2016/2017 BAKER COLLEGE CATALOG

UNDERGRADUATE/GRADUATE

- COLLEGE OF APPLIED TECHNOLOGY
- COLLEGE OF BUSINESS
- COLLEGE OF EDUCATION AND EARLY CHILDHOOD EDUCATION
- COLLEGE OF ENGINEERING
- COLLEGE OF HEALTH SCIENCE
- COLLEGE OF INFORMATION TECHNOLOGY
- COLLEGE OF SOCIAL SCIENCE

Baker College — UNDERGRADUATE SCHOOL

BAKER Online — ONLINE SCHOOL

BAKER Center for Graduate Studies — GRADUATE SCHOOL

ADI — AUTO/DIESEL INSTITUTE OF MICHIGAN

cim — CULINARY INSTITUTE OF MICHIGAN

2016/2017

BAKER COLLEGE CATALOG

UNDERGRADUATE/GRADUATE

EXPLORE BAKER AT BAKER.EDU

WE'RE IN IT FOR YOU

Baker College is a Not-For-Profit, Independent, Co-Educational Institution.

ACCREDITATION

Baker College is accredited by the Higher Learning Commission / 230 South LaSalle St., Suite 7-500, Chicago, IL 60604-1411 800-621-7440 / www.ncahlc.org.

Specialized program accreditations are noted with specific programs and can be found at baker.edu

Baker College — UNDERGRADUATE SCHOOL

BAKER Online — ONLINE SCHOOL

BAKER Center for Graduate Studies — GRADUATE SCHOOL

ADI — AUTO/DIESEL INSTITUTE OF MICHIGAN

cim — CULINARY INSTITUTE OF MICHIGAN

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This catalog is not to be construed as a contract. The College reserves the right to change fees, tuition, or other charges; add or delete courses; revise academic programs; or alter regulations and requirements as deemed necessary. Baker College® offers both equal education and equal employment opportunities.

Information in this catalog is accurate as of the date of publication: June 1, 2016. Updated program information can be located on the Baker College website at www.baker.edu.

12 REASONS TO CHOOSE BAKER

Choosing the right college can be a difficult decision and no two colleges are completely the same. Here is a list of some of the things that make Baker College unique. Take a look and consider whether or not Baker is the best choice for your education.

EDUCATION AND TRAINING THAT LEAD TO EMPLOYMENT
Since 1911 we've been preparing people for employment or career advancement.

NOT-FOR-PROFIT
Baker College is Michigan's largest independent college. Being a not-for-profit institution allows us to invest in our students rather than focus on shareholders, helping us maintain affordable tuition.

EMPLOYER ADVISORY BOARDS
We meet with employers to ensure our career programs are designed to meet the demands of the real world.

SMALL CLASS SIZES
At Baker you get all the personalized attention you need.

HIGH GRADUATE EMPLOYMENT RATE
Baker College delivers one of the highest available graduate employment rates in the country, giving you the best chance for a career.

LIFETIME EMPLOYMENT ASSISTANCE
All Baker graduates receive Lifetime Employment Assistance—free and forever.

OVER 100 CAREER PROGRAMS
Earn a certificate, associate, bachelor, master, or doctoral degree. Baker offers over 100 career programs in high-demand fields.

CONVENIENT CLASS TIMES
Choose from day, evening, and online classes.

REAL-WORLD PROGRAMS
Baker programs prepare you for growing career fields, and are taught by working professionals that bring real-world perspective to the classrooms.

AFFORDABLE
Federal, State, and Baker College financial aid is available for those who qualify, to help make the investment in your future an affordable one.

QUALITY EDUCATION
Baker is accredited by the Higher Learning Commission, which assures you that credits earned are recognized and meet high standards of educational quality.

EMPLOYER CONNECTION
Baker's Career Services department gives you an advantage by connecting you with a network of local employers.

16/17

ACADEMIC CALENDAR

2016 FALL

ON-GROUND CLASSES

Orientation and Registration (New Student)	Varies by campus
Classes Start	September 26
Thanksgiving Break	November 21-25
Winter Quarter Registration (Returning Students) and Graduation Registration	Varies by campus
Quarter Ends	December 10

ONLINE CLASSES

First Session	Sept. 22 - Nov. 2
Second Session	Nov. 3 - Dec. 14

2017 WINTER

ON-GROUND CLASSES

Orientation and Registration (New Student)	Varies by campus
Classes Start	January 9
Spring Quarter Registration (Returning Students) and Graduation Registration	Varies by campus
Quarter Ends	March 18

ONLINE CLASSES

First Session	Jan. 5 - Feb. 15
Second Session	Feb. 16 - March 29

2017 SPRING

ON-GROUND CLASSES

Orientation and Registration (New Student)	Varies by campus
Classes Start	April 3
Good Friday - College Closed	April 14
Memorial Day - College Closed	May 29
Summer Quarter Registration (Returning Students) and Graduation Registration	Varies by campus
Fall Quarter Registration (Returning Students) and Graduation Registration	Varies by campus
Quarter Ends	June 10
Graduation - Center for Graduate Studies/Online	June 2*
Graduation - Cadillac, Jackson, Muskegon, and Owosso	June 9*
Graduation - Allen Park, Clinton Township and Port Huron	June 10*
Graduation - Cass City and Flint	June 11*
Graduation - Auburn Hills	June 16*

ONLINE CLASSES

First Session	March 30 - May 10
Second Session	May 11 - June 21

2017 SUMMER — QUARTER CALENDAR ENDS

ON-GROUND CLASSES

Orientation and Registration (New Student)	Varies by campus
Classes Start	June 26
Independence Day Observation - College Closed	July 3-4
Quarter Ends	August 19

ONLINE CLASSES

First Session	June 22 - Aug. 2

2017 FALL — SEMESTER CALENDAR BEGINS

ON-GROUND CLASSES

Orientation and Registration (New Student)	Varies by campus
Classes Start	August 28
Thanksgiving Break	November 23-24
Winter Semester Registration (Returning Students) and Graduation Registration	Varies by campus
Semester Ends	December 16

ONLINE CLASSES

First Session	Aug. 28 - Oct. 21
Second Session	Oct. 23 - Dec. 16

* Dates are subject to change.
Please check with your campus.

2017 | SEMESTER CONVERSION

Conversion to Semesters

Baker College is preparing to move to a semester-based academic calendar from a quarter-based academic calendar effective Fall 2017. We are committed to working with our students for a successful transition. Students completing their degrees and graduating prior to Fall 2017 will not be affected by this change.

Baker College is committed to partnering with students to help manage expectations. Each Baker College student can expect advising resources to assist in defining a specific path to degree completion.

The primary purpose of a semester system is that it provides greater opportunities for:

- More in-depth teaching and research projects.
- Enhanced internships. Employers involved in Baker College internships often prefer the semester calendar because the extended work cycle provides more time to engage students in projects and deepen their responsibilities.
- Ease of transfer in and out of Baker College programs to and from other institutions. Approximately 90% of higher educational institutions currently follow the semester system.
- Graduate entrance into the job market. Most large employers align recruitment schedules to the semester calendar.

Our Pledge to You

Baker College ensures that the transition from quarters to semesters will not cause a loss in academic progress. The transition will be cost and time neutral. Students who work with a designated advisor to form an advising plan—and then follow that plan—will not lose earned credit as a result of the conversion.

Cost Neutral =
No Increased Costs To Complete Degree

Tuition and fees under the semester system will not be greater than they would be under the quarter system. The full-time cost of two semesters equals the full-time cost of three quarters. As always, the College may implement annual tuition increases as deemed necessary by the Board of Trustees.

Time Neutral =
No Delay To Complete Degree

This pledge guarantees that students who are on track to complete their degrees at the time of conversion and who maintain a consistent rate of credit accumulation after semester conversion will not experience an extension of the time-to-degree completion. However, Baker College cannot be held responsible for personal choices or individual circumstances which may affect time to completion such as any of the following:

- changing programs/majors
- changing from full-time status to part-time status
- deviating from the established Individualized Graduation Plan (IGP)
- adding additional student-elected courses to the program of study
- withdrawing from all courses for a term or more
- withdrawing from/failing/repeating individual course(s)

? If you have questions about the upcoming conversion from quarters to semesters, we encourage you to contact your academic advisor.

MISSION&PURPOSES

The mission of Baker College is to provide quality higher education and training which enable graduates to be successful throughout challenging and rewarding careers.

To this end, the following purposes have been established:

- Prepare students for competency in business, computers, education, engineering/technology, health, and human services careers in today's global economy.
- Provide general education which expands students' horizons, develops strong communication skills, and encourages critical thinking.
- Provide students with practical experience and training in a chosen field of study.
- Encourage social and classroom-related activities which promote both personal and professional growth.
- Enhance students' success through continuous assessment and improvement of teaching, learning, and institutional effectiveness.
- Assist graduates throughout their careers in securing employment and improving career opportunities.
- Encourage graduates to continue their education and to lead effectively through service in a world without boundaries.
- Offer graduate programs which provide students with advanced study, research, scholarly activity, and opportunities for professional development.

GUIDING PRINCIPLES

ACCOUNTABLE FOR MISSION STATED VALUES, AND PUBLIC TRUST

CONTINUOUS IMPROVEMENT

RIGHT TO TRY

HIGHLY EFFECTIVE PROGRAMS AND DELIVERY SYSTEMS

DISCIPLINED FISCAL MANAGEMENT

CUSTOMER FOCUS

HIGH WORK ETHIC OF EMPLOYEES

TEAM-ORIENTED ATMOSPHERE

COMMUNITY ORIENTATION

WILLINGNESS TO CHANGE AND ADAPT

STRONG IMAGE

BAKER COLLEGE SYSTEM TRUSTEES

Richard Batchelor
Retired, Business Executive

Michael Blanchard
Retired, High School Administrator

F. James Cummins - Board Chair
Chairman, Baker College System

Dr. Bart Daig
President/CEO
Baker College System

Justin Draeger
President/CEO, NASFAA

Susan Ebeling
Community Volunteer

William Anthony Mason
Retired, Automotive Executive

Sandy Petykiewicz
Retired, Publisher

Doug Pretty
Retired, Superintendent

Roy Rose
President, Anderson, Echstein, and Westrick, Inc.

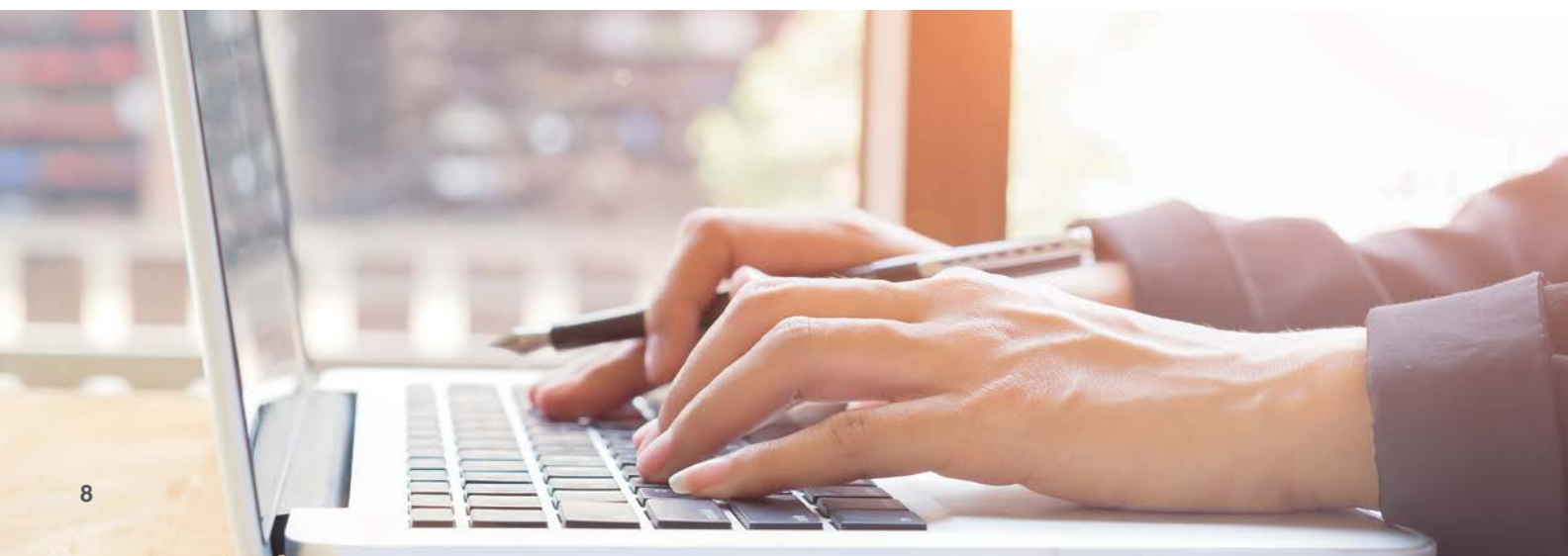
B.C. Thompson
Retired, Businessman

Alan Wise
Retired, Information Technology Executive

THE HISTORY OF BAKER COLLEGE

Committed to higher education for over 100 years.

The beginning of Baker College can be traced back to the turn of the 20th century, when Woodbridge Ferris—who later became Governor of Michigan and then a U.S. Senator—founded Muskegon College. Just two decades later, Eldon E. Baker—an educator who built a highly successful business college in Winfield, Kansas—moved to Flint and founded Baker Business University. In 1965, these two institutions came together, and throughout the years, the schools continued to thrive and expand. Today, Baker College is the largest not-for-profit, independent college in Michigan with nearly 25,000 students at nine on-ground campuses, multiple extension sites, and online.



1888-2015

1888 Woodbridge Ferris founded Muskegon College.

1911 Eldon E. Baker founded Baker Business University.

1965 Robert Jewell purchased Flint's Baker Business University and brought both schools under a single management group.

1969 Muskegon College became a non-profit corporation.

1974 The two colleges received authorization to grant an Associate of Business degree. Baker Business University became Baker Junior College.

1977 Baker Junior College became a non-profit corporation.

1981 The Colleges were approved to grant an Associate of Applied Science degree.

1983 The Owosso extension of Baker Junior College was established on the property of the former John Wesley College.

1985 After each received regional accreditation from the North Central Association of Colleges and Schools, the three campuses merged to form the Baker College System. Muskegon College began offering extension classes in Cadillac.

1986 The Baker College System was authorized to grant a Bachelor of Business Administration degree. Baker Junior College became Baker College of Flint.

1988 The renovated Mandeville School property became Baker College of Flint, its current site.

1990 Baker College acquired locations in Pontiac, Mount Clemens, and Port Huron, forming Baker College of Eastern Michigan. Muskegon College changed its name to Baker College of Muskegon.

1991 The Cadillac extension of Baker College of Muskegon opened a new 40-acre campus site.

1992 The Pontiac campus relocated and became Baker College of Auburn Hills.

1994 The Center for Graduate Studies opened in Flint, launching the System's first graduate degree program. Jackson Business Institute was acquired to create Baker College of Jackson.

1995 Baker College of Flint added its Cass City extension.

1996 Baker College began offering online classes to students throughout the United States and in foreign countries.

1997 Baker College of Muskegon moved to a new 40-acre site.

2000 Baker College of Mount Clemens became Baker College of Clinton Township and began offering an Associate of Nursing degree.

2001 Record enrollment was achieved with more than 21,000 students across the System. Baker College Online enrollment topped 4,000, reinforcing its position as a leader in distance education. The Center for Graduate Studies was granted full accreditation from the International Assembly for Collegiate Business Education.

2002 Baker College gained preliminary approval to offer the Elementary and Secondary Teacher Preparation programs. The Nursing program was expanded to Flint and Owosso. Baker College enrollment reached over 25,000 students making it the largest private college in Michigan.

2003 Baker College of Allen Park became the newest addition to the Baker College System.

2005 Baker College of Jackson added the Coldwater extension. Baker College reached record-high enrollment of nearly 34,000.

2006 Baker College was accepted by the Higher Learning Commission as a participant in the highly innovative AQIP accreditation process.

2007 The Baker College Center for Graduate Studies received approval from the Higher Learning Commission to offer a Doctorate of Business Administration (DBA) degree, becoming the fourth graduate program at Baker College. Baker College of Owosso opened the state-of-the-art Auto/Diesel Institute of Michigan.

2008 Baker College of Muskegon broke ground on the 40,000 square foot Culinary Institute of Michigan (CIM). System enrollment grew to over 38,000. Baker College of Flint students dethroned Texas A&M to win first place in the National Cyber Defense competition. Baker College of Flint opened the Center for Transportation Technology in a former auto dealership.

2009 Fall enrollment surpassed 43,000 students. Baker College of Flint successfully defended its Cyber Defense National Championship.

2010 Baker College of Cadillac opened the Center for Transportation Technology in Lake City.

2011 The Baker College Center for Graduate Studies awarded the first Doctor of Business Administration degree at its June ceremony.

2012 Baker College was granted accreditation by the Commission on Collegiate Nursing Education to grant a Bachelor of Nursing degree. Ground was broken for the construction of a Culinary Institute of Michigan along the St. Clair River in Port Huron.

2013 The Baker College Center for Graduate Studies received permission from the Higher Learning Commission to grant a Master degree in Educational Effectiveness.

2014 Baker College of Cadillac opened a residence hall in downtown Cadillac. Baker College submitted its second AQIP portfolio to the Higher Learning Commission.

2015 The Baker College Teacher Preparation Program was awarded accreditation by the Council for the Accreditation of Educator Preparation (CAEP). The Higher Learning Commission granted accreditation to Baker College to offer a Master Degree in Nursing. The Council for Standards in Human Services Education (CSHSE) accredited the Human Services Associate and Bachelor Degrees at Baker College. Baker College of Port Huron opened a residence hall for culinary students.

BAKER COLLEGE OF

ALLEN PARK "DOWNRIVER CAMPUS"

Baker College of Allen Park—located "downriver" from Detroit—is equipped with modern classrooms and facilities, the latest multi-media capabilities, campus-wide WiFi, and other modern resources.

Classrooms are appointed with flexible furnishings, interactive white boards, and the most up-to-date equipment available. The Baker Cafe and expanded Academic Resource Center are welcoming spaces. Health Science programs are centralized on the second floor of Building A with state-of-the-art nursing, anatomy/physiology, and chemistry labs. The new Cyber Defense lab features the latest technology and equipment needed to teach the skills required for this cutting-edge career program.

The campus is conveniently located with easy access to major interstates and freeways (I-94, I-75, and Southfield Freeway), as well as Detroit Metropolitan Airport. This area is a thriving hub for business, manufacturing, and commerce. The campus is a short drive from the headquarters of major corporations such as Ford Motor Company, AAA, and Henry Ford Hospital. The world's largest tire, the Uniroyal tire, is a recognizable landmark located just west of the campus on I-94.

LIFE ON CAMPUS

Technology and innovation, coupled with small class sizes, are the hallmark of the Allen Park campus. Students have ready access to modern resources and instructors who are industry leaders.

ALLEN PARK BOARD OF REGENTS

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President, Baker College Allen Park
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Chairman, Baker College System
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Kip Horvath
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Dr. Donna Schmidt
Retired Superintendent

ALLEN PARK OFFICERS

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Yvonne Langley - Vice President, Career Services
Michael J. Moore - Treasurer
Steve Peterson - Vice President, Admissions

PLACES TO EXPLORE

- Comerica Park
- Detroit Institute of Arts
- Detroit Symphony Orchestra
- Detroit Zoo
- Eastern Market
- Fairlane Green Shopping Center
- Greektown
- Greenfield Village
- Henry Ford Museum

EVENTS

- Allen Park Arts & Crafts Fair
- Detroit Lions Football
- Detroit Red Wings Hockey
- Detroit Tigers Baseball
- Downriver Cruise

BAKER COLLEGE OF

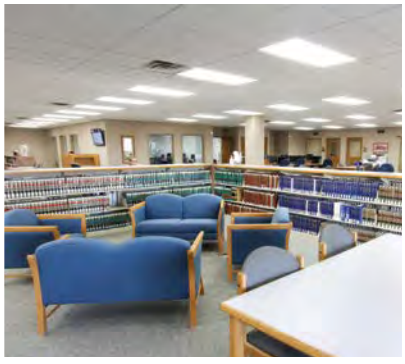
AUBURN HILLS

As a student at Baker College of Auburn Hills, you have the best of all worlds—small class sizes, professional instructors who know you by name, state-of-the-art classrooms and labs, and hands-on training in specialized facilities that replicate actual work environments. We offer degree programs that lead directly to careers that have today's best opportunities for employment and advancement.

Located in Oakland County, Baker College of Auburn Hills is in the epicenter of Automation Alley, one of the country's flourishing economic and business centers. The 17-acre campus is within a half mile of the interchange for I-75 and University Drive. Oakland County boasts the second highest per capita income in the nation and some of the fastest growing companies in the world. Oakland County is home to one-third of Michigan's research and development firms, and one-third of all U.S. automobile production takes place within 70 miles. The area is surrounded by 88,000 acres of wooded parkland with over 450 lakes nearby.

A COMPETITIVE EDGE

Specialty programs are taught in special environments. There's no better way to learn than hands-on, so our labs and classes are designed to mirror the work environments our students will be employed in. Baker grads are prepared for their careers.



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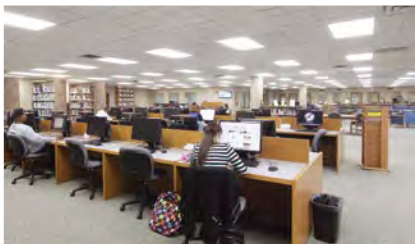
Alan Wise
Logicalis

AUBURN HILLS OFFICERS

Dr. Pete Karsten - President
Dr. Susan Cathcart
Vice President, Academic Affairs
James G. Martin - Vice President, Finance
Michael J. Moore - Treasurer



PLACES TO EXPLORE

- Bald Mountain Recreation Area
- DTE Energy Music Theatre
- The Palace of Auburn Hills
- Pontiac Lake Recreation Area

EVENTS

- Auburn Hills Relay for Life
- Brooksie Way 1/2 Marathon
- Numerous concerts and sporting events
- Woodward Dream Cruise

BAKER COLLEGE OF

CADILLAC

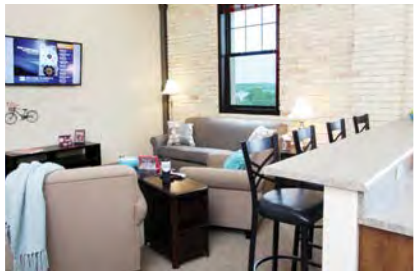
Baker College of Cadillac reflects all the warmth, friendliness, and small-town character of northwestern Michigan. The area offers abundant lakes, streams, and woods with opportunities to enjoy year-round, four-season activities such as golfing, hiking, camping, boating, fishing, canoeing, small and large game hunting, snowmobiling, downhill and cross-country skiing, and snowboarding.

The 66-acre campus is located just outside the city and features student housing, an outside patio, a Student Center, several computer labs, extensive parking, a fitness center, and a learning center where free tutoring services are available to all students.

Because we're Baker College—Michigan's largest independent career college—you'll have all the advantages: small class sizes, highly qualified instructors, and the latest equipment, technologies, and resources in our classrooms and labs.

We offer certificates as well as associate and bachelor degree programs in careers that have the best opportunities for employment and advancement. We work closely with local employers to keep our curriculum current.

Baker College of Cadillac has recently added student housing, allowing students who live too far away to commute to benefit from all that Baker College has to offer.



CADILLAC BOARD OF REGENTS

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Partner, Bowman and Rogers, PC
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Chairman, Baker College System
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President/CEO, Baker College System
Mike Hammer
CEO Avon Protection
Linda Kimbel
Retired, Community Foundation Director
John McLeod
Retired, President/CEO, Mercy Hospital of Cadillac
David Mutch, DO
Family Practice of Cadillac
Kelly Smith
President, Baker College of Cadillac
Maynard Thompson
Retired, College Administrator

CADILLAC OFFICERS

Kelly R. Smith - President
Michael J. Moore - Treasurer

PLACES TO EXPLORE

- 12 area golf courses
- Carl T. Johnson Hunting & Fishing Center
- Keith McKellop Walkway
- Lakes Cadillac, Mitchell, and Missaukee
- Mitchell State Park
- Wexford County Historical Museum

EVENTS

- Cadillac Art Fair
- Cadillac Lakefront Summer Jazz Series
- Cadillac Symphony Orchestra Concerts
- Footliters Theatre Guild
- Gopherwood Concert Series
- Lake City's Greatest Fourth in the North
- Manton Harvest Festival
- Mesick Mushroom Festival
- North American Snowmobile Festival

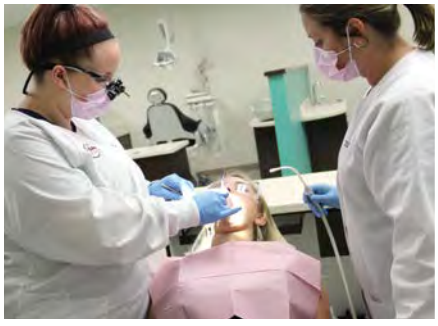
BAKER COLLEGE OF

CLINTON TOWNSHIP

For students who live northeast of Detroit, Baker College of Clinton Township is ideally situated in the cultural hub of Macomb County. The campus features a modern three-story building on the Little Mack campus as well as an Admissions Welcome Center, spacious Student Center, Technology Center, and Autobody and EMS buildings.

Instructional classrooms and labs featuring the latest technologies as well as advanced training facilities that mimic real-world working environments, make this the ideal place to train for your new career. A spacious, state-of-the-art library offers electronic access to all materials in the Baker College System Libraries, and our classrooms are equipped with multi-media technology.

Baker College of Clinton Township offers several certificates as well as associate and bachelor degrees in career programs that have the best opportunities for employment and advancement in today's workplaces.



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EDA of St. Clair County
Sue Coats
Executive Director, Turning Point
F. James Cummins
Chairman, Baker College System
Dr. Bart Daig
President/CEO, Baker College System
Dr. Patricia Kaufman
President, Baker College of Clinton Township
Jennifer Morgan
Healthcare Administrator
Roy Rose, Board Chair
President, Anderson, Eckstein, & Westrick, Inc.

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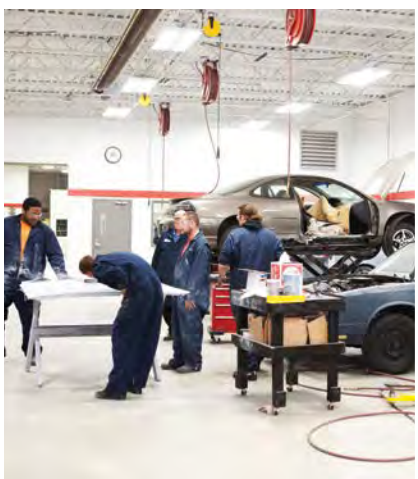
Marsha Adamkiewicz
Vice President, Finance
Dr. Karen Bratus
Vice President, Academic Affairs
Lisa M. Harvener
Vice President, Student Affairs
Annette M. Looser
Vice President, Admissions
Michael J. Moore - Treasurer



PLACES TO EXPLORE

- Comerica Park
- Detroit Zoo
- Ford Field
- Fox & Fisher Theaters
- Greenfield Village
- Henry Ford Museum
- IMAX Theatre
- Joe Louis Arena
- Macomb Symphony Orchestra
- Metro Beach

EVENTS

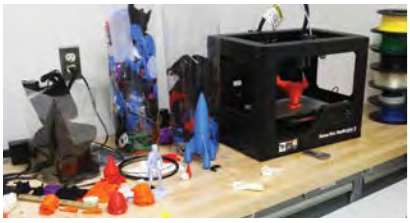
- Christmas Aglow
- Classic Cars Cruise Night
- Detroit Autorama
- International Freedom Festival
- North American International Auto Show
- Selfridge Air Show

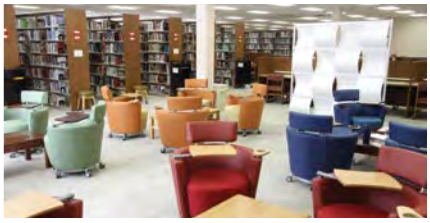
BAKER COLLEGE OF

FLINT

Baker College of Flint is our flagship campus. Here, you'll have the individual attention and guidance that a small campus can provide, along with everything you'd expect in a modern college campus—classrooms with multi-media systems, a technology center, state-of-the-art labs, and more. Whether you live on campus or commute, you'll appreciate our extensive academic resource facilities, campus-wide WiFi, fitness center, bookstore, café, and Coffee Beanery. The 40-acre campus features contemporary buildings creating an ambiance as close to today's business workplace as possible.

Strategically located just outside the southeast corner of Flint, just minutes from major highways, students enjoy the best of urban living as they take advantage of year-round opportunities at the Flint Cultural Center or enjoy swimming, boating, fishing, camping, skiing, or skating at area parks and lakes. Nearby public golf courses, restaurants, and shopping malls are also accessible.





FLINT BOARD OF REGENTS

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Chairman, Baker College System
Dr. Bart Daig
President/CEO, Baker College System
Dr. Robert Farrell Jr.
President/CEO, SVS Vision
Melany Gavulic
CEO, Hurley Medical Center, Inc.
Wen Hemingway
President, Baker College of Flint
John Matonich
President/CEO, Rowe, Professional Services Company
Lawrence E. Moon
President, Lawrence E. Moon Funeral Home, Inc.
Joseph O. Serra
President, Serra Automotive
JoAnne Shaw - Board Chair
CEO, Coffee Beanery
Paul Traub
Senior Business Economist
Federal Reserve Bank of Chicago - Detroit Branch
Greg G. Viener, CTP
Community President, First Merit Bank

FLINT OFFICERS

Wen Hemingway - President
Gerald W. McCarty II
Vice President, Student Affairs
Michael J. Moore - Treasurer
Kevin Pnacek
Vice President, Admissions
Janie Stewart
Vice President, Career and Corporate Services

HOUSING AVAILABLE

There are no cramped quarters or dorms found anywhere on Baker's Flint campus—just spacious living on a beautiful campus within a rich learning environment.

THE CENTER FOR TRANSPORTATION TECHNOLOGY

The Center for Transportation Technology is a division of Baker College of Flint. It is conveniently located approximately six miles from the main campus, in the city of Flint, at the junction of I-69 and Dort Highway. This division supports the Autobody Technician Certificate, an Associate Degree in Automotive Services Technology, as well as Certificates in Truck Driving and Welding. The facility has been recently renovated and features up-to-date automotive labs, welding labs, classrooms, a computer lab, multi-media rooms, and a new truck terminal.

CASS CITY EXTENSION

About 75 miles northeast of Flint, in the center of Michigan's thumb area, the friendly, rural community of Cass City is home to a Baker College extension site. The modern, one-story building near the center of town features its own academic resource facility, student center, and state-of-the-art multi-media classrooms including medical, welding, and computer labs.

PLACES TO EXPLORE

- Art at the Market
- Crossroads Village & Huckleberry Railroad
- Farmers Market
- Flint Cultural Center
- Flint Firebirds Hockey
- Flint Institute of Arts
- For-Mar Nature Preserve and Arboretum
- Longway Planetarium
- Mt. Holly Ski and Snowboard Resort
- Porter's Orchard and Cider Mill
- Seven Lakes State Park
- Sloan Museum

EVENTS

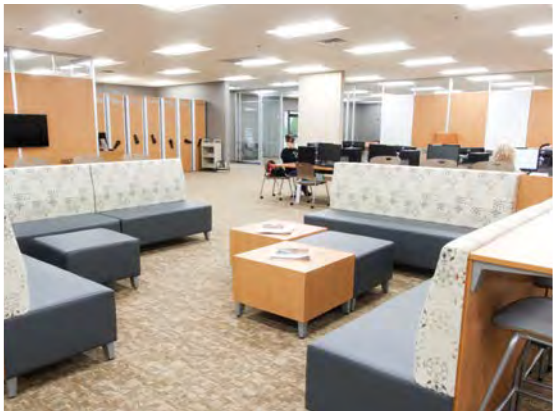
- Antique Car Show
- Back to the Bricks
- Bikes on the Bricks
- Flint Art Show
- Flint Symphony Orchestra Series
- Frankenmuth Bavarian Festival
- Michigan Renaissance Festival
- Music in the Parks
- Whiting Showcase Series
- World-renowned Crim Festival of Races

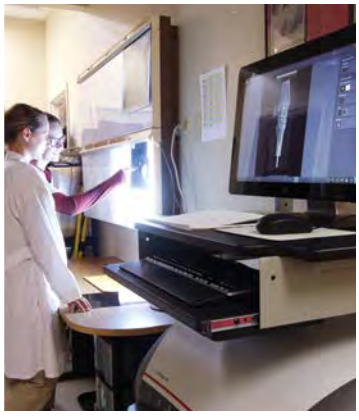
BAKER COLLEGE OF

JACKSON

Baker College of Jackson is in a quiet rural area, just outside of the city of Jackson. Stop by the Welcome Center for a visit. On our 42-acre campus, you'll find modern, state-of-the-art classrooms and labs, and specialized facilities that duplicate today's real-world workplaces. Our Academic Resource Center, a cutting-edge engineering facility, and our business and technology center feature the latest technology and equipment. Class sizes are small, assuring you of individual attention and guidance and the opportunity for more hands-on training.

The Jackson campus offers certificate, associate, and bachelor degree programs that lead directly to today's most in-demand careers.





JACKSON BOARD OF REGENTS

Jack Bunce - Board Chair
Retired, College Administrator
F. James Cummins
Chairman, Baker College System
Dr. Bart Daig
President/CEO, Baker College System
Molly Kaser
Executive Director, Center for Family Health
Angela NaDell
Learning and Development Manager
Consumers Energy
Sandy Petykiewicz
Retired, Publisher
Steve Sauter
General Manager,
Michigan Automotive Compressors, Inc.
Dr. Steve Simpson
President, Baker College of Jackson
Barbara Smith
Owner, Printer Source Plus

JACKSON OFFICERS

Dr. Steve Simpson - President

Michael J. Moore - Treasurer

COLDWATER EXTENSION

About 50 miles southwest of Jackson, in the friendly community of Coldwater, is the Jackson extension site.

PLACES TO EXPLORE

- Cascade Falls and Park
- Ella Sharp Museum
- Irish Hills
- Michigan International Speedway
- Michigan Theatre
- W.J. Hayes State Park

EVENTS

- Cascade Civil War Muster
- Hot Air Jubilee Balloon Festival
- Jackson Symphony Orchestra
- Michigan Shakespeare Festival
- Mini Grand Prix
- Rose Festival
- Summerfest

BAKER COLLEGE OF

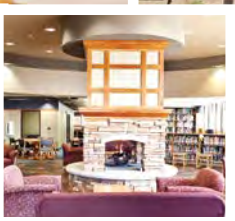
MUSKEGON

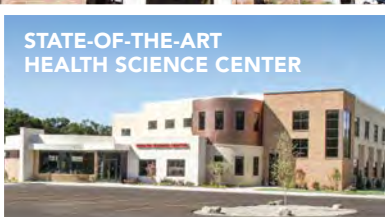
Just five minutes away from the sugar-sand beaches of Lake Michigan is Baker College of Muskegon—West Michigan's premiere career college. It's a campus designed for hands-on learning, with state-of-the-art classrooms and labs, specialized training facilities equipped with the latest technologies, including a newly completed Health Science Center as well as an expansive Academic Resource Center. Whether you commute or live on campus, you'll appreciate our small college atmosphere, with quiet places to study, instructors who provide personal attention, and a recreation center to relax with friends.

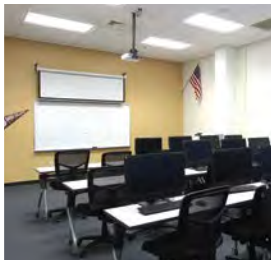
The Muskegon campus offers certificate, associate, and bachelor degree programs to prepare students for employment in today's most in-demand careers. Situated on over 63 wooded acres, Baker College offers residence hall choices both on and off campus. Campus venues include The Quarterline Grill, the West End Cafe, the Academic Resource Center, student center, gymnasium, West End Fitness Center, and the BRIC (Baker Recreational and Information Center).

HOUSING AVAILABLE

Baker College of Muskegon offers a variety of resident living options. Choose from several on-campus residence halls or nearby apartment and loft-style living.







FREMONT EXTENSION

The Baker College of Muskegon Fremont Extension provides residents of Newaygo County the opportunity to begin and complete career training in select degree and certificate programs.

THE CULINARY INSTITUTE of MICHIGAN®
BAKER COLLEGE OF MUSKEGON

The three-story, state-of-the-art Culinary Institute of Michigan (CIM) is located just a few miles west of the main campus. In addition to the American Culinary Federation (ACF) accredited Associate Degree in Culinary Arts or Baking and Pastry, students can earn an Associate or Bachelor degree in Food and Beverage Management. These programs combine personalized instruction with hands-on experience. The public is invited to sample the students' creations in the student-run restaurant, COURSES, and in the The Sweet Spot, the on-site pastry and coffee shop.

MUSKEGON BOARD OF REGENTS

Lynnette Bloomberg
Owner, Noble Company
Lee Coggin
President, Baker College of Muskegon
F. James Cummins
Chairman, Baker College System
Dr. Bart Daig
President/CEO, Baker College System
Meriam Leeke
Owner, Old Channel Trail Golf Course
Kim Maguire
VP Patient Care Services, Mercy Health
Jim Teets
President/CEO, ADAC Automotive
B.C. Thompson - Board Chair
Retired, Business Executive

MUSKEGON OFFICERS

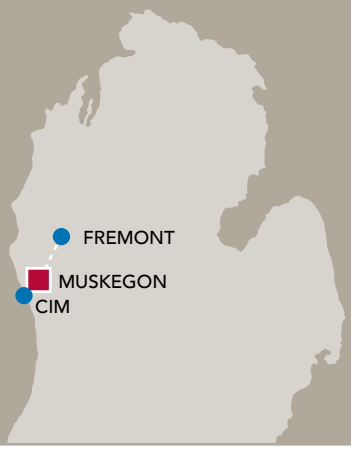
Lee Coggin, JD - President
Dr. DeAnna R. Burt-Johnson, Ph.D.
Vice President, Academic Affairs
Manifa S. Dennison - Vice President, Finance
Susan J. Duplissis - Secretary
Kathy L. Jacobson - Vice President, Admissions
Michael J. Moore - Treasurer

PLACES TO EXPLORE

- Double JJ Resort
- Great Lakes Naval & Memorial Museum
- Lakeshore Museum Center
- Michigan's Adventure Amusement and Water Park
- Muskegon County Museum of African American History
- Muskegon Museum of Art
- Muskegon Winter Sports Complex
- Various State and County Parks

EVENTS

- Grand Haven Coast Guard Festival
- Lakeshore Art Festival
- Lakeshore Jazz Festival
- Michigan Irish Music Festival
- Miss Michigan Scholarship Pageant
- Unity Christian Music Festival
- Winterfest



BAKER COLLEGE OF

OWOSSO

Enter the Swiss-chalet-style buildings on the Baker College of Owosso campus, and you'll discover a high-quality learning environment, with modern classrooms and labs, specialized training facilities equipped with the same technologies and systems that are used in the real world. Whether you commute or live on campus, you'll appreciate our strong sense of community, and the many opportunities to develop and deepen your knowledge and skills.

Our Owosso campus offers certificate, associate, and bachelor degree programs that stress practical knowledge and hands-on learning. The 70-acre campus boasts state-of-the-art classrooms and labs, a student center, fitness center, gymnasium, bookstore, and apartment-style residence halls.

HOUSING AVAILABLE

On- or off-campus, when it comes to student housing, Baker College of Owosso has choices. Stay on-campus near classes, labs, and student activities, or enjoy contemporary apartment living at our Woodard Station lofts.

OWOSSO BOARD OF REGENTS

Richard Batchelor - Board Chair
Retired, Business Executive
William Boyd
Retired Senior Manager, Global Technical Training, DaimlerChrysler
F. James Cummins
Chairman, Baker College System
Dr. Bart Daig
President/CEO, Baker College System
Brian L. Long
President/CEO, Memorial Healthcare
Aaron Maike
President, Baker College Owosso
Paul Schluckebier
Managing Director/Branch Manager, The Schluckebier Financial Group of Wells Fargo Advisors
Matt Van Epps
Attorney, Van Epps & Van Epps
Tony Young
Owner, Young Chevrolet Cadillac Dealership

OWOSSO OFFICERS

Aaron Maike - President
Michael F. Konopacke - Vice President, Admissions
Lisa A. Lynch - Vice President, Student Affairs
Michael J. Moore - Treasurer

NATEF

The Auto/Diesel Institute of Michigan at Baker College of Owosso is the only college in Michigan with Master Accreditation from the National Automotive Technicians Education Foundation (NATEF) for Diesel Service.

ADI

THE AUTO/DIESEL INSTITUTE OF MICHIGAN®

The Auto/Diesel Institute of Michigan (ADI) was conceived and built to elevate technical training to a college experience above and beyond anything previously available in the Midwest. Our facility boasts 43,000 square feet of real-world auto and diesel labs, as well as classroom and computer lab spaces. Situated minutes from the Baker College of Owosso campus, ADI provides our students with cutting-edge resources—from state-of-the-art tools and technology to master technicians who serve as instructors. At ADI, we're creating programs for the next 20 years and training the mechanic of the future.

PLACES TO EXPLORE

- Amos Gould House
- Artisans Market
- Biking and Walking Trails
- Comstock Cabin
- Curwood Castle Museum
- DeVries Nature Conservancy
- Durand Depot
- Farmer's Market
- Historical Village McCurdy Park
- Hopkins Lake
- James S. Miner River Walk
- NCG Cinemas
- Shiawassee Arts Council Gallery
- Shiawassee River
- Shopping in Owosso
- Thomas E. Dewey Boyhood Home

EVENTS

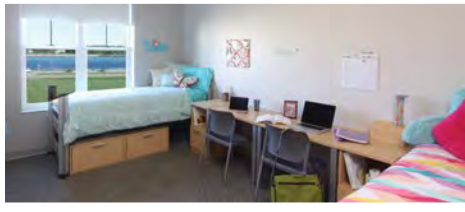
- Cruise to the Castle
- Curwood Festival
- Performances by the Owosso Community Players
- Steam Railroading Institute
- Summer shows at the Mitchell Performing Arts Amphitheater

BAKER COLLEGE OF

PORT HURON

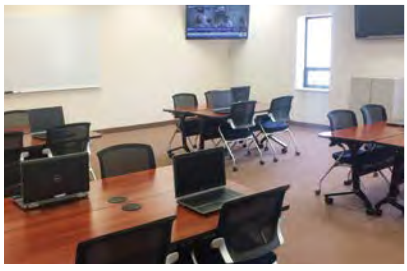
Baker College of Port Huron, conveniently located close to the Blue Water Bridge, has some of the most advanced classrooms and hands-on learning environments found on any college campus in the State. It's a friendly, supportive atmosphere, with class sizes that are small and instructors who know you by name, computer labs, access to extensive library facilities, and a student center in which to study or relax.

The campus is situated on 12-acres at the west side of town convenient to I-69 and I-94, and only five minutes from the Blue Water Bridge which connects Port Huron with Sarnia, Ontario. Our campus offers certificate, associate, and bachelor degrees in fields that lead directly to today's best career opportunities.



HOUSING AVAILABLE FOR CIM STUDENTS

Baker College of Port Huron has built a new resident hall to house its Culinary Institute of Michigan students.



THE CULINARY INSTITUTE of MICHIGAN®

BAKER COLLEGE OF PORT HURON

The two-story, state-of-the-art Culinary Institute of Michigan (CIM) is located a few miles from the main campus at the foot of the St. Clair River and contains a breathtaking view of the beautiful Blue Water Bridge. The CIM offers Baking and Pastry, Culinary Arts, and Food and Beverage Management programs. These programs combine personalized instruction with hands-on experience. The public is invited to sample the students' creations in the student-run restaurant, COURSES.

PLACES TO EXPLORE

- Cutter Bramble Museum
- Fort Gratiot Lighthouse
- Huron Lightship Museum
- Knowlton Ice Museum
- Sightseeing on Huron Lady II
- Thomas Edison Museum
- Two International Blue Water Bridges
- U.S. Coast Guard Cutter

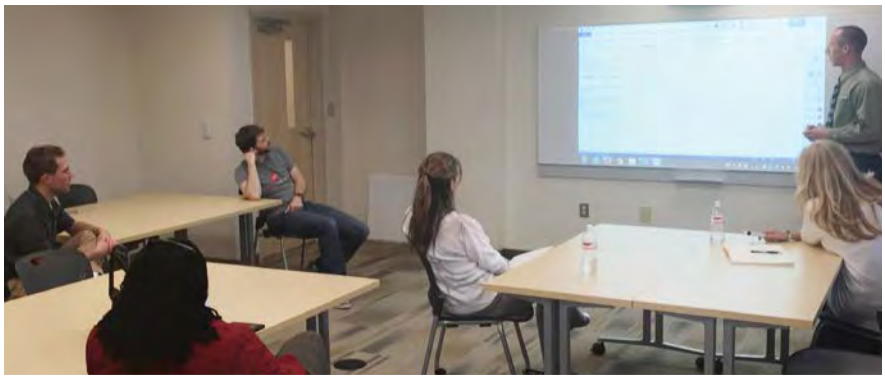
EVENTS

- Art on the River
- Bayview Yacht Club Port Huron to Mackinac Sailboat Race
- BlueWater Fest
- Cruise Night Classic & Antique Car Parade
- Feast of St. Clair
- Festival of Trees
- Rotary International Parade
- St. Clair Art Fair
- Taste of Port Huron

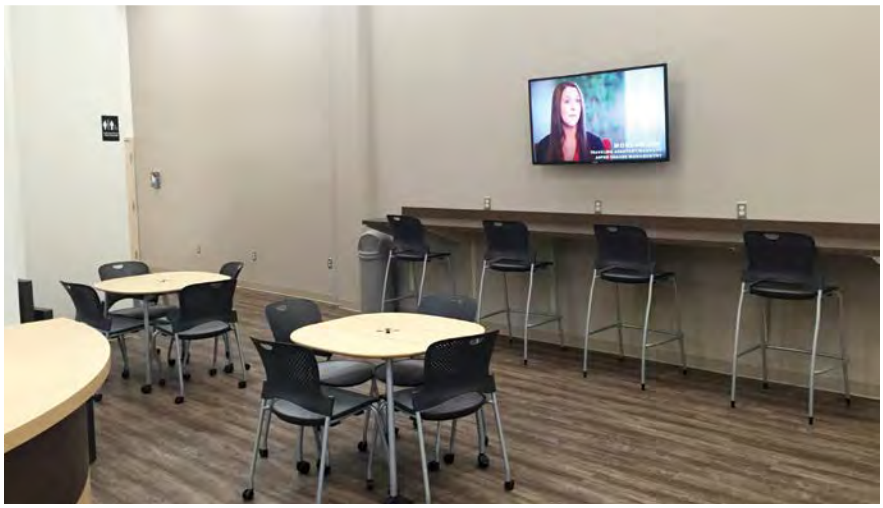
BAKER COLLEGE OF

READING

Baker College of Reading is Baker's newest campus and its first location in Pennsylvania. The campus is conveniently located in downtown Reading with easy access to public transportation and within walking distance to restaurants, retail shopping, and the Santander Arena. The four story facility includes 26,000 square feet of state-of-the-art classrooms equipped with flexible furniture, interactive white boards, teleconferencing, and technology. The new Medical Assistant laboratory is designed to mirror actual work environments to provide students with real world experience. The newly renovated facility also offers access to computers, library and study resources, a student lounge, and free WiFi.



The campus offers associate degree programs in Business Administration, Human Services, and Medical Assistant, as well as over 40 undergraduate and graduate programs available 100% online. Small class sizes provide individual attention and hands-on training to equip students for employment.

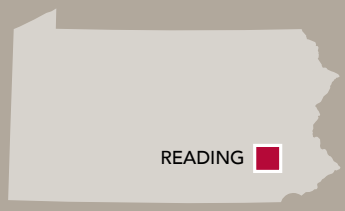


PLACES TO EXPLORE

- Genesius Theatre
- GoogleWorks Center for the Arts
- Mid Atlantic Air Museum
- Mountain Bike Trails: Union Canal Trail & Wyomissing Creek Trail
- Santander Arena & Performing Arts Center
- The Pagoda

EVENTS

- Arts Festival Reading
- Berks Jazz Fest Concerts
- Reading Air Fest
- WWII Weekend



BAKER ONLINE

Baker College Online is the “virtual campus” of the Baker College System. With Baker Online, you can earn your degree without ever setting foot in a campus building. An Internet connection is all you need.

Baker Online is more than an exciting delivery method for higher education. It breaks down barriers that working people have struggled to overcome for years. It enables people to fit a college education into their busy schedules, instead of modifying their schedules for classes. With faculty members and students based all over the world, Baker Online students benefit from a truly world-class perspective.

Our online courses begin and end on specific dates and class work is assigned deadlines to keep you on track toward earning your degree. Our classrooms and our extensive library resources are open 24 hours a day, seven days a week, so you can do classwork day or night. Students are assigned to “virtual classrooms” facilitated by qualified online instructors, which is the common meeting area for faculty and students. Students conduct research, submit assignments, ask questions, and participate in discussions in the virtual classroom comparable to a traditional classroom setting.

Every online course we offer is based on a fully accredited core curriculum, so it’s easy to combine online and on-ground courses if that works best for you.

BAKER ONLINE BOARD OF REGENTS

Polly Bashore, Ph.D.
Project Manager GMPT,
Engineering Consolidation

Dr. Cheryl Bergman
Associate Dean and Professor of Nursing
Jacksonville University

F. James Cummins
Chairman, Baker College System

Dr. Bart Daig
President/CEO, Baker College System

Paul Fuhs, Ph.D. - Board Chair
Retired Health Care Executive

Douglas Howell
Executive, Kelly Services

Ronald Justice
CEO, Davison State Bank

Dr. Jill Langen
President, Baker College Online

Cynthia Nalevanko
Editor, SAGE Publications

Ira Rutherford
Retired, School Superintendent

BAKER ONLINE OFFICERS

Dr. Jill Langen - President
Chuck Gurden - Vice President, Admissions
Lynne Higham - Vice President, Finance
Michael J. Moore - Treasurer

BAKER CENTER FOR

GRADUATE STUDIES

The Baker Center for Graduate Studies offers the opportunity to increase one's knowledge, broaden understanding, and develop specialized skills beyond a baccalaureate degree. Students receive quality graduate education that leads to advanced academic achievement through excellence in teaching, scholarship, and service. Graduate programs are available in the fields of business, education, information systems, nursing, occupational therapy, and psychology.

All graduate programs are accredited through the Higher Learning Commission. The Center for Graduate Studies has received accreditation for the MBA program through the International Assembly for Collegiate Business Education (IACBE), located in Lenexa, Kansas, USA. The Occupational Therapy program also has additional accreditation through the Accreditation Council for Occupational Therapy Education (ACOTE).

BAKER CENTER FOR GRADUATE STUDIES BOARD OF REGENTS

Polly Bashore, Ph.D.
Project Manager GMPT,
Engineering Consolidation

Dr. Cheryl Bergman
Associate Dean and Professor of Nursing
Jacksonville University

F. James Cummins
Chairman, Baker College System

Dr. Bart Daig
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Paul Fuhs, Ph.D. - Board Chair
Retired Health Care Executive

Douglas Howell
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Ronald Justice
CEO, Davison State Bank

Dr. Jill Langen
President, Baker Center for Graduate Studies

Cynthia Nalevanko
Editor, SAGE Publications

Ira Rutherford
Retired, School Superintendent

BAKER CENTER FOR GRADUATE STUDIES OFFICERS

Dr. Jill Langen - President
Chuck Gurden - Vice President, Admissions
Lynne Higham - Vice President, Finance
Michael J. Moore - Treasurer

100+
CAREER PROGRAMS

IN

7
GROWING INDUSTRIES

COLLEGE OF APPLIED SCIENCE
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COLLEGE OF BUSINESS
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COLLEGE OF EDUCATION AND EARLY CHILDHOOD EDUCATION
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SCHOOL OF OCCUPATIONAL THERAPY
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UNDERGRADUATE

ACADEMIC INFORMATION

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UNDERGRADUATE

PROGRAM COURSE LISTS

&

ON-GROUND
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ACADEMIC WELCOME EXPERIENCE

An Introduction to Your Life at Baker College

The Academic Welcome Experience provides students with a smooth and helpful transition to college life. Students will become familiar with campus life, academic requirements, student expectations, learning environments, and the many services and resources available to them. It is also an important time for forming relationships and connections with fellow students, program advisors, and other members of the Baker College community.

Throughout the Academic Welcome Experience, students participate in a wide array of academic, intellectual, social, and professional experiences available at Baker College. Students connect with their advisors and participate in informational sessions aimed toward exploring career opportunities, networking with professionals in their fields, and sharing program information.

COLLEGE OF INTERDISCIPLINARY STUDIES Dean of the College of Interdisciplinary Studies: Kirk Astle, Ph.D.

GENERAL EDUCATION PROGRAM REQUIREMENTS

The mission of Baker College is to provide quality higher education and training which enable graduates to be successful throughout challenging and rewarding careers. Required courses in the major field of study are complemented and enhanced by required general education courses. General education provides a foundation of knowledge and skills that every educated person should possess. Its purpose is to stimulate curiosity and promote intellectual inquiry and lifelong learning. General Education course offerings are provided through the College of Interdisciplinary Studies, the School of Education, the College of Social Science, and the College of Health Science.

General Education Mission Statement

General education provides students with an array of critical skills and knowledge essential to the college-educated person in any career path and builds a foundation for more specialized learning.

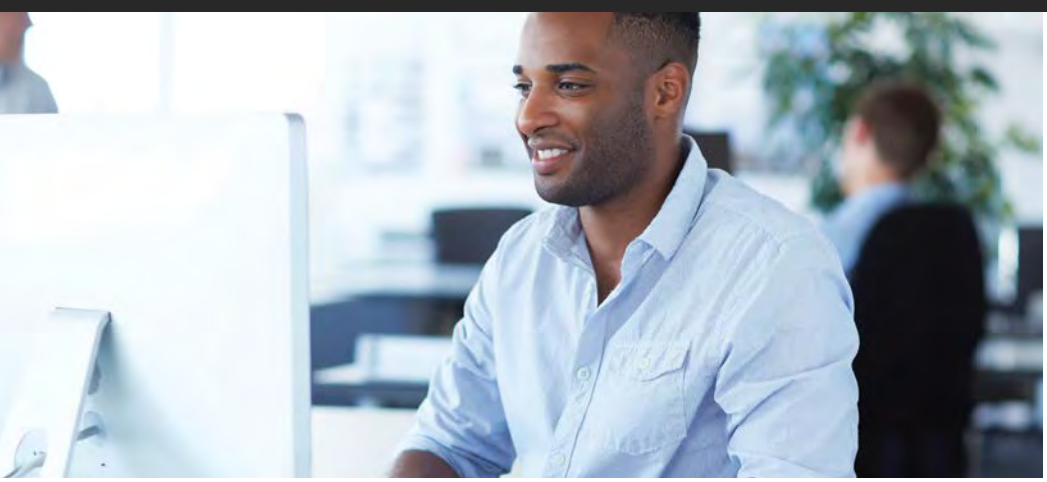
General Educational Goals

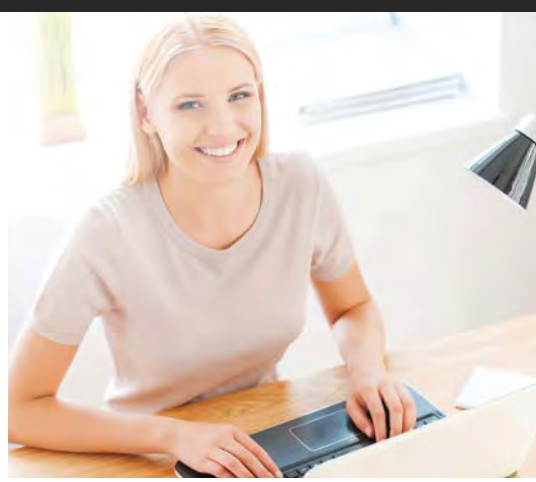
- Provide students with opportunities to develop and refine essential skills in written and oral communication, mathematical reasoning, scientific inquiry, global and cultural awareness, personal and social relations, and information literacy
- Teach a body of common knowledge necessary for students to be successful in professional, intellectual, and social contexts
- Assist students in developing a breadth of knowledge, curiosity, and critical thinking skills
- Promote informed citizenship in an increasingly diverse world
- Advocate lifelong learning

General education requirements must be met for all certificates of substantial length (68 or more quarter hours), as well as for associate and bachelor degree programs. Some degree programs may have general education requirements specific to the program that go beyond the basic requirements. Prerequisites must be met, as required, for each general education course. In most degree programs, the general education requirements are met through general education curriculum. In some programs, however, general education outcomes are met through cognitive experiences, competencies, or application by courses in the program major. All graduates must meet the general education outcome requirements established by each academic program.

BAKER COLLEGE
INSTITUTIONAL STUDENT LEARNING OUTCOMES AND THE GENERAL EDUCATION OUTCOMES:

- Career-ready knowledge and skills
- Attitudes and behaviors that promote success in the workplace and effective social interaction with diverse people
- Information literacy which includes recognizing the need for information and identifying, locating, evaluating, and effectively using that information
- Effective communication in various academic and career settings using technology as appropriate
- Critical thinking—including analysis, synthesis, and problem solving—which are applicable to the field of study, the workplace, and other life situations
- Broad-based knowledge which includes an understanding of cultural, ethical, social, political, and global issues





THE FOLLOWING COURSES ARE BAKER COLLEGE'S GENERAL EDUCATION REQUIREMENTS:

CERTIFICATE PROGRAM REQUIREMENTS

GENERAL EDUCATION COURSE REQUIREMENTS FOR CERTIFICATES: 16 QUARTER HOURS

(For Certificates of Substantial Length: 68 or more quarter hours)

Course Number		Course Title	Quarter Hours
COMMUNICATION: 4 QUARTER HOURS			
ENG	101	Composition I	04
MATHEMATICAL REASONING: 4 QUARTER HOURS			
ONE OF THE FOLLOWING:			
MTH	101	Mathematics for Business	04
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
Or a higher level math course			
PERSONAL AND SOCIAL ENVIRONMENTS: 4 QUARTER HOURS			
ONE OF THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
COMPUTER LITERACY: 4 QUARTER HOURS			
INF	161	Technology and Society	02
ONE OF THE FOLLOWING (ELECT 161A, ELECT 161B, AND ELECT 161C COMPUTER LITERACY ELECTIVES):			
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02

Certificates of less than 68 quarter hours may also contain general education requirements as determined by individual programs.

ASSOCIATE PROGRAM REQUIREMENTS

GENERAL EDUCATION COURSE REQUIREMENTS FOR ASSOCIATE DEGREES: 32 QUARTER HOURS

Course Number		Course Title	Quarter Hours
COMMUNICATION: 16 QUARTER HOURS			
ALL OF THE FOLLOWING:			
ENG	101	Composition I	04
ENG	102	Composition II	04
SPK	201	Oral Communication	04
ONE OF THE FOLLOWING (ELECT 120A COMMUNICATION ELECTIVE):			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04

MATHEMATICAL REASONING: 4 QUARTER HOURS

ONE OF THE FOLLOWING:			
MTH	101	Mathematics for Business	04
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
MTH	401	Statistical Methods	04

Or a higher level math course

PERSONAL AND SOCIAL ENVIRONMENTS: 4 QUARTER HOURS

ONE OF THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04

COMPUTER LITERACY: 8 QUARTER HOURS

INF	161	Technology and Society	02
THREE OF THE FOLLOWING (ELECT 161A, ELECT 161B, AND ELECT 161C COMPUTER LITERACY ELECTIVES):			
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02

BACHELOR PROGRAM REQUIREMENTS

GENERAL EDUCATION COURSE REQUIREMENTS FOR BACHELOR DEGREES: 72 QUARTER HOURS

Course Number		Course Title	Quarter Hours
COMMUNICATION: 24 QUARTER HOURS			
ALL OF THE FOLLOWING:			
ENG	101	Composition I	04
ENG	102	Composition II	04
SPK	201	Oral Communication	04
TWO OF THE FOLLOWING (ELECT 121A AND ELECT121B COMMUNICATION ELECTIVES):			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
ONE OF THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
MATHEMATICAL REASONING: 8 QUARTER HOURS			
ONE OF THE FOLLOWING:			
MTH	101	Mathematics for Business	04
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
Or a higher level math course			
ONE OF THE FOLLOWING:			
MTH	109	College Mathematics II	04
MTH	112A	College Algebra	04
MTH	401	Statistical Methods	04
Or a higher level math course			
PERSONAL AND SOCIAL ENVIRONMENTS: 16 QUARTER HOURS			
HUM	401A	Philosophy of Ethics	04
ONE OF THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
TWO OF THE FOLLOWING (ELECT 141A AND ELECT141B PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES):			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
COMPUTER LITERACY: 8 QUARTER HOURS			
INF	161	Technology and Society	02
THREE OF THE FOLLOWING (ELECT 161A, ELECT 161B, AND ELECT 161C COMPUTER LITERACY ELECTIVES):			
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
GLOBAL AND CULTURAL PERSPECTIVES: 12 QUARTER HOURS			
SOC	321	Cultural Diversity	04
EIGHT CREDITS OF THE FOLLOWING (ELECT 131A AND ELECT 131B GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES):			
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04
Any four quarter hour equivalent of a language course (other than English) meets one of the courses for the global and cultural perspectives requirement, other than SOC 321 Cultural Diversity.			
SCIENTIFIC INQUIRY: 4 QUARTER HOURS			
ONE OF THE FOLLOWING (ELECT 111A SCIENTIFIC INQUIRY ELECTIVE):			
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04

PHILOSOPHY OF DEVELOPMENTAL EDUCATION

The mission of developmental education is to provide preparatory experiences which enable students to demonstrate academic skills necessary to complete a college-level course of study.

Developmental Education Goals

- Provide appropriate educational opportunities and services
- Ensure proper placement of students
- Maintain high academic standards that support student success in college-level courses
- Enhance the quality of student learning
- Promote continued development and application of adult learning theory, adhering to best practices
- Provide students with opportunities to build strong foundational skills
- Be sensitive and responsive to individual differences among students
- Promote a collaborative and supportive environment for faculty, staff, and students

Developmental Education Objectives

- Entry-level students will demonstrate appropriate placement.
- Students will use developmental education resources provided by the College.
- Students will demonstrate reasoning, communication, and comprehension skills required for college-level work.
- Students will demonstrate competency in writing and mathematics.

THE FOLLOWING COURSES ARE DESIGNED TO MEET THE ABOVE OBJECTIVES:

Course Number		Course Title
ENG	096	Academic Literacy
MTH	099E	Pre-Algebra

In addition to these developmental education courses, other developmental courses, specific to a program area, may be required. See individual program requirements for details.

Baker College supports its Right-to-Try Admissions Policy with several educational services. Some students who enter Baker College require assistance to meet the pressures of an academic community. Because of this, Baker College provides these students with a developmental education program which enables them to achieve success in college and their future careers.

Placement Options

- High School GPA requirements for students who graduated within the last five years
- ACT, SAT, and other specific test scores
- Fast Track options
- Waivers
- Transfer Credit

Developmental Courses

- Students with below college-level English writing skills, as determined by the results of placement options, are required to enroll in Academic Literacy (ENG 096).
- Students with below college-level mathematics skills, as determined by the results of placement options, are required to enroll in Pre-Algebra (MTH 099E).
- Students who place into these developmental areas should take the developmental course(s) the first quarter. Students who place in both the English and mathematics courses must attend part time (less than 12 credits) during their first quarter. These courses must be completed prior to enrolling in a college-level general education English or mathematics course.
- Students must successfully complete all required developmental education courses. Students unable to successfully complete (pass) any one or more of the developmental education courses (ENG 096 or MTH 099E) within three attempts, including withdrawals, will face academic dismissal from the College. For both the second and third attempts, students are placed on a Student Learning Contract. (A second attempt contract serves as a warning, and a third attempt contract serves as notice of the student facing academic dismissal.)

Forty years ago, only one out of four jobs needed more than a high school education. Today, two out of three require additional training. Meanwhile, high-paying high-tech jobs are unfilled across the U.S. in agriculture, automotive, diesel, heating and cooling, interior design, truck driving, welding, and other industrial technology sectors. There are hundreds of thousands of good jobs—but only for those with the right skills.

Many of the courses and programs at Baker College are offered in an online delivery format. See page 137 for Baker College Online programs. Contact your campus Academic/Administrative Office for details about Online courses.

A new student may choose an "Undeclared but Degree Seeking" program. A student also may add a limited number of "Student Elected Classes" to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus academic staff to discuss requirements.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.

COLLEGE OF APPLIED TECHNOLOGY
UNDERGRADUATE PROGRAMS

Dean of the College of Applied Technology: David Krueger, Ph.D.

CERTIFICATES
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Automotive Services Technology....PG. 42
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BACHELOR DEGREE
Bachelor of Science
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ELECTIVES
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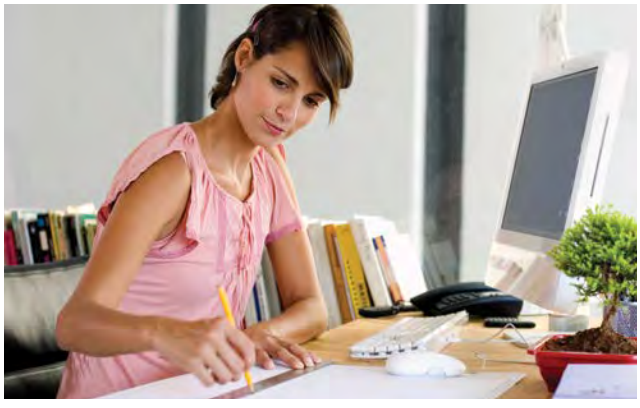


CERTIFICATE PROGRAMS

AUTOBODY TECHNICIAN

Certificate

The autobody technician must use specialized tools and equipment to remove dents and other damage from body panels or replace the panels entirely. Once repairs have been completed, those components or the entire vehicle must then be painted. This program prepares graduates for work in this area and includes coverage of plastic, glass, and interior repairs.

This program is accredited by the National Automotive Technicians Education Foundation (NATEF), 13505 Dulles Technology Drive, Herndon, VA 20171-3421; www.natef.org

This program is accredited on the Flint campus

Course Number		Course Title	Quarter Hours
AUTOBODY TECHNICIAN MAJOR - 60 HOURS			
ABT	101	Painting and Refinishing I	06
ABT	102	Painting and Refinishing II	06
ABT	103	Painting and Refinishing Practicum Lab	06
ABT	106	Introduction to Autobody	04
ABT	111	Non-Structural Damage Repair I	06
ABT	112	Non-Structural Damage Repair II	06
ABT	113	Non-Structural Damage Repair Practicum Lab	06
ABT	151	MIG Welding	05
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
MTH	108	College Mathematics I: Reasoning and Application	04
WRK	271A	Automotive Work Experience	04
WRK	291B	Professional Career Strategies	01
QUARTER HOURS REQUIRED FOR GRADUATION			**60**

AUTOMOTIVE SERVICES TECHNOLOGY

Certificate

Automotive Service Technicians use specialized tools and equipment to diagnosis and repair automobiles and light trucks. Work is performed inside the vehicle, under the hood, and under the vehicle. While physical dexterity is required, there are some procedures that can be performed at a work bench. This program prepares students for entry-level positions and helps prepare them to perform successfully on the certification and licensure exams required in this career path.

This program is accredited by the National Automotive Technicians Education Foundation (NATEF), 13505 Dulles Technology Drive, Herndon, VA 20171-3421; www.natef.org

Course Number		Course Title	Quarter Hours
AUTOMOTIVE SERVICES TECHNOLOGY MAJOR - 51 HOURS			
AST	100A	Automotive Services Technology Elective	06
AST	100B	Automotive Services Technology Elective	06
AST	100D	Automotive Services Technical Elective	04
AST	106	Introduction to Automotive Service	04
AST	111A	Introduction to Automotive Electrical	05
AST	112B	Electrical/Electronic Systems I	05
AST	113	Electrical/Electronic Systems II	05
AST	121	Engine Repair I	04
ENG	101	Composition I	04
MTH	108	College Mathematics I: Reasoning and Application	04
WRK	271A	Automotive Work Experience	04
QUARTER HOURS REQUIRED FOR GRADUATION			**51**

DIESEL SERVICE TECHNOLOGY

Certificate

This program prepares graduates to maintain, diagnose, and repair medium-duty and heavy-duty vehicles to perform successfully on the certification exams required for all persons who seek to work in positions as diesel mechanics/technicians in the state of Michigan. The program will focus on electrical systems, diesel engines, heavy-duty brakes and suspensions along with other certification/licensure areas as selected by the student.

Diesel courses are taught in the Auto/Diesel Institute of Michigan (autodieselinstitute.com)

PREFERRED COLLEGE

Baker College of Owosso is a Michigan CAT preferred college.
This program is accredited by the National Automotive Technicians Education Foundation (NATEF), 13505 Dulles Technology Drive, Herndon, VA 20171-3421; www.natef.org

The Auto/Diesel Institute of Michigan is the only college in Michigan with Master Accreditation from the National Automotive Technicians Education Foundation for Diesel Service.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 63 HOURS			
DSL	101	Diesel Engine Theory	04
DSL	106	Diesel Shop Practices	04
DSL	116	Introduction to Diesel Electrical	05
DSL	141	Diesel Electrical/Electronic Systems I	05
DSL	142	Diesel Electrical/Electronic Systems II	05
DSL	171	Diesel Engine Repair	05
DSL	181	Introduction to Diesel Maintenance and Repair	04
DSL	221	Heavy-Duty Brake Service	06
DSL	231	Heavy-Duty Suspension/Steering	06
ENG	101	Composition I	04
INF	121	Introduction to Windows	02
MTH	108	College Mathematics I: Reasoning and Application	04
WRK	275	Diesel Work Experience	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
AG	221	Agriculture Equipment and Tooling	04
DSL	151A	Basic Welding, Cutting, and Fabrication	04
DSL	241	Heavy-Duty Heating/Air Conditioning	06
DSL	251	Auxiliary Systems	04
DSL	261	Heavy-Duty Drive Trains	06
DSL	271	Diesel Engine Performance	05
DSL	281	Heavy-Duty Bus/Truck Maintenance	04
DSL	285	Power Generation	04
DSL	291	Hydraulics	05
QUARTER HOURS REQUIRED FOR GRADUATION			**63**

HEATING, VENTILATION, AIR CONDITIONING TECHNOLOGY

Certificate

This program prepares students to install, maintain, and repair heating, cooling, and refrigeration systems. Technicians often specialize in one type of equipment, for example furnaces, central air conditioning, or commercial refrigeration.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 47 HOURS			
ACT	191A	Blueprint Reading for Architecture	02
ENG	101	Composition I	04
HVAC	101	Introduction to Mechanical Systems	04
HVAC	112A	HVAC Installation, Maintenance, and Repair	04
HVAC	115	Heating I	04
HVAC	116	Heating II	04
HVAC	121	EPA Recovery/Certification	02
HVAC	123A	Air Conditioning and Heat Pumps	04
HVAC	131	Mechanical Code	02
HVAC	151A	HVAC Electrical Systems and Applications I	04
HVAC	152	HVAC Electrical Systems and Applications II	04
MTH	111	Introductory Algebra	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
QUARTER HOURS REQUIRED FOR GRADUATION			**47**

TRUCK DRIVING

Certificate

This program is offered with multiple start dates throughout the year. It prepares graduates for entry-level positions as local or long-distance drivers of commercial motor vehicles (CMV), heavy trucks, dump trucks, and tankers. Courses are designed to enable students to sit for the state of Michigan Commercial Driver Licensing Class A exam. Job potential for this field is excellent.

The Truck Driving Certificate meets all state and federal requirements for truck driver training. Applicants for the Truck Driving Certificate must: 1) be at least 18 years of age, 2) have a valid operator's license that is not currently (or within the immediate past 36 months) suspended or revoked, 3) meet all physical requirements specified in The Federal Motor Carrier Safety Regulations, and 4) provide/ pass a current DOT physical and NIDA drug screen to Baker College. This program is certified by the Professional Truck Driver Institute (PTDI), 555 East Braddock Road, Alexandria, VA 22314; (703) 647-7015; Web address: www.ptdi.org at our Cadillac and Flint locations.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 30 HOURS			
HSC	100B	Community First Aid	01
TRN	101A	CDL Preparation I	02
TRN	111	Basic Operation Procedures	04
TRN	112A	Safe Operating Procedures	02
TRN	122	Vehicle Maintenance	02
TRN	131	Technology in Transportation	02
TRN	151	Practical Application-Behind the Wheel	05
TRN	161	Practical Application for Decision Driving	01
TRN	201A	CDL Preparation II	02
TRN	211	Regulations and Procedures	04
TRN	262A	Career Experience I	02
TRN	263A	Career Experience II	02
WRK	291B	Professional Career Strategies	01
QUARTER HOURS REQUIRED FOR GRADUATION			**30**

WELDING

Certificate

Students successfully completing this program will have acquired the knowledge and skills necessary for entry-level employment in the welding industry. Career opportunities include Welding Engineer, Welding Inspector, Structural Iron Worker, Custom Vehicle Designer, or Metal Art Sculptor. Skills and knowledge presented in the program include oxy-acetylene welding, cutting and brazing, shielded metal arc welding (SMAW), gas metal arc welding (GMAW/MIG), gas tungsten arc welding (GTAW/TIG), and flux-cored arc welding (FCAW), along with destructive weld testing methods. The curriculum is designed to meet or exceed the requirements set forth by the American Welding Society (AWS).

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 49 HOURS			
CAD	131	Introduction to Manufacturing	04
ENG	101	Composition I	04
INF	112	Word Processing	02
INF	121	Introduction to Windows	02
WELD	101	Welding Principles	04
WELD	111A	Cutting and Oxy-fuel Welding	05
WELD	116	Gas Metal Arc Welding	05
WELD	121	Gas Tungsten Arc Welding	05
WELD	126	Shielded Metal Arc Welding	05
WELD	131	Metallurgy	04
WELD	191	Welding Practicum	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
QUARTER HOURS REQUIRED FOR GRADUATION			**49**

ASSOCIATE DEGREE PROGRAMS

AGRICULTURE TECHNOLOGY

Associate of Applied Science Degree

The Baker College agriculture technology program provides students with the advanced training necessary to compete in today's technology-driven farming industry. Students completing the program will have acquired knowledge and skills in agribusiness, weed and insect management, plant science and agronomy, sustainable agriculture, viticulture, agriculture equipment and tools, and the use of agricultural computer and technology systems. Additionally, students may select an agribusiness path and focus on marketing and management, an animal science path and learn about animal husbandry and veterinary science, or a technology path and develop skills to select, install, and maintain agricultural technology equipment including global positioning systems (GPS), auto steering systems, and soil sampling and mapping systems.

Course Number		Course Title	Quarter Hours
AGRICULTURE TECHNOLOGY MAJOR - 72 HOURS			
AG	101	Introduction to Agricultural Industry	04
AG	111	Agribusiness I	04
AG	112	Agribusiness II	04
AG	113	Agribusiness III	04
AG	121	Partners in Agriculture	04
AG	131	Soil Science	04
AG	141	Plant Science and Agronomy	04
AG	151	Weed Disease and Insect Management	04
AG	161	Computers in Agriculture	05
AG	181	Introduction to Agricultural Systems Internship	02
AG	201	Principles of Sustainable Agriculture	04
AG	241	Viticulture and the Fruit Industry	04
AG	291	Agriculture Capstone and Future Trends	04
WRKTC	201	Work Experience	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04

SELECT 1 GROUP FROM THE FOLLOWING:

AGRIBUSINESS - 16 HOURS

ECN	201	Principles of Macroeconomics	04
MGT	141	Principles of Management	04
MKT	111B	Principles of Marketing	04
MKT	131	Personal Selling	04
QUARTER HOURS REQUIRED FOR GRADUATION			**100**

AGRICULTURE TECHNOLOGY - 17 HOURS

AG	221	Agriculture Equipment and Tooling	04
AG	231A	Introduction to Precision Agriculture	04
AG	232A	Advanced Precision Agriculture	04
DSL	116	Introduction to Diesel Electrical	05
QUARTER HOURS REQUIRED FOR GRADUATION			**101**

ANIMAL SCIENCE - 18 HOURS

AG	221	Agriculture Equipment and Tooling	04
AG	251	Animal Science	04
AG	256	Veterinary Science	05
AG	261	Animal Husbandry	05
QUARTER HOURS REQUIRED FOR GRADUATION			**102**

AUTOBODY TECHNICIAN

Associate of Applied Science Degree

The autobody technician must use specialized tools and equipment to remove dents and other damage from body panels or replace the panels entirely. In heavy damage, the frame and/or uni-body must also be repaired. The repairs or the entire vehicle must then be painted. This program prepares graduates for work in this area and includes coverage of plastic, glass, and interior and mechanical system repairs.

This program is accredited by the National Automotive Technicians Education Foundation (NATEF), 13505 Dulles Technology Drive, Herndon, VA 20171-3421; www.natef.org
This program is accredited on the Flint campus.

Course Number		Course Title	Quarter Hours
AUTOBODY TECHNICIAN MAJOR - 74 HOURS			
ABT	101	Painting and Refinishing I	06
ABT	102	Painting and Refinishing II	06
ABT	103	Painting and Refinishing Practicum Lab	06
ABT	106	Introduction to Autobody	04
ABT	111	Non-Structural Damage Repair I	06
ABT	112	Non-Structural Damage Repair II	06
ABT	113	Non-Structural Damage Repair Practicum Lab	06
ABT	121	Mechanical and Electrical I	06
ABT	122	Mechanical and Electrical II	06
ABT	151	MIG Welding	05
ABT	211	Structural Damage Repair I	06
ABT	212	Structural Damage Repair II	06
WRK	271A	Automotive Work Experience	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**102**

AUTOMOTIVE RESTORATION TECHNOLOGY

Associate of Applied Science Degree

The Restoration Technology program prepares students in the field of automotive restoration by emphasizing the values of craftsmanship and historical authenticity. This program trains students with time tested methods and traditional auto body training. Training focuses on the restoration of classic and vintage automobiles. Graduates will be prepared for entry-level positions within the restoration and the auto body repair industry.

Course Number		Course Title	Quarter Hours
AUTOMOTIVE REQUIREMENTS - 54 HOURS			
ABT	101	Painting and Refinishing I	06
ABT	102	Painting and Refinishing II	06
ABT	103	Painting and Refinishing Practicum Lab	06
ABT	106	Introduction to Autobody	04
ABT	111	Non-Structural Damage Repair I	06
ABT	112	Non-Structural Damage Repair II	06
ABT	113	Non-Structural Damage Repair Practicum Lab	06
ABT	151	MIG Welding	05
ARST	201	Introduction to Restoration	04
WRK	271A	Automotive Work Experience	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	121	Introduction to Windows	02

SELECT 1 OF THE FOLLOWING MAJORS:

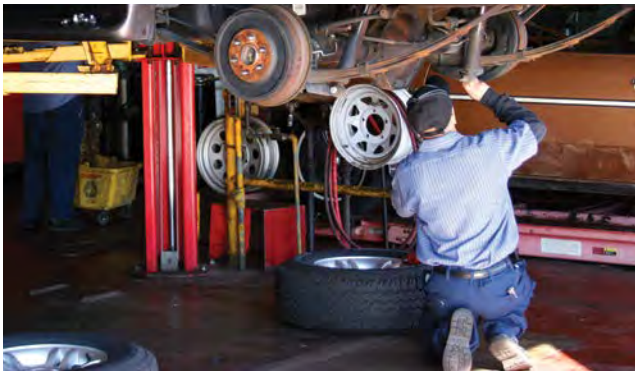
AUTOMOTIVE RESTORATION - ENGINE/DRIVE TRAIN MAJOR - 25 HOURS			
ARST	211	Engine Theory/Performance	04
ARST	221	Transmissions, Drive Trains, and Axles	06
ARST	231	Chassis Restoration	05
ARST	241	Machining Technology	05
AST	111A	Introduction to Automotive Electrical	05
QUARTER HOURS REQUIRED FOR GRADUATION			**107**
AUTOMOTIVE RESTORATION - PAINT/INTERIOR MAJOR - 25 HOURS			
ARST	251	Sheet Metal Fabrication	06
ARST	261	Interior Repair I	04
ARST	262	Interior Repair II	04
ARST	271	Auto Paint Restoration	06
ARST	281	Custom Paint and Graphics	05
QUARTER HOURS REQUIRED FOR GRADUATION			**107**

AUTOMOTIVE SERVICES TECHNOLOGY

Associate of Applied Science Degree

Automotive Service Technicians use specialized tools and equipment to diagnosis and repair automobiles and light trucks. Work is performed inside the vehicle as well as under the hood and under the vehicle. While some amount of physical dexterity is required, there are some procedures that can be performed at a work bench. Students in this program will be trained in multiple certification areas in preparation for ASE certification as well as state of Michigan licensure.

This program is accredited by the National Automotive Technicians Education Foundation (NATEF), 13505 Dulles Technology Drive, Herndon, VA 20171-3421; www.natef.org



Course Number		Course Title	Quarter Hours
AUTOMOTIVE SERVICES TECHNOLOGY MAJOR - 66 HOURS			
AST	100A	Automotive Services Technology Elective	06
AST	100D	Automotive Services Technology Elective	04
AST	100E	Automotive Services Technical Elective	04
AST	102	Engine Performance I	06
AST	103	Engine Performance II	06
AST	106	Introduction to Automotive Service	04
AST	111A	Introduction to Automotive Electrical	05
AST	112B	Electrical/Electronic Systems I	05
AST	113	Electrical/Electronic Systems II	05
AST	121	Engine Repair I	04
AST	221A	Automotive Brake Service	06
AST	231A	Automotive Suspension/Steering	06
WRK	271A	Automotive Work Experience	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**94**

AUTOMOTIVE SERVICES TECHNOLOGY - MOPAR CAP

Associate of Applied Science Degree

The MOPAR CAP (College Automotive Program) and The Auto/Diesel Institute of Michigan (ADI) at Baker College of Owosso have established a partnership to provide Chrysler Group LLC specific training designed for automotive students to help support Chrysler Group LLC dealerships with talented service technicians capable of servicing today's complex vehicles. The ADI/CAP partnership follows the same NATEF curriculum guidelines as the existing Automotive Service Technology program. Additionally, students are required to intern at a CAP sponsored dealership as part of their program requirements.

Prerequisite: Sophomore status.

This program is accredited by the National Automotive Technicians Education Foundation (NATEF), 13505 Dulles Technology Drive, Herndon, VA 20171-3421; www.natef.org

Course Number		Course Title	Quarter Hours
AUTOMOTIVE SERVICES TECHNOLOGY MAJOR 80 HOURS			
AST	102	Engine Performance I	06
AST	106	Introduction to Automotive Service	04
AST	111A	Introduction to Automotive Electrical	05
AST	112B	Electrical/Electronic Systems I	05
AST	121	Engine Repair I	04
AST	122	Engine Repair II	04
AST	221A	Automotive Brake Service	06
AST	231A	Automotive Suspension/Steering	06
ASTM	103	MOPAR Engine Performance II	06
ASTM	113	MOPAR Electrical/Electronic Systems II	05
ASTM	241	MOPAR Automotive HVAC Systems	06
ASTM	251	MOPAR Automatic Transmission	08
ASTM	261	MOPAR Manual Drive Trains	06
WRK	273	MOPAR CAP Internship I	04
WRK	274	MOPAR CAP Internship II	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**106**

DIESEL SERVICE TECHNOLOGY

Associate of Applied Science Degree

This program prepares graduates to maintain, diagnose, and repair medium-duty and heavy-duty vehicles and to perform successfully on the certification exams required for all persons who seek to work in positions as diesel mechanics/technicians in the state of Michigan. The program focuses on electrical systems, diesel engines, diesel engine performance, preventative maintenance, heavy-duty brakes, and suspensions along with other areas as selected by the student.

Diesel courses are taught in the Auto/Diesel Institute of Michigan (autodieselinstitute.com)

PREFERRED COLLEGE

Baker College of Owosso is a Michigan CAT preferred college.

This program is accredited by the National Automotive Technicians Education Foundation (NATEF), 13505 Dulles Technology Drive, Herndon, VA 20171-3421; www.natef.org

The Auto/Diesel Institute of Michigan is the only college in Michigan with Master Accreditation from the National Automotive Technicians Education Foundation for Diesel Service.

Course Number		Course Title	Quarter Hours
DIESEL SERVICE TECHNOLOGY MAJOR - 70 HOURS			
DSL	100A	Diesel Service Technology Elective	04
DSL	100B	Diesel Service Technology Elective	04
DSL	101	Diesel Engine Theory	04
DSL	106	Diesel Shop Practices	04
DSL	116	Introduction to Diesel Electrical	05
DSL	141	Diesel Electrical/Electronic Systems I	05
DSL	142	Diesel Electrical/Electronic Systems II	05
DSL	151A	Basic Welding, Cutting, and Fabrication	04
DSL	171	Diesel Engine Repair	05
DSL	181	Introduction to Diesel Maintenance and Repair	04
DSL	221	Heavy-Duty Brake Service	06
DSL	231	Heavy-Duty Suspension/Steering	06
DSL	271	Diesel Engine Performance	05
DSL	281	Heavy-Duty Bus/Truck Maintenance	04
WRK	275	Diesel Work Experience	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**98**

INDUSTRIAL TECHNOLOGY

Associate of Applied Science Degree

This degree is a unique program designed specifically for an individual who has already attained journeyperson status as recognized by the U.S. Department of Labor. The individual's completed formal apprenticeship training program, as registered in the Office of Apprenticeship, transfers in as his/her major. The remaining course requirements give students the skills necessary to expand their knowledge and career opportunities.

Course Number		Course Title	Quarter Hours
INDUSTRIAL TECHNOLOGY MAJOR - 66 HOURS			
EGR	111	Technical Communications for Engineering Sciences	04
MGT	101	Introduction to Business	04
MGT	141	Principles of Management	04
SELECT 54 CREDITS FROM THE FOLLOWING:			
BUS	211	Business Analytics	04
CAD	141	Industrial Materials and Processes	04
CQI	301	Quality Theory	04
JNYCD	100F	Journeyman Status	56
JNYCD	100G	Journeyman Status	42
MGT	111	Professional Management Behavior	04
MGT	212A	Staffing and Performance Management	04
PSY	231	Organizational Psychology	04
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**92**

INTERIOR DESIGN

Associate of Applied Science Degree

This program prepares students for entry-level positions in interior design as well as kitchen and bath design. Students apply elements and principles of design, space planning, textiles, and furnishings as they relate to residential and commercial interiors. Basic drafting, drawing, and presentation skills are emphasized throughout the program. Applying current technology, students develop and present projects stressing public health, safety, and welfare. They gain a basic understanding of interior design practice and the industry as a whole. The program provides a solid foundation for further study in the interior design field.

This program is accredited by the National Kitchen and Bath Association (NKBA), 687 Willow Grove Street, Hackettstown, NJ 07840; (800) 843-6522.
This program is accredited on the Auburn Hills campus.

NKBA™ Accredited Program

Course Number		Course Title	Quarter Hours
INTERIOR DESIGN MAJOR - 73 HOURS			
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
IND	100	Introduction to Interior Design	04
IND	102	Workroom Practices	04
IND	104	Interior Design Business Practices	04
IND	105C	Textiles	04
IND	111A	Space Planning I	04
IND	112A	Space Planning II	04
IND	121	Interior Design Graphics	04
IND	131	Introduction to CAD	02
IND	151	Interior Design Sales	04
IND	201	History of Furnishing	04
IND	202	Rendering Techniques and Perspectives	04
IND	214	20-20 CAD	02
IND	221	Building Systems	04
IND	231	Studio Bath	04
IND	241	Studio Kitchen	04
IND	253A	Portfolio Projects	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
ACT	103	Computer Aided Architectural Drawing I	04
IND	215	Interior Design CAD	04
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	265	Kitchen and Bath Design Work Experience	04
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**101**

WELDING

Associate of Applied Science Degree

Students successfully completing this program will have acquired the knowledge and skills necessary for entry-level employment in the welding industry. Career opportunities include Welding Engineer, Welding Inspector, Structural Iron Worker, Custom Vehicle Designer, or Metal Art Sculptor. Skills and knowledge presented in the program include oxy-acetylene welding, cutting and brazing, shielded metal arc welding (SMAW), gas metal arc welding (GMAW/MIG), gas tungsten arc welding (GTAW/TIG), and flux-cored arc welding (FCAW), along with destructive weld testing methods. The curriculum is designed to meet or exceed the requirements set forth by the American Welding Society (AWS).

Course Number		Course Title	Quarter Hours
WELDING MAJOR - 66 HOURS			
CAD	131	Introduction to Manufacturing	04
WELD	101	Welding Principles	04
WELD	111A	Cutting and Oxy-fuel Welding	05
WELD	116	Gas Metal Arc Welding	05
WELD	121	Gas Tungsten Arc Welding	05
WELD	126	Shielded Metal Arc Welding	05
WELD	131	Metallurgy	04
WELD	191	Welding Practicum	04
WELD	201	Advanced Welding Principles	04
WELD	211	Advanced Welding and Cutting Processes	05
WELD	221	Welding Fabrication Practicum I	04
WELD	222	Welding Fabrication Practicum II	04
WELD	241	Technical Drawing and Design	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
SELECT 4 CREDIT HOURS FROM THE FOLLOWING:			
CAD	151	Application of Engineering Handbooks	04
WELD	296	Welding Certification I	01
WELD	297	Welding Certification II	01
WELD	298	Welding Certification III	01
WELD	299	Welding Certification IV	01
GENERAL EDUCATION MAJOR - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**98**

BACHELOR DEGREE PROGRAM

INTERIOR DESIGN

Bachelor of Science

This program is designed to enhance residential design skills with a concentration in commercial design. Design projects prepare students to work in a contract design studio and/or architectural facility. Students select and specify appropriate materials and furnishings according to industry codes and standards, and apply knowledge to manual and computer generated drawings. Current building codes and guidelines will be applied to contractual documents in compliance with sustainable and universal design. Presentational skills are proficiently applied to advanced rendering illustrations and oral presentations. Business courses enhance professionalism and provide a solid foundation for dealing with the corporate world. The program and courses were designed in accordance with the CIDA (Council for Interior Design Accreditation) Professional Standards.

Course Number		Course Title	Quarter Hours
INTERIOR DESIGN MAJOR - 123 HOURS			
ACT	205	Computer Aided Architectural Drawing II	04
IND	100	Introduction to Interior Design	04
IND	102	Workroom Practices	04
IND	104	Interior Design Business Practices	04
IND	105C	Textiles	04
IND	111A	Space Planning I	04
IND	112A	Space Planning II	04
IND	121	Interior Design Graphics	04
IND	131	Introduction to CAD	02
IND	151	Interior Design Sales	04
IND	201	History of Furnishing	04
IND	202	Rendering Techniques and Perspectives	04
IND	214	20-20 CAD	02
IND	221	Building Systems	04
IND	231	Studio Bath	04
IND	241	Studio Kitchen	04
IND	253A	Portfolio Projects	04
IND	301	Building Codes and Construction	04
IND	321	Advanced Rendering Techniques and Perspectives	04
IND	331	3-D Modeling	04
IND	341	Universal Design	04
IND	351	Sustainable Design	04
IND	361	Healthcare Design	04
IND	401	Lighting Design	04
IND	421	Historical Preservation	04
IND	431	Commercial Design I	04
IND	432	Commercial Design II	04
IND	491	Senior Design Studio	04
IND	499	Senior Design Portfolio	02
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
ACT	103	Computer Aided Architectural Drawing I	04
IND	215	Interior Design CAD	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ACT	202	Mechanical Systems	04
IND	141	Electrical and Mechanical Factors	04
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	265	Kitchen and Bath Design Work Experience	04
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 68 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
ENG	311	Creative Writing	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	401A	Philosophy of Ethics	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
PSY	101	Human Relations	04
PSY	231	Organizational Psychology	04
SCI	451	Environmental Science	04
SOC	201	Sociology	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	401A	Professional Speaking	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**191**

ELECTIVES

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Associate Degree)			
ELECT	**120A**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
COMPUTER LITERACY ELECTIVES			
ELECT	**161A**	**Computer Literacy Elective**	
ELECT	**161B**	**Computer Literacy Elective**	
ELECT	**161C**	**Computer Literacy Elective**	
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04

PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)

ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04

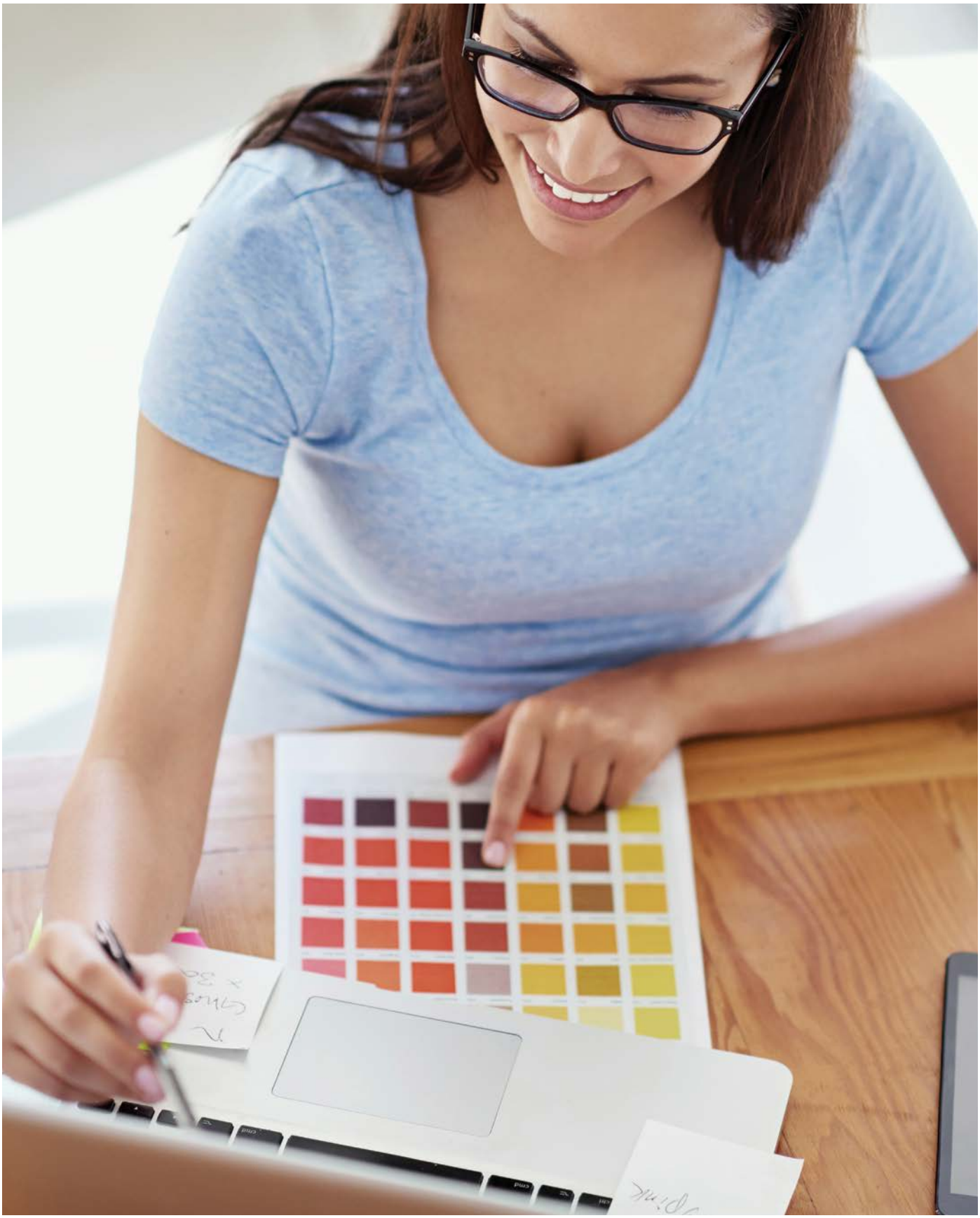
SCIENTIFIC INQUIRY ELECTIVES (Bachelor Degree)

ELECT	**111A**	**Scientific Inquiry Elective**	
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04

TECHNICAL ELECTIVES

Course Number		Course Title	Quarter Hours
AUTOMOTIVE SERVICES TECHNOLOGY ELECTIVES			
AST	**100A**	**Automotive Services Technology Elective**	
AST	**100B**	**Automotive Services Technology Elective**	
AST	**100D**	**Automotive Services Technology Elective**	
AST	**100E**	**Automotive Services Technology Elective**	
ABT	151	MIG Welding	05
AST	102	Engine Performance I	06
AST	103	Engine Performance II	06
AST	122	Engine Repair II	04
AST	211	Introduction to Hybrid Vehicles	04
AST	221A	Automotive Brake Service	06
AST	231A	Automotive Suspension/Steering	06
AST	241A	Heating/Air Conditioning	06
AST	251	Automatic Transmission and Transaxle	08
AST	261	Manual Drive Train and Axles	06
DSL	151	Welding for Heavy Duty Repair	04
DIESEL SERVICE TECHNOLOGY ELECTIVES			
DSL	**100A**	**Diesel Service Technology Elective**	
DSL	**100B**	**Diesel Service Technology Elective**	
AG	221	Agriculture Equipment and Tooling	04
DSL	211	CDL Preparation for Diesel Service Technician	04
DSL	241	Heavy-Duty Heating/Air Conditioning	06
DSL	251	Auxiliary Systems	04
DSL	261	Heavy Duty Drive Trains	06
DSL	285	Power Generation	04
DSL	291	Hydraulics	05

For more information or to see program videos, please visit baker.edu.



The mission of the Business Administration Division is to enable graduates to meet the challenges of the dynamic and complex business environment. Our quality-focused, market-driven, and rigorous program curricula will establish and enhance core business knowledge and ability to anticipate and react to societal changes, as well as provide students with technological proficiency, the ability to make ethical decisions, and the communication skills that embody the professional acumen graduates need to make positive contributions to their chosen fields.

Many of the courses and programs at Baker College are offered in an online delivery format. See page 137 for Baker College Online programs. Contact your campus Academic/Administrative Office for details about Online courses.

A new student may choose an "Undeclared but Degree Seeking" program. A student also may add a limited number of "Student Elected Classes" to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus academic staff to discuss requirements.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.

COLLEGE OF BUSINESS
UNDERGRADUATE PROGRAMS

Dean of the College of Business: Cleamon Moorer, DBA

CERTIFICATES
Baking and Pastry ..... PG. 54

ASSOCIATE DEGREES
Associate of Applied Science
Baking and Pastry ..... PG. 55
Culinary Arts ..... PG. 56
Food and Beverage Management ..... PG. 56

Associate of Business
* Accounting ..... PG. 54
Business Administration ..... PG. 55
Paralegal ..... PG. 57

BACHELOR DEGREES
Bachelor of Business Administration
* Accounting ..... PG. 57
* Business Administration - Accelerated Program ..... PG. 58
* Finance ..... PG. 59
* Human Resource Management ..... PG. 60
* Management ..... PG. 62
* Marketing ..... PG. 63
Supply Chain Management ..... PG. 64

Bachelor of Food and Beverage Management ..... PG. 59

Bachelor of Science in Legal Studies ..... PG. 61

ELECTIVES
General Education Electives ..... PG. 65

International Assembly for Collegiate Business Education • IACBE.org
Baker College has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE) located at 11374 Strang Line Road in Lenexa, Kansas. Web Address: www.iacbe.org. The business programs designated with an asterisk (*) are accredited by the IACBE.

CERTIFICATE PROGRAMS

BAKING AND PASTRY

Certificate

The one-year Baking and Pastry Arts program certificate is designed to prepare graduates for employment in retail deli-bakeries, fine dining restaurants, pastry and bakery shops, commercial baking, and hotel and resort bake shops. The program combines extensive hands-on training and classroom study to prepare students in the baking and pastry field. Successful graduates will be prepared to enter the workforce and obtain positions such as assistant pastry chef, assistant baker, lead baker, or wedding cake decorator. Students receive extensive training in the development and preparation of breads, pies, cookies, specialty breads and pastries, fruit bars, tortes, and international desserts. In addition, the curriculum also includes classes in management, food safety and sanitation, and nutrition.

Course Number		Course Title	Quarter Hours
REQUIRED COURSES - 59 HOURS			
BPA	111	Baking Techniques I	06
BPA	112	Baking Techniques II	06
BPA	151	Pastry Techniques I	06
BPA	152	Pastry Techniques II	06
BPA	153	Pastry Techniques III	06
BPA	251A	Cafe and Restaurant Production	06
CUL	101	Introduction to Food Service and Hospitality	02
CUL	115A	Culinary Math	04
CUL	131B	Food Safety	02
CUL	141	Nutrition	02
ENG	101	Composition I	04
FBM	221	Menu Planning and Analysis	04
MTH	108	College Mathematics I: Reasoning and Application	04
WRK	291B	Professional Career Strategies	01
QUARTER HOURS REQUIRED FOR GRADUATION			**59**

THE CULINARY INSTITUTE of MICHIGAN®
A DIVISION OF BAKER COLLEGE

ASSOCIATE DEGREE PROGRAMS

ACCOUNTING

Associate of Business Degree

This program prepares students for entry-level positions in the accounting field. The coursework will develop the skills necessary to record, present, and analyze financial data as well as provide learning experiences that will shape the competencies required for successful office management, accounting clerk, staff accountant, and bookkeeper positions. Students wishing to obtain the national certification for bookkeepers may elect this option. Students who desire CPA licensure should elect the BBA Accounting program.

IACBE Accredited

Course Number		Course Title	Quarter Hours
ACCOUNTING MAJOR - 27 HOURS			
ACC	231	Computerized Accounting	04
ACC	241	Accounting Concepts	04
ACC	251	Payroll Accounting	04
ACC	301	Intermediate Accounting I	04
ACC	341B	Individual Taxation	04
ELECT	100A	Elective	04
INF	113	Electronic Spreadsheets	02
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 32 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MKT	111B	Principles of Marketing	04
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**95**

BAKING AND PASTRY

Associate of Applied Science Degree

This program trains and prepares graduates for pastry chef and other bakery supervisory positions. People with baking and pastry skills are employed in retail bakeries, fine dining restaurants, pastry and bakery shops, commercial baking operations, country clubs, and hotel and resort bake shops, where they utilize their experiences to artfully prepare baked goods, specialty breads and pastries, cookies, petit fours, wedding cakes, specialty sugar and chocolate showpieces. This program also prepares graduates to skillfully manage the respective operations as well as prepare them for leadership roles in the bakeshop and in the special knowledge and techniques used in professional baking and pastry outlets. Typical duties include production of pastries, staff selection and training, purchasing, inventory control, item costing and overall bakeshop management.

Course Number		Course Title	Quarter Hours
BAKING AND PASTRY ARTS MAJOR - 83 HOURS			
BPA	111	Baking Techniques I	06
BPA	112	Baking Techniques II	06
BPA	151	Pastry Techniques I	06
BPA	152	Pastry Techniques II	06
BPA	153	Pastry Techniques III	06
BPA	221	Advanced Confectionary Arts I	06
BPA	222	Advanced Confectionary Arts II	06
BPA	223	Advanced Confectionary Arts III	06
BPA	251A	Cafe and Restaurant Production	06
CUL	101	Introduction to Food Service and Hospitality	02
CUL	110	Product Identification	02
CUL	115A	Culinary Math	02
CUL	131B	Food Safety	02
CUL	141	Nutrition	02
CUL	221	Purchasing and Cost Control	04
FBM	221	Menu Planning and Analysis	04
FBM	241	Food and Beverage Management	04
WRK	291B	Professional Career Strategies	01
WRKCM	201A	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**115**

THE CULINARY INSTITUTE of MICHIGAN®
A DIVISION OF BAKER COLLEGE

BUSINESS ADMINISTRATION

Associate of Business Degree

The Business Administration Associate Degree program provides students a fundamental knowledge of business functions and processes and an understanding of business organizations in today's global economy. Students will discover the functional areas of business including accounting, finance, management, and marketing. Students will also explore concepts in entrepreneurship, business law, and economics. This program prepares students for a successful entry-level career in the business environment.

Course Number		Course Title	Quarter Hours
BUSINESS ADMINISTRATION MAJOR - 29 HOURS			
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
SELECT 24 CREDITS FROM THE FOLLOWING:			
BUS	211	Business Analytics	04
ELECT	100A	Transfer/Work/Military Credits	04
ELECT	100B	Transfer/Work/Military Credits	04
ELECT	100C	Transfer/Work/Military Credits	04
EN	201	Introduction to Entrepreneurship	04
MGT	111	Professional Management Behavior	04
MGT	212A	Staffing and Performance Management	04
MGT	222	Management Seminar	04
PPM	301	Project Management	04
BUSINESS REQUIREMENTS - 32 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MKT	111B	Principles of Marketing	04
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**93**

CULINARY ARTS

Associate of Applied Science Degree

This program trains and prepares graduates for chef and other kitchen supervisory positions. People with culinary arts skills are employed in restaurants, hotels, institutional settings, delis, and catering companies, where they utilize their experience to artfully prepare culinary specialties and skillfully manage these respective operations. This program prepares graduates for leadership roles in the kitchen and in the knowledge and techniques used in quantity gourmet food preparation. The Baker College Culinary Arts Program in Muskegon is accredited with Exemplary status by the ACF (American Culinary Federation) accrediting commission. Successful graduates will be eligible to take their Certified Culinarian Certification examination. Instruction is provided through a combination of classroom, hands-on labs, and internship experience.

Course Number		Course Title	Quarter Hours
CULINARY ARTS MAJOR - 87 HOURS			
CUL	101	Introduction to Food Service and Hospitality	02
CUL	110	Product Identification	02
CUL	115A	Culinary Math	04
CUL	131B	Food Safety	02
CUL	141	Nutrition	02
CUL	151	Culinary Skills I	08
CUL	152	Culinary Skills II	08
CUL	153	Culinary Skills III	08
CUL	161	Competitive Cooking	06
CUL	201	Restaurant Techniques	08
CUL	216	Baking for Culinary Students	06
CUL	221	Purchasing and Cost Control	04
CUL	222A	Table Service	08
CUL	231A	Garde Manger	06
FBM	221	Menu Planning and Analysis	04
FBM	241	Food and Beverage Management	04
WRK	291B	Professional Career Strategies	01
WRKCM	201A	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**119**

THE CULINARY INSTITUTE of MICHIGAN®
A DIVISION OF BAKER COLLEGE

FOOD AND BEVERAGE MANAGEMENT

Associate of Applied Science Degree

This program provides training in the supervision and management of food and beverage operations focusing on food preparation, dining room services, and beverage operations. This program provides a combination of extensive laboratory hands-on training, cooperative work experience, and classroom training. Successful graduates will be prepared for careers as supervisors in food and beverage operations, in restaurants, hotels, hospitals, delis and catering operations, and in corporate food settings. Successful graduates will be prepared to work in such positions as assistant chefs, assistant dining room and/or catering managers, catering and event sales people, assistant managers, assistant food and beverage directors, and as food and beverage owners/operators.

Course Number		Course Title	Quarter Hours
FOOD AND BEVERAGE MANAGEMENT MAJOR - 79 HOURS			
CUL	101	Introduction to Food Service and Hospitality	02
CUL	110	Product Identification	02
CUL	115A	Culinary Math	04
CUL	131B	Food Safety	02
CUL	221	Purchasing and Cost Control	04
CUL	222A	Table Service	08
FBM	111	The History and Culture of Eating and Drinking	04
FBM	121	Culinary Fundamentals	06
FBM	131	Accounting for Food and Beverage Managers	04
FBM	151	Liquor Identification and Liabilities	04
FBM	221	Menu Planning and Analysis	04
FBM	231	Hospitality Financial Management	04
FBM	241	Food and Beverage Management	04
FBM	251	Introduction to Wine	04
FBM	255	Beer Styles and Service	04
FBM	261	Bar Management and Mixology	06
FBM	281	Restaurant Operations	08
WRK	291B	Professional Career Strategies	01
WRKCM	201A	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 36 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SOC	201	Sociology	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**115**

THE CULINARY INSTITUTE of MICHIGAN®
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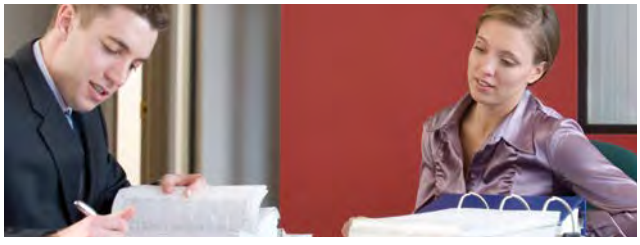
PARALEGAL

Associate of Business Degree

This program is designed to offer education in paralegal studies. Core courses prepare students to assist attorneys by drafting legal documents, interacting with clients, and assisting in court. Students will conduct research and prepare memoranda to aid attorneys in resolving legal issues. Students will learn to assist attorneys with discovery, which includes responding to interrogatories, producing documents, and interviewing witnesses. Students may use their paralegal education in private law firms, corporations, nonprofit organizations, court systems, real estate title companies, banks, insurance companies, healthcare companies, and local, state, and federal government agencies. A paralegal is qualified by education, training, or work experience to be employed or retained by a lawyer, law office, corporation, governmental agency, or other entity and performs specifically delegated substantive legal work for which a lawyer is responsible. Paralegals may not provide legal services directly to the public except as permitted by law. This program has been approved by the American Bar Association at the Auburn Hills and Clinton Township campuses.



Course Number		Course Title	Quarter Hours
PARALEGAL MAJOR - 61 HOURS			
ACC	121	Fundamentals of Accounting I	04
MGT	141	Principles of Management	04
PAR	101	Law, Legal Profession, and Terminology	04
PAR	111	Legal Writing, Research, and Analysis I	04
PAR	112	Legal Writing, Research, and Analysis II	04
PAR	113A	Legal Writing, Research, and Analysis III	04
PAR	131A	Law Office Technology and Ethics	04
PAR	201	Torts	04
PAR	211	Criminal Law and Procedures	04
PAR	221	Business Organizations	04
PAR	231A	Wills, Trust, and Probate Administration	04
PAR	241	Contract Law	04
PAR	291	Civil Litigation	04
POL	201A	American Political Systems	04
WRK	215	Paralegal Work Experience	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**93**

BACHELOR DEGREE PROGRAMS

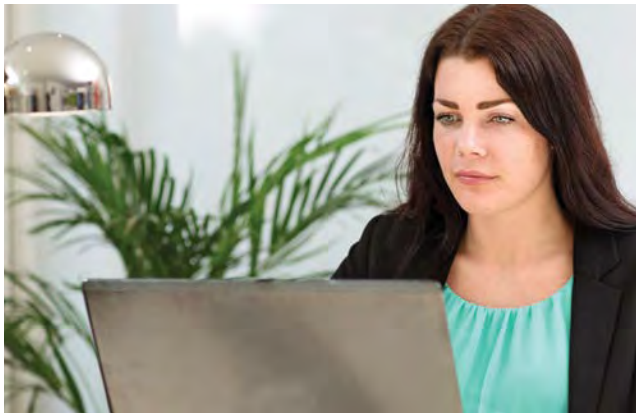
ACCOUNTING

Bachelor of Business Administration

This program emphasizes practical application as well as the theoretical aspects of the discipline of accounting to prepare students for professional careers in public, managerial, and governmental accounting and/or advanced study within the discipline. Students will gain an understanding of the social, ethical, economic, legal, and regulatory environment in which businesses operate and develop the problem-solving, decision-making, communication, and leadership skills necessary to compete in a dynamic global marketplace. Students completing this degree are eligible to sit for the Uniform Certified Public Accountant Examination in Michigan (see below).

Beginning July 1, 2003, students pursuing a CPA licensure in the state of Michigan will be required to have obtained 225 quarter hours of credit prior to applying for a CPA license. While the BBA Accounting Program satisfies the requirements to sit for the Uniform Certified Public Accountant Examination, additional credit is needed for licensure. Individuals are therefore advised to contact the Michigan State Board of Accountancy Licensing Bureau for further information. Students wishing to become eligible to sit for the examination in other states are recommended to check with the National Association of State Boards of Accountancy (www.nasba.org), which serves as a forum for the 54 U.S. boards of accountancy, for the state in which they intend to practice.

IACBE Accredited



Course Number		Course Title	Quarter Hours
ACCOUNTING MAJOR - 63 HOURS			
ACC	241	Accounting Concepts	04
ACC	301	Intermediate Accounting I	04
ACC	302	Intermediate Accounting II	04
ACC	303	Intermediate Accounting III	04
ACC	312B	Business Entities Taxation	04
ACC	331A	Cost Accounting	04
ACC	341B	Individual Taxation	04
ACC	416	Auditing, Systems, and Controls I	04
ACC	417	Auditing, Systems, and Controls II	04
ACC	431B	Governmental and Non-Profit Accounting	04
ACC	441	Advanced Accounting	04
ELECT	100A	Elective	04
INF	113	Electronic Spreadsheets	02
LAW	312	Advanced Business Law	04
MGT	431	Strategic Management	04
WRK	291B	Professional Career Strategies	01
WRK	495	Accounting Work Experience	04

BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

The following minors are available with this program:

- **COMPUTER INFORMATION SYSTEMS MINOR**
- **ENTREPRENEURSHIP MINOR**
- **FINANCE MINOR**
- **FLEX STUDIES MINOR**
- **HUMAN RESOURCE MANAGEMENT MINOR**
- **MANAGEMENT MINOR**
- **MARKETING MINOR**
- **MEDICAL OFFICE MINOR**
- **NON-PROFIT MINOR**
- **PROJECT MANAGEMENT MINOR**
- **PSYCHOLOGY MINOR**
- **SUPPLY CHAIN MANAGEMENT MINOR**

BUSINESS ADMINISTRATION ACCELERATED PROGRAM

Bachelor of Business Administration

Turn previous college credits and work experience into a bachelor degree—in just one to two years. Whether the student has earned an associate degree or an assortment of college credits, Baker College can consolidate transcripts—and turn work experience into credits—toward a Bachelor Degree in Business Administration.

This program is designed for the transfer student, military servicemember, or working professional and combines core coursework with experiential credit to provide a contemporary business degree for today's business environment. Elective credit requirement may be satisfied through portfolio, transfer credit, or additional coursework.

This program is designed to help you earn a bachelor degree as quickly and conveniently as possible. Transfer in up to 132 hours of credit in any combination of General Education, Electives, and Core Competencies. Classes are available at all twelve of our Michigan locations and can be completed on-campus, online, or a combination of both.

Course Number		Course Title	Quarter Hours
APPROVED CREDIT - 132 HOURS			
Elective		Transfer/Work/Military Credits	60
GenEd		Transfer/Work/Military Credits	72
REQUIRED CORE COMPETENCIES - 24 HOURS			
ACC	100	Elective	04
ECON	100	Elective	04
FIN	100	Elective	04
LAW	100	Elective	04
MGT	100	Elective	04
MKT	100	Elective	04
MAJOR CORE - 24 HOURS			
BUS	401	International Business	06
BUS	421	Marketing & Management	06
BUS	431	Strategic MGT	06
HRM	401R	Human Resources and Employment Law	06
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

FINANCE

Bachelor of Business Administration

This program emphasizes finance as the study of resource allocation, which includes financial markets, instruments, individuals, and institutions that manage money and assets. Students gain an understanding of financial theory and practice from various perspectives including banking, financial services, financial planning, and corporate finance. Students also gain an understanding of the social, ethical, economic, legal, and regulatory environment in which businesses operate and develop the problem-solving, decision-making, communication, and leadership skills necessary to compete in a dynamic global marketplace. Graduates from this program may enter the fields of corporate finance, investment banking, financial markets and services, and insurance.

Course Number		Course Title	Quarter Hours
FINANCE MAJOR - 69 HOURS			
ACC	231	Computerized Accounting	04
ACC	241	Accounting Concepts	04
ACC	341B	Individual Taxation	04
CIS	313A	Intermediate Spreadsheets	04
FIN	315	Risk Management	04
FIN	325	Banking and Financial Institutions	04
FIN	341	Credit Analysis and Commercial Lending	04
FIN	355	Financial Markets	04
FIN	401	Personal Financial Planning	04
FIN	451A	International Financial Management	04
FIN	461	Investment Management	04
FIN	471	Financial Statement Analysis	04
FIN	491	Finance Seminar	04
INF	113	Electronic Spreadsheets	02
INF	131	Internet and the World Wide Web	02
MGT	114	Customer Service	04
MKT	201	Sales	04
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 40 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

FOOD AND BEVERAGE MANAGEMENT

Bachelor of Science

A Food and Beverage Manager is responsible for the total management of a food service operation. In this program, students combine classroom, hands-on laboratory, and cooperative education experience. Students learn staff selection and training, menu planning, purchasing and inventory control, coordination of marketing activities, dining room management, bar management, and the overall management of a food service operation. With completion of this program, graduates will have the knowledge and skills essential for a position as a general food service manager, restaurant and dining room manager, bar manager, wine or beer distribution representative, wine steward, banquet and catering director, catering and event director/coordinator, or food service owner/operator. Graduates are prepared for a range of employment opportunities—commercial and private restaurants, hotels, hospitals, deli and catering operations, schools, or corporate food settings.

Course Number		Course Title	Quarter Hours
FOOD AND BEVERAGE MANAGEMENT MAJOR - 109 HOURS			
CUL	101	Introduction to Food Service and Hospitality	02
CUL	110	Product Identification	02
CUL	115A	Culinary Math	04
CUL	131B	Food Safety	02
CUL	221	Purchasing and Cost Control	04
CUL	222A	Table Service	08
FBM	111	The History and Culture of Eating and Drinking	04
FBM	121	Culinary Fundamentals	06
FBM	131	Accounting for Food and Beverage Managers	04
FBM	151	Liquor Identification and Liabilities	04
FBM	221	Menu Planning and Analysis	04
FBM	231	Hospitality Financial Management	04
FBM	241	Food and Beverage Management	04
FBM	251	Introduction to Wine	04
FBM	255	Beer Styles and Service	04
FBM	261	Bar Management and Mixology	06
FBM	281	Restaurant Operations	08
FBM	331A	Hospitality Marketing	04
FBM	341	Wine and Viticulture	06
FBM	351A	Banquet Meeting and Planning	04

FBM	401	Hospitality Human Resource Management	04
FBM	441	Hospitality Ownership and Entrepreneurship	04
FBM	451A	Controlling and Analyzing Foodservice Operational Costs	04
WRK	291B	Professional Career Strategies	01
WRK	486A	Food and Beverage Management Externship	04
WRKCM	201A	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
GEO	101B	World Geography I	04
HUM	401A	Philosophy of Ethics	04
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
PSY	101	Human Relations	04
SCI	451	Environmental Science	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	211	Group Dynamics	04
SPN	101	Spanish I	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

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HUMAN RESOURCE MANAGEMENT

Bachelor of Business Administration

This program offers an opportunity for students to acquire a career-focused human resource management undergraduate degree with an integrative approach to understanding various human resource management functions. This program provides an intensive strategic understanding of workforce planning and development; compensations and benefits; global human resource management; and employee health and safety.

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Course Number		Course Title	Quarter Hours
HUMAN RESOURCE MAJOR - 41 HOURS			
HRM	215A	Staffing Human Resources	04
HRM	225A	Training and Developing Human Resources	04
HRM	291	Human Resource Seminar	04
HRM	300	Compensating Human Resources	04
HRM	315A	Performance Management of Human Resources	04
HRM	401	Human Resources and Employment Law	04
HRM	435B	International Human Resource Management	04
HRM	491	Strategic Human Resource Management	04
MGT	212A	Staffing and Performance Management	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
MINOR REQUIREMENTS - 24 HOURS			
See list of minors below.			
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

Students interested in completing the 5 Year MBA Program must apply to the Center for Graduate Studies for acceptance into the program. Students considering this program should contact their Academic Advisor to review program requirements and acceptance criteria. A minimum 3.5 GPA is required.

The following minors are available with this program:

- **ACCOUNTING MINOR**
- **COMPUTER INFORMATION SYSTEMS MINOR**
- **ENTREPRENEURSHIP MINOR**
- **FINANCE MINOR**
- **FLEX STUDIES MINOR**
- **5 YEAR MBA MINOR**
- **MANAGEMENT MINOR**
- **MARKETING MINOR**
- **MEDICAL OFFICE MINOR**
- **NON-PROFIT MINOR**
- **PROJECT MANAGEMENT MINOR:**
- **PSYCHOLOGY MINOR**
- **SUPPLY CHAIN MANAGEMENT MINOR**

LEGAL STUDIES

Bachelor of Science

This program offers students the opportunity to obtain a Bachelor of Science in Legal Studies and receive a quality higher education and appropriate training to enable them to be successful in their careers as paralegals. This program provides students with practical paralegal skills in conjunction with a well-rounded education in anticipation of their service in a modern, multi-cultural society. Highly competent graduates will be able to assist attorneys in various areas of law and in diverse legal settings. These objectives are met through carefully designed, application-driven academic requirements; practical internship experience; and academic advising throughout the program.

A paralegal is qualified by education, training, or work experience to be employed or retained by a lawyer, law office, corporation, governmental agency, or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. Paralegals may not provide legal services directly to the public except as permitted by law. This program has been approved by the American Bar Association at the Auburn Hills campus only.

Course Number		Course Title	Quarter Hours
LEGAL STUDIES MAJOR - 109 HOURS			
ACC	121	Fundamentals of Accounting I	04
MGT	141	Principles of Management	04
PAR	101	Law, Legal Profession, and Terminology	04
PAR	111	Legal Writing, Research, and Analysis I	04
PAR	112	Legal Writing, Research, and Analysis II	04
PAR	113A	Legal Writing, Research, and Analysis III	04
PAR	131A	Law Office Technology and Ethics	04
PAR	201	Torts	04
PAR	211	Criminal Law and Procedures	04
PAR	221	Business Organizations	04
PAR	231A	Wills, Trust, and Probate Administration	04
PAR	241	Contract Law	04
PAR	291	Civil Litigation	04
PAR	321	Family Law	04
PAR	341	Elder Law	04
PAR	351	Property and Real Estate Law	04
PAR	361	Employment and Labor Law	04
PAR	371	Debtor/Creditor Law (Bankruptcy)	04
PAR	421	Administrative Law	04
PAR	431	Legal Technology and Software	04
PAR	491	Evidence (Litigation II)	04
POL	201A	American Political Systems	04
SOC	201	Sociology	04
WRK	215	Paralegal Work Experience	04
WRK	291B	Professional Career Strategies	01
SELECT 2 COURSES FROM THE FOLLOWING:			
PAR	335	Healthcare and Insurance Law	04
PAR	345	Alternative Dispute Resolution	04
PAR	435	Immigration Law	04
PAR	445	Intellectual Property Law	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
ITP	111	American Sign Language I	04
MED	103	Medical Terminology	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 2 COURSES FROM THE FOLLOWING:			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	411	Studies in Literature	04
SELECT 2 COURSES FROM THE FOLLOWING:			
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
POL	401	International Relations	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 2 COURSES FROM THE FOLLOWING:			
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	301	Social Problems	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SCI	246	Chemistry I	04
SCI	247	Chemistry II	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

MANAGEMENT

Bachelor of Business Administration

The objective of this program is to train broadly competent managers for leadership roles in a wide variety of organizations public or private, product or service oriented, profit or not-for-profit. To accomplish this basic objective, this program offers students the opportunity to acquire knowledge about the management of human and physical resources and to acquire skills useful in the management of any organization. This program emphasizes the importance of effective oral and written communication, teamwork, decision making, entrepreneurial management, and diversity in the business environment. In addition, this program introduces students to the application and strategic use of the acquired knowledge and skills in areas such as personnel management, organizational behavior, production management, international business, and small business.

IACBE Accredited

Course Number		Course Title	Quarter Hours
MANAGEMENT MAJOR - 45 HOURS			
BUS	211	Business Analytics	04
MGT	111	Professional Management Behavior	04
MGT	141	Principles of Management	04
MGT	212A	Staffing and Performance Management	04
MGT	221	Applied Business Analytics	04
MGT	222	Management Seminar	04
MGT	331	Applied Leadership	04
MGT	341	Globalization and Diversity	04
MGT	422	Operations Management	04
MGT	431	Strategic Management	04
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
MINOR REQUIREMENTS - 24 HOURS			
See list of minors below.			
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

Students interested in completing the 5 Year MBA Program must apply to the Center for Graduate Studies for acceptance into the program. Students considering this program should contact their Academic Advisor to review program requirements and acceptance criteria. A minimum 3.5 GPA is required.

The following minors are available with this program:

- **ACCOUNTING MINOR**
- **COMPUTER INFORMATION SYSTEMS MINOR**
- **ENTREPRENEURSHIP MINOR**
- **FINANCE MINOR**
- **FLEX STUDIES MINOR**
- **5 YEAR MBA MINOR**
- **MANAGEMENT MINOR**
- **MARKETING MINOR**
- **MEDICAL OFFICE MINOR**
- **NON-PROFIT MINOR**
- **PROJECT MANAGEMENT MINOR**
- **PSYCHOLOGY MINOR**
- **SUPPLY CHAIN MANAGEMENT MINOR**

MARKETING

Bachelor of Business Administration

Marketers provide the link between businesses that have goods and services to sell and customers who want to purchase them. The marketing process involves a variety of activities including research, strategic planning, product development, sales management, and marketing communications. Students in this program participate in active learning and demonstrate an understanding of basic business principles using case studies, business simulations, computer technology, spreadsheets, written reports, problem analysis, professional presentations, ethical values, a global perspective, and human relations skills through individual and team activities in class and in business situations. This degree offers a solid background in the concepts of marketing and business. A marketing degree can lead to a career in such areas as marketing management, marketing research, personal selling and sales management, retail merchandising and management, and promotional strategy and management.

Course Number		Course Title	Quarter Hours
MARKETING MAJOR - 37 HOURS			
BUS	211	Business Analytics	04
MKT	131	Personal Selling	04
MKT	241	Advertising/Digital Marketing I	04
MKT	261	Marketing Planning	04
MKT	312	Consumer Behavior	04
MKT	342	Digital Marketing II	04
MKT	352	Marketing Analytics II	04
MKT	436	Marketing Strategy and Design	04
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 2 COURSES FROM THE FOLLOWING:			
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
ELECTIVE CREDIT			**24**
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

SUPPLY CHAIN MANAGEMENT

Bachelor of Business Administration

This program provides the skills and knowledge required to be successful throughout a challenging and rewarding career within a supply chain management occupation. Graduates will have opportunities that utilize a multitude of talents and skills, providing an invigorating and exciting career that never grows stagnant. Potential occupations include demand planner, project manager, vendor-managed inventory analyst, logistics analyst, warehouse management, production planner, and transportation specialist. According to the Council of Supply Chain Management Professionals, the supply chain management industry is one of the fastest growing industries within the United States and the world with logistics alone accounting for 9.5% of the U.S. Gross Domestic Product.

Students finishing this program will have completed a well-rounded curriculum including business and general education cores, as well as the major core that examines all aspects of the industry from raw materials to end users and everything in between. Global perspectives combined with cultural diversity are interwoven within the curriculum creating an awareness of today's business environment that the students will ultimately compete within. For additional information regarding this program, please visit the Baker College website at www.baker.edu/programs.

Course Number		Course Title	Quarter Hours
SUPPLY CHAIN MANAGEMENT MAJOR - 45 HOURS			
CIS	313A	Intermediate Spreadsheets	04
ELECT	100A	Elective	04
ELECT	100B	Elective	04
ELECT	100C	Elective	04
ELECT	100D	Elective	04
MGT	311	Organizational Change	04
SCM	301	Procurement and Supply Chain Management	04
SCM	321	Manufacturing, Planning, and Control	04
SCM	401	Decision Modeling in Supply Chains	04
SCM	421	Advanced Topics in Supply Chain Management	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	301	Internship	04
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 44 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 68 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
MINOR REQUIREMENTS - 24 HOURS			
See list of minors below.			
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

The following minors are available with this program:

- **ACCOUNTING MINOR**
- **COMPUTER INFORMATION SYSTEMS MINOR**
- **ENTREPRENEURSHIP MINOR**
- **FINANCE MINOR**
- **FLEX STUDIES MINOR**
- **HUMAN RESOURCE MANAGEMENT MINOR**
- **MARKETING MINOR**
- **PROJECT MANAGEMENT MINOR**
- **PSYCHOLOGY MINOR**
- **WEB DEVELOPMENT MINOR**

ELECTIVES

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Associate Degree)			
ELECT	**120A**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
COMPUTER LITERACY ELECTIVES			
ELECT	**161A**	**Computer Literacy Elective**	
ELECT	**161B**	**Computer Literacy Elective**	
ELECT	**161C**	**Computer Literacy Elective**	
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04

PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)

ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04

SCIENTIFIC INQUIRY ELECTIVES (Bachelor Degree)

ELECT	**111A**	**Scientific Inquiry Elective**	
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04

For more information or to see program videos, please visit baker.edu.

There is significantly higher demand for educators who specialize in certain areas, such as early childhood education and mathematics, as well as those with licenses in multiple subjects. Salary, advancement, and job satisfaction increase with each additional certification and degree.

Many of the courses and programs at Baker College are offered in an online delivery format. See page 137 for Baker College Online programs. Contact your campus Academic/Administrative Office for details about Online courses.

A new student may choose an "Undeclared but Degree Seeking" program. A student also may add a limited number of "Student Elected Classes" to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus Education staff to discuss requirements.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.

Baker College Centers for Excellence in Education (located on the Clinton Township, Muskegon, and Owosso campuses) offer all Education programs in their entirety. Students may complete, at minimum, the first two years of any Education program at these campus locations: Allen Park, Auburn Hills, Cadillac, Flint, and Jackson. Education programs started on one of these campuses may then be completed by attending classes at one of the Centers of Excellence, or through a combination of attending a Center of Excellence, online coursework, or distance learning.

The Baker College Teacher Education Program is awarded TEAC accreditation by the Inquiry Brief Commission of the Council for the Accreditation of Educator Preparation (CAEP) for a period of five years, from October 26, 2014 to October 26, 2019. The accreditation does not include individual education courses that the EPP offers to P-12 educators for professional development, re-licensure, or other purposes. Teacher Education Accreditation Council (TEAC): www.teac.org. Council for the Accreditation of Educator Preparation (CAEP): www.caepnet.org.

The Early Childhood Education Associate Degree Program is accredited by the National Association for the Education of Young Children (NAEYC). 1313 L. Street NW, Suite 500, Washington, DC 20005; phone: 202-232-8777, toll free: 800-424-2460 or 866-NAEYC-4U; Web address: www.naeyc.org.

COLLEGE OF EDUCATION AND EARLY CHILDHOOD EDUCATION

UNDERGRADUATE PROGRAMS

COLLEGE OF EDUCATION AND EARLY CHILDHOOD EDUCATION

Dean of the College of Education and Early Childhood Education: Carol Dowsett, Ed. D.

CERTIFICATE

CDA Academic Foundations ..... PG. 68

ASSOCIATE DEGREE

Early Childhood Education ..... PG. 68

BACHELOR DEGREES

Bachelor of Science in Early Childhood Education

Early Childhood Education ..... PG. 69

BAKER COLLEGE SCHOOL of EDUCATION

Dean of the School of Education: Chris Schram, Ph. D.

BACHELOR DEGREES

Bachelor of Science in Education

Elementary Teacher Preparation Majors:

Early Childhood ZS (General & Special Education) ..... PG. 70
Language Arts ..... PG. 70
Mathematics ..... PG. 71
Social Studies ..... PG. 72

Secondary Teacher Preparation Majors:

English/Mathematics Major ..... PG. 72
English/Social Studies Major ..... PG. 73
Mathematics/Social Studies Major ..... PG. 74

POSTBACCALAUREATE CERTIFICATES

Level Change

Early Childhood and Elementary Endorsements:

Elementary Education ..... PG. 74
Elementary Education and Early Childhood Education ..... PG. 75

Secondary Endorsements:

Secondary English ..... PG. 75
Secondary Mathematics ..... PG. 76
Secondary Social Studies ..... PG. 76

Additional Endorsement

Elementary Education Endorsements:

Early Childhood ZA to ZS ..... PG. 77
Early Childhood ZS (General & Special Education) ..... PG. 77
Elementary Language Arts ..... PG. 77
Elementary Mathematics ..... PG. 78
Elementary Social Studies ..... PG. 78

Secondary Education Endorsements:

Secondary English ..... PG. 78
Secondary Mathematics ..... PG. 79
Secondary Social Studies ..... PG. 79

ELECTIVES

General Education Electives ..... PG. 80

CERTIFICATE PROGRAM

CDA ACADEMIC FOUNDATIONS

Certificate

This program is designed to assist home learning providers and GSRP or Head Start teacher assistants or aides to earn their CDA Credential—Center Setting, Pre-school, ages 3-5—from the Council for Professional Recognition, while they continue to work. This Baker College certificate program starts in the fall and consists of seven courses to be completed in one year. In this program, you will meet the academic requirements needed for the CDA Pre-school Credential. You will also meet the resource file requirements needed for the CDA Pre-school Credential, and be eligible to apply for part-time financial aid from Baker College and/or the Michigan T.E.A.C.H program.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 25 HOURS			
ECE	101B	Introduction to Early Childhood Education	04
ECE	111B	Early Childhood Development	04
ECE	131A	Healthy Environments for Early Childhood	04
ECE	151A	Administration of Early Childhood Programs	04
ECE	171A	Language Development and Language Arts	04
ECE	191A	CDA Preparation	04
SELECT 1 COURSE FROM THE FOLLOWING:			
HSC	100B	Community First Aid	01
HSC	102	BLS Provider Training and First Aid	01
QUARTER HOURS REQUIRED FOR GRADUATION			**25**

ASSOCIATE PROGRAM

EARLY CHILDHOOD EDUCATION

Associate of Applied Science Degree

This program prepares students for employment opportunities as a child care program director, a pre-school teacher, a teacher assistant, or a family child care manager. Students learn to plan and organize age appropriate curricula and environments for infants, toddlers, pre-school-age children, and school-age children in before and after school settings. This program examines current challenges that early childhood educators will face as they enter this contemporary profession. Characteristics, skills, knowledge, and experiences important in becoming a teacher of young children are presented to the student. Students are involved in several hours of fieldwork experience within various child care settings. This program prepares the student for the Child Development Associate (CDA) assessment process, the national credential recognized by the Council for Professional Recognition. The CDA credential is an entry-level credential that provides a broad foundation in early childhood education. This program does NOT lead to elementary (K-12) certification.

The Early Childhood Education Associate Degree Program is accredited by the National Association for the Education of Young Children (NAEYC). 1313 L. Street NW, Suite 500, Washington, DC 20005; phone: 202-232-8777, toll free: 800-424-24600 or 866-NAEYC-4U; Web address: www.naeyc.org.

Course Number		Course Title	Quarter Hours
EARLY CHILDHOOD EDUCATION MAJOR - 67 HOURS			
ECE	101B	Introduction to Early Childhood Education	04
ECE	111B	Early Childhood Development	04
ECE	131A	Healthy Environments for Early Childhood	04
ECE	141A	Creative Activities	04
ECE	151A	Administration of Early Childhood Programs	04
ECE	165	Observation and Assessment Techniques for Early Childhood Education Programs	04
ECE	171A	Language Development and Language Arts	04
ECE	201C	Infant and Toddler Development and Curriculum	04
ECE	201CL	Infant and Toddler Development and Curriculum Lab	01
ECE	211A	Developing Anti-Bias Curriculum	04
ECE	221B	Math, Science, and Technology for Early Childhood	04
ECE	231	Guidance and Discipline	04
ECE	251	Developing Curriculum for Early Childhood	04
ECE	271B	Early Childhood Education Practicum	04
ECE	281	Parents and Teachers: Partners in Education	04
LIT	321A	Children's Literature	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
ECE	181	The School-Age Child	04
ECE	191A	CDA Preparation	04
SELECT 1 COURSE FROM THE FOLLOWING:			
HSC	100B	Community First Aid	01
HSC	102	BLS Provider Training and First Aid	01

GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	120A	Communication Elective	04
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
PSY	111	General Psychology	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
QUARTER HOURS REQUIRED FOR GRADUATION			**99**

BACHELOR DEGREE PROGRAMS

EARLY CHILDHOOD EDUCATION

Bachelor of Science in Early Childhood Education

This program prepares students for a rewarding career in Early Childhood Education. It will blend higher-level critical applications of the theoretical and practical study of child development and early childhood education in a multitude of professional applications. The Early Childhood Education Bachelor Degree program will require four years of college preparation. The goal of this program is to produce quality Early Childhood Education professionals. Successful graduates may be employed in supervisor and administrative positions, as family advocates, pre-school teachers, home visitors, directors, curriculum developers, and child advocates. This program does NOT lead to elementary (K-12) certification.

Course Number		Course Title	Quarter Hours
EARLY CHILDHOOD EDUCATION MAJOR - 111 HOURS			
ECE	101B	Introduction to Early Childhood Education	04
ECE	111B	Early Childhood Development	04
ECE	131A	Healthy Environments for Early Childhood	04
ECE	141A	Creative Activities	04
ECE	151A	Administration of Early Childhood Programs	04
ECE	165	Observation and Assessment Techniques for Early Childhood Education Programs	04
ECE	171A	Language Development and Language Arts	04
ECE	201C	Infant and Toddler Development and Curriculum	04
ECE	201CL	Infant and Toddler Development and Curriculum Lab	01
ECE	211A	Developing Anti-Bias Curriculum	04
ECE	221B	Math, Science, and Technology for Early Childhood	04
ECE	231	Guidance and Discipline	04
ECE	251	Developing Curriculum for Early Childhood	04
ECE	271B	Early Childhood Education Practicum	04
ECE	281	Parents and Teachers: Partners in Education	04
ECE	301	Advocating for Young Children	04
ECE	351	Philosophies in Early Childhood Education	04
ECE	361	Survey of Curriculum	04
ECE	371	Early Childhood Education Practicum II	04
ECE	372	Implementation of Curriculum in an Early Childhood Education Environment	04
ECE	401	Advanced Infant/Toddler Care	04
ECE	441	Music and Movement for Young Children	04
ECE	451	Early Childhood Education Practicum III	04
ECE	452	Administrative Operations in ECE	04
ECE	461	Early Assessment and Referral	04
ECE	471	Early Literacy Intervention	04
LIT	321A	Children's Literature	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
HSC	100B	Community First Aid	01
HSC	102	BLS Provider Training and First Aid	01
SELECT 1 COURSE FROM THE FOLLOWING:			
ECE	181	The School-Age Child	04
ECE	191A	CDA Preparation	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
ENG	231	Language and Culture	04
GEO	101B	World Geography I	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
PSY	111	General Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	401A	Professional Speaking	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ITP	111	American Sign Language I	04
SPN	101	Spanish I	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MTH	109	College Mathematics II	04
MTH	112A	College Algebra	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

The following minors are available with this program:

- **AMERICAN SIGN LANGUAGE MINOR**
- **HUMAN SERVICES MINOR**
- **NON-PROFIT MINOR**

BAKER COLLEGE
SCHOOL of EDUCATION

ELEMENTARY TEACHER PREPARATION EARLY CHILDHOOD ZS (GENERAL & SPECIAL EDUCATION)

Bachelor of Science in Education

This program provides students with the knowledge and skills necessary to receive a Michigan Provisional Elementary Teaching Certificate, which allows the holder to teach all subjects in general and special education pre-school classrooms, all subjects in kindergarten through grade 5, and in kindergarten through grade 8 self-contained classrooms. Upon graduating and passing the required state tests, students will be eligible to apply for certification.

Course Number		Course Title	Quarter Hours
EARLY CHILDHOOD ZS MAJOR - 53 HOURS			
ECE	111B	Early Childhood Development	04
ECE	141A	Creative Activities	04
ECE	165	Observation and Assessment Techniques for Early Childhood Education Programs	04
ECE	171A	Language Development and Language Arts	04
ECE	201C	Infant and Toddler Development and Curriculum	04
ECE	201CL	Infant and Toddler Development and Curriculum Lab	01
ECE	211A	Developing Anti-Bias Curriculum	04
ECE	221B	Math, Science, and Technology for Early Childhood	04
ECE	231	Guidance and Discipline	04
ECE	251	Developing Curriculum for Early Childhood	04
ECE	281	Parents and Teachers: Partners in Education	04
ECE	461	Early Assessment and Referral	04
ECE	491	Senior Seminar: Early Childhood Education	04
EDU	371	Early Childhood Education ZS Practicum	04
COMPREHENSIVE MAJOR - 75 HOURS			
ENG	211A	Structures of English	05
ENG	321	Language Arts and Linguistic Foundations	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	231	Michigan History	04
HIS	311	Social Studies Foundations	04
HSC	341	Health, Physical Education, and Nutrition for Elementary Teachers	04
HUM	351A	Visual and Performing Arts for Elementary Educators	04
LIT	321A	Children's Literature	04
MTH	211A	Number Concepts for Educators	04
MTH	212A	Geometric and Statistical Concepts for Educators	04
MTH	371	Probability and Statistics for Educators	04
MTH	421A	Math Technology for Educators	04
POL	201A	American Political Systems	04
SCI	351	Science Foundations I: Chemistry and Life Science	05
SCI	352	Science Foundations II: Astronomy, Earth Science, and Physics	05
SCI	451	Environmental Science	04
SPK	205	Oral Interpretation of Literature	04
PROFESSIONAL EDUCATION REQUIREMENTS - 61 HOURS			
EDU	200A	Introduction to Professional Education Experiences	04
EDU	312A	Educational Psychology	04
EDU	321A	Theory and Principles of Reading Instruction	04
EDU	330	The Exceptional Learner	04
EDU	346A	Integrating Technology into 21st Century Learning	04
EDU	351	Instructional Design and Assessment	04
EDU	421A	Reading in the Content Areas	05
EDU	441A	Classroom Management	04
EDU	445A	Educational Foundations	02
EDU	451A	Theory and Techniques: Elementary Language Arts and Social Studies	04
EDU	452	Theory and Techniques: Elementary Mathematics and Science	04
EDU	481A	Directed Teaching I	12
EDU	482A	Directed Teaching II	06
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
HIS	201	United States History to 1865	04
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SPK	201	Oral Communication	04
SELECT ONE COURSE FROM THE FOLLOWING:			
ITP	111	American Sign Language I	04
SPN	101	Spanish I	04
QUARTER HOURS REQUIRED FOR GRADUATION			**221**

ELEMENTARY TEACHER PREPARATION LANGUAGE ARTS

Bachelor of Science in Education

This program provides students with the knowledge and skills necessary to receive a Michigan Provisional Elementary Teaching Certificate, which allows the holder to teach all subjects in kindergarten through grade 5, in kindergarten through grade 8 self-contained classrooms, and language arts in grades 6 through 8. Students complete the language arts major and the elementary studies minor. Upon graduating and passing the required state tests, students will be eligible to apply for certification.

Course Number		Course Title	Quarter Hours
LANGUAGE ARTS MAJOR - 57 HOURS			
ENG	211A	Structures of English	05
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
ENG	493	Senior Seminar: English and Language Arts	04
LIT	321A	Children's Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	405	Literature for Young Adults	04
SPK	201	Oral Communication	04
SPK	205	Oral Interpretation of Literature	04
SPK	211	Group Dynamics	04
PROFESSIONAL EDUCATION REQUIREMENTS - 61 HOURS			
EDU	200A	Introduction to Professional Education Experiences	04
EDU	312A	Educational Psychology	04
EDU	321A	Theory and Principles of Reading Instruction	04
EDU	330	The Exceptional Learner	04
EDU	346A	Integrating Technology into 21st Century Learning	04
EDU	351	Instructional Design and Assessment	04
EDU	421A	Reading in the Content Areas	05
EDU	441A	Classroom Management	04
EDU	445A	Educational Foundations	02
EDU	451A	Theory and Techniques: Elementary Language Arts and Social Studies	04
EDU	452	Theory and Techniques: Elementary Mathematics and Science	04
EDU	481A	Directed Teaching I	12
EDU	482A	Directed Teaching II	06
GENERAL EDUCATION REQUIREMENTS - 48 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	201	United States History to 1865	04
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
MTH	371	Probability and Statistics for Educators	04
POL	201A	American Political Systems	04
SOC	321	Cultural Diversity	04
SELECT ONE COURSE FROM THE FOLLOWING:			
ITP	111	American Sign Language I	04
SPN	101	Spanish I	04
ELEMENTARY STUDIES MINOR (REQUIRED) - 34 HOURS			
ENG	321	Language Arts and Linguistic Foundations	04
HIS	311	Social Studies Foundations	04
HSC	341	Health, Physical Education, and Nutrition for Elementary Teachers	04
HUM	351A	Visual and Performing Arts for Elementary Educators	04
MTH	211A	Number Concepts for Educators	04
MTH	212A	Geometric and Statistical Concepts for Educators	04
SCI	351	Science Foundations I: Chemistry and Life Science	05
SCI	352	Science Foundations II: Astronomy, Earth Science, and Physics	05
QUARTER HOURS REQUIRED FOR GRADUATION			**200**

ELEMENTARY TEACHER PREPARATION MATHEMATICS

Bachelor of Science in Education

This program provides students with the knowledge and skills necessary to receive a Michigan Provisional Elementary Teaching Certificate, which allows the holder to teach all subjects in kindergarten through grade 5, in kindergarten through grade 8 self-contained classrooms, and mathematics in grades 6 through 8. Students complete the mathematics major and the elementary studies minor. Upon graduating and passing the required state tests, students will be eligible to apply for certification.

Course Number		Course Title	Quarter Hours
MATHEMATICS MAJOR - 45 HOURS			
MTH	124	Trigonometry	04
MTH	140	Pre-Calculus	05
MTH	141	Calculus I	04
MTH	211A	Number Concepts for Educators	04
MTH	315A	Algebraic Thinking and Proportional Reasoning	04
MTH	331	Geometry for Elementary Teachers	04
MTH	340	Discrete Mathematics	04
MTH	371	Probability and Statistics for Educators	04
MTH	411A	Reasoning and Proof for Elementary Educators	04
MTH	421A	Math Technology for Educators	04
MTH	493	Senior Seminar: Mathematics	04
PROFESSIONAL EDUCATION REQUIREMENTS - 61 HOURS			
EDU	200A	Introduction to Professional Education Experiences	04
EDU	312A	Educational Psychology	04
EDU	321A	Theory and Principles of Reading Instruction	04
EDU	330	The Exceptional Learner	04
EDU	346A	Integrating Technology into 21st Century Learning	04
EDU	351	Instructional Design and Assessment	04
EDU	421A	Reading in the Content Areas	05
EDU	441A	Classroom Management	04
EDU	445A	Educational Foundations	02
EDU	451A	Theory and Techniques: Elementary Language Arts and Social Studies	04
EDU	452	Theory and Techniques: Elementary Mathematics and Science	04
EDU	481A	Directed Teaching I	12
EDU	482A	Directed Teaching II	06
GENERAL EDUCATION REQUIREMENTS - 44 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	201	United States History to 1865	04
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	112A	College Algebra	04
POL	201A	American Political Systems	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT ONE COURSE FROM THE FOLLOWING:			
ITP	111	American Sign Language I	04
SPN	101	Spanish I	04

ELEMENTARY STUDIES MINOR (REQUIRED) - 30 HOURS			
ENG	321	Language Arts and Linguistic Foundations	04
HIS	311	Social Studies Foundations	04
HSC	341	Health, Physical Education, and Nutrition for Elementary Teachers	04
HUM	351A	Visual and Performing Arts for Elementary Educators	04
LIT	321A	Children's Literature	04
SCI	351	Science Foundations I: Chemistry and Life Science	05
SCI	352	Science Foundations II: Astronomy, Earth Science, and Physics	05
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

ELEMENTARY TEACHER PREPARATION SOCIAL STUDIES

Bachelor of Science in Education

This program provides students with the knowledge and skills necessary to receive a Michigan Provisional Elementary Teaching Certificate, which allows the holder to teach all subjects in kindergarten through grade 5, in kindergarten through grade 8 self-contained classrooms, and social studies in grades 6 through 8. Students complete the social studies major and the elementary studies minor. Upon graduating and passing the required state tests, students will be eligible to apply for certification.

Course Number		Course Title	Quarter Hours
SOCIAL STUDIES MAJOR - 62 HOURS			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	201	United States History to 1865	04
HIS	202	United States History Since 1865	04
HIS	231	Michigan History	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HIS	491A	Senior Seminar: History and Social Studies	04
POL	201A	American Political Systems	04
POL	401	International Relations	04
SOC	211	Service Learning Project	02
PROFESSIONAL EDUCATION REQUIREMENTS - 61 HOURS			
EDU	200A	Introduction to Professional Education Experiences	04
EDU	312A	Educational Psychology	04
EDU	321A	Theory and Principles of Reading Instruction	04
EDU	330	The Exceptional Learner	04
EDU	346A	Integrating Technology into 21st Century Learning	04
EDU	351	Instructional Design and Assessment	04
EDU	421A	Reading in the Content Areas	05
EDU	441A	Classroom Management	04
EDU	445A	Educational Foundations	02
EDU	451A	Theory and Techniques: Elementary Language Arts and Social Studies	04
EDU	452	Theory and Techniques: Elementary Mathematics and Science	04
EDU	481A	Directed Teaching I	12
EDU	482A	Directed Teaching II	06
GENERAL EDUCATION REQUIREMENTS - 36 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
MTH	371	Probability and Statistics for Educators	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT ONE COURSE FROM THE FOLLOWING:			
ITP	111	American Sign Language I	04
SPN	101	Spanish I	04
ELEMENTARY STUDIES MINOR - 38 HOURS			
ENG	321	Language Arts and Linguistic Foundations	04
HIS	311	Social Studies Foundations	04
HSC	341	Health, Physical Education, and Nutrition for Elementary Teachers	04
HUM	351A	Visual and Performing Arts for Elementary Educators	04
LIT	321A	Children's Literature	04
MTH	211A	Number Concepts for Educators	04
MTH	212A	Geometric and Statistical Concepts for Educators	04
SCI	351	Science Foundations I: Chemistry and Life Science	05
SCI	352	Science Foundations II: Astronomy, Earth Science, and Physics	05
QUARTER HOURS REQUIRED FOR GRADUATION			**197**

SECONDARY TEACHER PREPARATION ENGLISH/MATHEMATICS MAJOR

Bachelor of Science in Education

This program provides students with the knowledge and skills necessary to receive a Michigan Provisional Elementary Teaching Certificate, which allows the holder to teach his/her majors in grades 6 through 12. Students complete the English and mathematics majors. Upon graduating and passing the required state tests, students will be eligible to apply for certification.

Course Number		Course Title	Quarter Hours
ENGLISH MAJOR - 45 HOURS			
ENG	211A	Structures of English	05
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	493	Senior Seminar: English and Language Arts	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	405	Literature for Young Adults	04
LIT	411	Studies in Literature	04

MATHEMATICS MAJOR - 53 HOURS			
MTH	124	Trigonometry	04
MTH	140	Pre-Calculus	05
MTH	141	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
MTH	351	Modern Algebra	04
MTH	371	Probability and Statistics for Educators	04
MTH	431	Foundations of College Geometry	04
MTH	451	Introduction to Real Analysis	04
MTH	493	Senior Seminar: Mathematics	04
PROFESSIONAL EDUCATION REQUIREMENTS - 58 HOURS			
EDU	200A	Introduction to Professional Education Experiences	04
EDU	312A	Educational Psychology	04
EDU	330	The Exceptional Learner	04
EDU	346A	Integrating Technology into 21st Century Learning	04
EDU	351	Instructional Design and Assessment	04
EDU	425	Literacy Education in the Secondary School	06
EDU	441A	Classroom Management	04
EDU	445A	Educational Foundations	02
EDU	461A	Theory and Techniques of Instruction: Mathematics (6-12)	04
EDU	462A	Theory and Techniques of Instruction: English (6-12)	04
EDU	481A	Directed Teaching I	12
EDU	482A	Directed Teaching II	06
GENERAL EDUCATION REQUIREMENTS - 44 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	112A	College Algebra	04
POL	201A	American Political Systems	04
SCI	451	Environmental Science	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**200**

SECONDARY TEACHER PREPARATION ENGLISH/SOCIAL STUDIES MAJOR

Bachelor of Science in Education

This program provides students with the knowledge and skills necessary to receive a Michigan Provisional Elementary Teaching Certificate, which allows the holder to teach his/her majors in grades 6 through 12. Students complete the English and social studies majors. Upon graduating and passing the required state tests, students will be eligible to apply for certification.

Course Number		Course Title	Quarter Hours
ENGLISH MAJOR - 45 HOURS			
ENG	211A	Structures of English	05
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	493	Senior Seminar: English and Language Arts	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	405	Literature for Young Adults	04
LIT	411	Studies in Literature	04
SOCIAL STUDIES MAJOR - 50 HOURS			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
HIS	201	United States History to 1865	04
HIS	202	United States History Since 1865	04
HIS	231	Michigan History	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HIS	491A	Senior Seminar: History and Social Studies	04
POL	401	International Relations	04
SOC	211	Service Learning Project	02
PROFESSIONAL EDUCATION REQUIREMENTS - 58 HOURS			
EDU	200A	Introduction to Professional Education Experiences	04
EDU	312A	Educational Psychology	04
EDU	330	The Exceptional Learner	04
EDU	346A	Integrating Technology into 21st Century Learning	04
EDU	351	Instructional Design and Assessment	04
EDU	425	Literacy Education in the Secondary School	06
EDU	441A	Classroom Management	04
EDU	445A	Educational Foundations	02
EDU	462A	Theory and Techniques of Instruction: English (6-12)	04
EDU	464A	Theory and Techniques of Instruction: Social Studies (6-12)	04
EDU	481A	Directed Teaching I	12
EDU	482A	Directed Teaching II	06
GENERAL EDUCATION REQUIREMENTS - 52 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
MTH	371	Probability and Statistics for Educators	04
POL	201A	American Political Systems	04
SCI	451	Environmental Science	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**205**

SECONDARY TEACHER PREPARATION MATHEMATICS/SOCIAL STUDIES MAJOR

Bachelor of Science in Education

This program provides students with the knowledge and skills necessary to receive a Michigan Provisional Elementary Teaching Certificate, which allows the holder to teach his/her majors in grades 6 through 12. Students complete the mathematics and social studies majors. Upon graduating and passing the required state tests, students will be eligible to apply for certification.

Course Number		Course Title	Quarter Hours
MATHEMATICS MAJOR - 53 HOURS			
MTH	124	Trigonometry	04
MTH	140	Pre-Calculus	05
MTH	141	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
MTH	351	Modern Algebra	04
MTH	371	Probability and Statistics for Educators	04
MTH	431	Foundations of College Geometry	04
MTH	451	Introduction to Real Analysis	04
MTH	493	Senior Seminar: Mathematics	04
SOCIAL STUDIES MAJOR - 50 HOURS			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
HIS	201	United States History to 1865	04
HIS	202	United States History Since 1865	04
HIS	231	Michigan History	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HIS	491A	Senior Seminar: History and Social Studies	04
POL	401	International Relations	04
SOC	211	Service Learning Project	02
PROFESSIONAL EDUCATION REQUIREMENTS - 58 HOURS			
EDU	200A	Introduction to Professional Education Experiences	04
EDU	312A	Educational Psychology	04
EDU	330	The Exceptional Learner	04
EDU	346A	Integrating Technology into 21st Century Learning	04
EDU	351	Instructional Design and Assessment	04
EDU	425	Literacy Education in the Secondary School	06
EDU	441A	Classroom Management	04
EDU	445A	Educational Foundations	02
EDU	462A	Theory and Techniques of Instruction: English (6-12)	04
EDU	464A	Theory and Techniques of Instruction: Social Studies (6-12)	04
EDU	481A	Directed Teaching I	12
EDU	482A	Directed Teaching II	06
GENERAL EDUCATION REQUIREMENTS - 44 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	112A	College Algebra	04
POL	201A	American Political Systems	04
SCI	451	Environmental Science	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**205**

POSTBACCALAUREATE CERTIFICATES

ELEMENTARY EDUCATION - LEVEL CHANGE

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add an elementary endorsement to an existing Michigan Secondary Teaching Certificate, allowing the holder to teach all subjects in kindergarten through grade 5 and in kindergarten through grade 8 self-contained classrooms. The level change may also extend the validity of existing endorsements to additional grade levels. Students complete the elementary studies minor and a portion of the professional education core that is specific to working with elementary students. Upon completing the program and passing the required state test, students will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
ELEMENTARY STUDIES REQUIREMENTS - 38 HOURS			
ENG	321	Language Arts and Linguistic Foundations	04
HIS	311	Social Studies Foundations	04
HSC	341	Health, Physical Education, and Nutrition for Elementary Teachers	04
HUM	351A	Visual and Performing Arts for Elementary Educators	04
LIT	321A	Children's Literature	04
MTH	211A	Number Concepts for Educators	04
MTH	212A	Geometric and Statistical Concepts for Educators	04
SCI	351	Science Foundations I: Chemistry and Life Science	05
SCI	352	Science Foundations II: Astronomy, Earth Science, and Physics	05

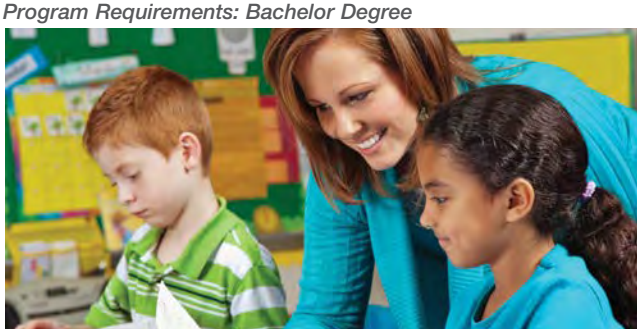
PROFESSIONAL EDUCATION REQUIREMENTS - 23 HOURS			
EDU	321A	Theory and Principles of Reading Instruction	04
EDU	421A	Reading in the Content Areas	05
EDU	451A	Theory and Techniques: Elementary Language Arts and Social Studies	04
EDU	452	Theory and Techniques: Elementary Mathematics and Science	04
EDU	482A	Directed Teaching II	06
QUARTER HOURS REQUIRED FOR GRADUATION			**61**

ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION - LEVEL CHANGE

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add both an elementary and an early childhood endorsement to an existing Michigan Secondary Teaching Certificate, allowing the holder to teach all subjects in general and special education pre-school, all subjects in kindergarten through grade 5 and in kindergarten through grade 8 self-contained classrooms. Students complete both the elementary comprehensive and early childhood ZS majors (General and Special Education), and a portion of the professional education core that is specific to working with elementary students. Upon completing the program and passing the required state test, students will be eligible to apply for the endorsements.

Program Requirements: Bachelor Degree



Course Number		Course Title	Quarter Hours
EARLY CHILDHOOD STUDIES REQUIREMENTS - 53 HOURS			
ECE	111B	Early Childhood Development	04
ECE	141A	Creative Activities	04
ECE	165	Observation and Assessment Techniques for Early Childhood Education Programs	04
ECE	171A	Language Development and Language Arts	04
ECE	201C	Infant and Toddler Development and Curriculum	04
ECE	201CL	Infant and Toddler Development and Curriculum Lab	01
ECE	211A	Developing Anti-Bias Curriculum	04
ECE	221B	Math, Science, and Technology for Early Childhood	04
ECE	231	Guidance and Discipline	04
ECE	251	Developing Curriculum for Early Childhood	04
ECE	281	Parents and Teachers: Partners in Education	04
ECE	461	Early Assessment and Referral	04
ECE	491	Senior Seminar: Early Childhood Education	04
EDU	371	Early Childhood Education ZS Practicum	04
ELEMENTARY STUDIES REQUIREMENTS - 38 HOURS			
ENG	321	Language Arts and Linguistic Foundations	04
HIS	311	Social Studies Foundations	04
HSC	341	Health, Physical Education, and Nutrition for Elementary Teachers	04
HUM	351A	Visual and Performing Arts for Elementary Educators	04
LIT	321A	Children's Literature	04
MTH	211A	Number Concepts for Educators	04
MTH	212A	Geometric and Statistical Concepts for Educators	04
SCI	351	Science Foundations I: Chemistry and Life Science	05
SCI	352	Science Foundations II: Astronomy, Earth Science, and Physics	05
PROFESSIONAL EDUCATION REQUIREMENTS - 23 HOURS			
EDU	321A	Theory and Principles of Reading Instruction	04
EDU	421A	Reading in the Content Areas	05
EDU	451A	Theory and Techniques: Elementary Language Arts and Social Studies	04
EDU	452	Theory and Techniques: Elementary Mathematics and Science	04
EDU	482A	Directed Teaching II	06
QUARTER HOURS REQUIRED FOR GRADUATION			**114**

SECONDARY ENGLISH - LEVEL CHANGE

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a secondary English endorsement to an existing Michigan Elementary Teaching Certificate, allowing the holder to teach English in grades 6 through 12. Students complete the secondary English major and a portion of the professional education core that is specific to working with secondary students. Upon completing the program and passing the required state test, students will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
ENGLISH REQUIREMENTS - 45 HOURS			
ENG	211A	Structures of English	05
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	493	Senior Seminar: English and Language Arts	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	405	Literature for Young Adults	04
LIT	411	Studies in Literature	04
PROFESSIONAL EDUCATION REQUIREMENTS - 16 HOURS			
EDU	425	Literacy Education in the Secondary School	06
EDU	462A	Theory and Techniques of Instruction: English (6-12)	04
EDU	482A	Directed Teaching II	06
QUARTER HOURS REQUIRED FOR GRADUATION			**61**

SECONDARY MATHEMATICS - LEVEL CHANGE

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a secondary mathematics endorsement to an existing Michigan Elementary Teaching Certificate, allowing the holder to teach mathematics in grades 6 through 12. The level change may also extend the validity of existing endorsements to additional grade levels. Students complete the secondary mathematics major and a portion of the professional education core that is specific to working with secondary students. Upon completing the program and passing the required state test, students will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
MATHEMATICS REQUIREMENTS - 53 HOURS			
MTH	124	Trigonometry	04
MTH	140	Pre-Calculus	05
MTH	141	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
MTH	351	Modern Algebra	04
MTH	371	Probability and Statistics for Educators	04
MTH	431	Foundations of College Geometry	04
MTH	451	Introduction to Real Analysis	04
MTH	493	Senior Seminar: Mathematics	04
PROFESSIONAL EDUCATION REQUIREMENTS - 16 HOURS			
EDU	425	Literacy Education in the Secondary School	06
EDU	461A	Theory and Techniques of Instruction: Mathematics (6-12)	04
EDU	482A	Directed Teaching II	06
QUARTER HOURS REQUIRED FOR GRADUATION			**69**

Access additional program information at www.baker.edu

SECONDARY SOCIAL STUDIES - LEVEL CHANGE

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a secondary social studies endorsement to an existing Michigan Elementary Teaching Certificate, allowing the holder to teach social studies in grades 6 through 12. Students complete the secondary social studies major and a portion of the professional education core that is specific to working with secondary students. Upon completing the program and passing the required state test, students will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
SOCIAL STUDIES REQUIREMENTS - 62 HOURS			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	201	United States History to 1865	04
HIS	202	United States History Since 1865	04
HIS	231	Michigan History	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HIS	491A	Senior Seminar: History and Social Studies	04
POL	201A	American Political Systems	04
POL	401	International Relations	04
SOC	211	Service Learning Project	02
PROFESSIONAL EDUCATION REQUIREMENTS - 16 HOURS			
EDU	425	Literacy Education in the Secondary School	06
EDU	464A	Theory and Techniques of Instruction: Social Studies (6-12)	04
EDU	482A	Directed Teaching II	06
QUARTER HOURS REQUIRED FOR GRADUATION			**78**

EARLY CHILDHOOD EDUCATION ZA TO ZS - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers who currently hold a ZA endorsement with the knowledge and skills needed to add an early childhood ZS (General and Special Education) endorsement. Upon completing the program and passing the required state test, teachers will be eligible to apply for the ZS endorsement.

Program Requirements: Possess ZA endorsement

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 15 HOURS			
ECE	401	Advanced Infant/Toddler Care	04
ECE	461	Early Assessment and Referral	04
ECE	471	Early Literacy Intervention	04
EDU	475	Pre-school Practicum	03
QUARTER HOURS REQUIRED FOR GRADUATION			**15**

EARLY CHILDHOOD ZS (GENERAL & SPECIAL EDUCATION) - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add an early childhood ZS (General and Special Education) endorsement to an existing Michigan Elementary Teaching Certificate. Upon completing the program and passing the required state test, teachers will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 58 HOURS			
ECE	111B	Early Childhood Development	04
ECE	141A	Creative Activities	04
ECE	165	Observation and Assessment Techniques for Early Childhood Education Programs	04
ECE	171A	Language Development and Language Arts	04
ECE	201C	Infant and Toddler Development and Curriculum	04
ECE	201CL	Infant and Toddler Development and Curriculum Lab	01
ECE	211A	Developing Anti-Bias Curriculum	04
ECE	221B	Math, Science, and Technology for Early Childhood	04
ECE	231	Guidance and Discipline	04
ECE	251	Developing Curriculum for Early Childhood	04
ECE	281	Parents and Teachers: Partners in Education	04
ECE	461	Early Assessment and Referral	04
ECE	491	Senior Seminar: Early Childhood Education	04
EDU	371	Early Childhood Education ZS Practicum	04
EDU	476	Directed Teaching-Postbaccalaureate Early Childhood Education	05
QUARTER HOURS REQUIRED FOR GRADUATION			**58**

ELEMENTARY LANGUAGE ARTS - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a language arts endorsement to an existing Michigan Provisional Elementary Teaching Certificate. Upon completing the program and passing the required state test, teachers will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 57 HOURS			
ENG	211A	Structures of English	05
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
ENG	493	Senior Seminar: English and Language Arts	04
LIT	321A	Children's Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	405	Literature for Young Adults	04
SPK	201	Oral Communication	04
SPK	205	Oral Interpretation of Literature	04
SPK	211	Group Dynamics	04
QUARTER HOURS REQUIRED FOR GRADUATION			**57**

ELEMENTARY MATHEMATICS - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a mathematics endorsement to an existing Michigan Provisional Elementary Teaching Certificate. Upon completing the program and passing the required state test, teachers will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 45 HOURS			
MTH	124	Trigonometry	04
MTH	140	Pre-Calculus	05
MTH	141	Calculus I	04
MTH	211A	Number Concepts for Educators	04
MTH	315A	Algebraic Thinking and Proportional Reasoning	04
MTH	331	Geometry for Elementary Teachers	04
MTH	340	Discrete Mathematics	04
MTH	371	Probability and Statistics for Educators	04
MTH	411A	Reasoning and Proof for Elementary Educators	04
MTH	421A	Math Technology for Educators	04
MTH	493	Senior Seminar: Mathematics	04
QUARTER HOURS REQUIRED FOR GRADUATION			**45**

ELEMENTARY SOCIAL STUDIES - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a social studies endorsement to an existing Michigan Provisional Elementary Teaching Certificate. Upon completing the program and passing the required state test, teachers will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 62 HOURS			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	201	United States History to 1865	04
HIS	202	United States History Since 1865	04
HIS	231	Michigan History	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HIS	491A	Senior Seminar: History and Social Studies	04
POL	201A	American Political Systems	04
POL	401	International Relations	04
SOC	211	Service Learning Project	02
QUARTER HOURS REQUIRED FOR GRADUATION			**62**

SECONDARY ENGLISH - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add an English endorsement to an existing Michigan Secondary Teaching Certificate. Upon completing the program and passing the required state test, teachers will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 45 HOURS			
ENG	211A	Structures of English	05
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	493	Senior Seminar: English and Language Arts	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	405	Literature for Young Adults	04
LIT	411	Studies in Literature	04
QUARTER HOURS REQUIRED FOR GRADUATION			**45**

SECONDARY MATHEMATICS - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a mathematics endorsement to an existing Michigan Secondary Teaching Certificate. Upon completing the program and passing the required state test, teachers will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 53 HOURS			
MTH	124	Trigonometry	04
MTH	140	Pre-Calculus	05
MTH	141	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
MTH	351	Modern Algebra	04
MTH	371	Probability and Statistics for Educators	04
MTH	431	Foundations of College Geometry	04
MTH	451	Introduction to Real Analysis	04
MTH	493	Senior Seminar: Mathematics	04
QUARTER HOURS REQUIRED FOR GRADUATION			**53**

SECONDARY SOCIAL STUDIES - ADDITIONAL ENDORSEMENT

Postbaccalaureate Certificate

This program provides teachers with the knowledge and skills needed to add a social studies endorsement to an existing Michigan Secondary Teaching Certificate. Upon completing the program and passing the required state test, teachers will be eligible to apply for the endorsement.

Program Requirements: Bachelor Degree

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 62 HOURS			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	201	United States History to 1865	04
HIS	202	United States History Since 1865	04
HIS	231	Michigan History	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HIS	491A	Senior Seminar: History and Social Studies	04
POL	201A	American Political Systems	04
POL	401	International Relations	04
SOC	211	Service Learning Project	02
QUARTER HOURS REQUIRED FOR GRADUATION			**62**

ELECTIVES

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
COMPUTER LITERACY ELECTIVES			
ELECT	**161A**	**Computer Literacy Elective**	
ELECT	**161B**	**Computer Literacy Elective**	
ELECT	**161C**	**Computer Literacy Elective**	
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04
PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)			
ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SCIENTIFIC INQUIRY ELECTIVES (Bachelor Degree)			
ELECT	**111A**	**Scientific Inquiry Elective**	
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04

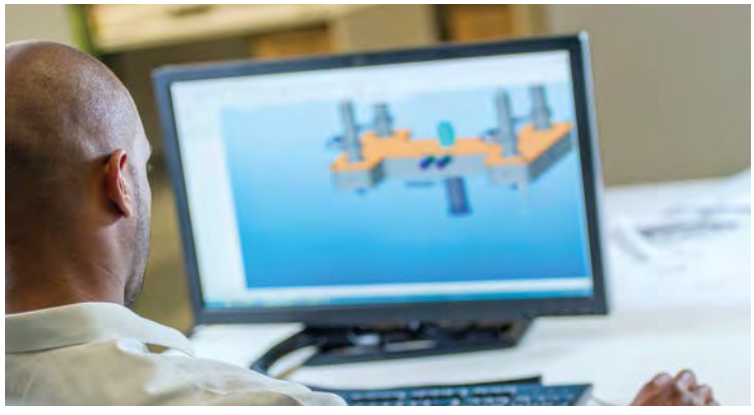
Engineers apply mathematics and sciences to find suitable solutions to problems and to design new products that improve our lives. If multiple options exist, engineers weigh different design choices on their merits and choose the solution that best matches the requirements. The crucial and unique task of the engineer is to identify, understand, and interpret the constraints on a design in order to produce a successful result.

Many of the courses and programs at Baker College are offered in an online delivery format. See page 137 for Baker College Online programs. Contact your campus Academic/Administrative Office for details about Online courses.

A new student may choose an “Undeclared but Degree Seeking” program. A student also may add a limited number of “Student Elected Classes” to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus academic staff to discuss requirements.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.



COLLEGE OF ENGINEERING
UNDERGRADUATE PROGRAMS

Dean of the College of Engineering: Anca L. Sala, Ph.D.

CERTIFICATES
CNC Machinist..... PG. 84

ASSOCIATE DEGREES
Associate of Applied Science
Advanced Manufacturing Technology ..... PG. 84
Computer Aided Design..... PG. 85
Mechanical Technology ..... PG. 85
Mechatronics ..... PG. 86
Photonics and Laser Technology..... PG. 86

BACHELOR DEGREES
Bachelor of Science
Civil Engineering..... PG. 87
Construction Management ..... PG. 87
Electrical Engineering..... PG. 88
Industrial Engineering..... PG. 89
Mechanical Engineering ..... PG. 90

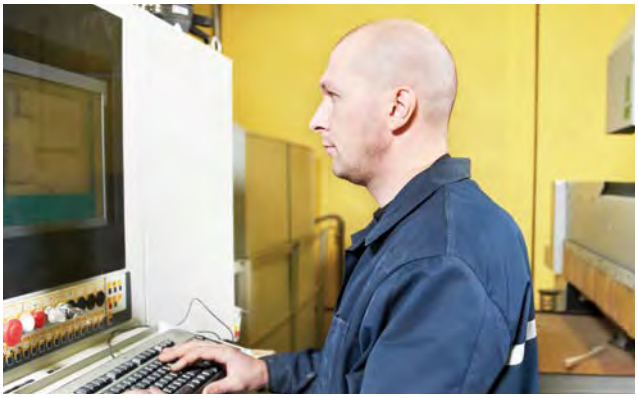
ELECTIVES
General Education Electives ..... PG. 91
Technical Electives ..... PG. 91

CERTIFICATE PROGRAMS

CNC MACHINIST

Certificate

This program prepares individuals to apply technical knowledge and skills to operate Computer Numerical Control (CNC) machine tools including lathes, mills, precision measuring tools, and related attachments and accessories in order to perform machining functions such as cutting, drilling, shaping, and finishing products and component parts.



Course Number		Course Title	Quarter Hours
REQUIREMENTS - 37 HOURS			
AMT	191	Blueprint Reading for Industry	04
CNC	111	Basic Gauges and Measurements	04
CNC	121A	Machining Theory and Methods	04
CNC	131	Precision Machining Methods	04
CNC	141	CNC Theory and Operation	04
CNC	151	CNC Programming	04
ENG	101	Composition I	04
MTH	108	College Mathematics I: Reasoning and Application	04
WRK	291B	Professional Career Strategies	01
SELECT ONE COURSE FROM THE FOLLOWING:			
CAD	131	Introduction to Manufacturing	04
CAD	141	Industrial Materials and Processes	04
CNC	201	MasterCam	04
CNC	202	GibbsCAM	04
EGR	101	Engineering Graphics	04
WRKTC	201	Work Experience	04
QUARTER HOURS REQUIRED FOR GRADUATION			**37**

ASSOCIATE DEGREE PROGRAMS

ADVANCED MANUFACTURING TECHNOLOGY

Associate of Applied Science Degree

Manufacturing in America relies increasingly on advanced design software and programming skills that were unknown to past generations of machinists. In the first year of this two-part degree program, students gain the essential Computer Numerical Control (CNC) knowledge and experience needed to operate today's technologically advanced manufacturing lathes, turning centers, mills, routers, and other machines. The second year of this program provides advanced software training in Mastercam, AutoCAD, and SolidWorks preparing students to design new products and write the CNC programs to manufacture them. Graduates of this well-rounded program can anticipate many opportunities in 21st century manufacturing careers.

Course Number		Course Title	Quarter Hours
ADVANCED MANUFACTURING TECHNOLOGY MAJOR - 65 HOURS			
AMT	191	Blueprint Reading for Industry	04
AMT	299	Advanced Manufacturing Capstone Project	04
CAD	111	Computer Aided Drafting I (CAD I)	04
CAD	131	Introduction to Manufacturing	04
CAD	141	Industrial Materials and Processes	04
CAD	201	Geometric Dimensioning and Tolerancing	04
CNC	111	Basic Gauges and Measurements	04
CNC	121A	Machining Theory and Methods	04
CNC	131	Precision Machining Methods	04
CNC	141	CNC Theory and Operation	04
CNC	151	CNC Programming	04
EGR	101	Engineering Graphics	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
SELECT 8 CREDITS FROM THE FOLLOWING:			
CAD	121	3-D CAD I	04
CAD	122	3-D CAD II	04
CAD	236A	SolidWorks	08
SELECT 1 COURSE FROM THE FOLLOWING:			
CNC	201	MasterCam	04
CNC	202	GibbsCAM	04
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**93**

COMPUTER AIDED DESIGN

Associate of Applied Science Degree

Everything we use in our day-to-day lives has been designed by someone. CAD Designers use computer-aided techniques for the creation of 3D models and production drawings. Computer-aided design is used in all industries including entertainment, healthcare, commercial food preparation, packaging, aerospace, furniture, and automotive manufacturing. This program prepares graduates for positions as designers with a focus on total design along with the communication/integration of the design of related parts or components. Students will learn to create 2D drawings and 3D models as well as obtain knowledge of manufacturing processes such as welding and sheet metal, engineering materials, and the use of precision measuring tools. Graduates may find positions in design areas such as product design, machine design, gauge and fixture design, or in preparing CAD drawings/models for publication on the Web.

Course Number		Course Title	Quarter Hours
COMPUTER AIDED DESIGN MAJOR - 77 HOURS			
CAD	111	Computer Aided Drafting I (CAD I)	04
CAD	121	3-D CAD I	04
CAD	122	3-D CAD II	04
CAD	131	Introduction to Manufacturing	04
CAD	141	Industrial Materials and Processes	04
CAD	201	Geometric Dimensioning and Tolerancing	04
CAD	215	Statics and Strength of Materials	04
CAD	299	Design Capstone	04
EGR	101	Engineering Graphics	04
EGR	105	Introduction to Engineering and Design	04
EGR	111	Technical Communications for Engineering Sciences	04
MTH	112A	College Algebra	04
MTH	124	Trigonometry	04
SCI	215	Integrated Physics	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
SELECT 16 CREDIT HOURS FROM THE FOLLOWING:			
CAD	112	Computer Aided Drafting II (CAD II)	04
CAD	221A	Catia	08
CAD	223	Catia-Intermediate	04
CAD	224	Catia-Advanced	04
CAD	226A	Unigraphics	08
CAD	228	Unigraphics-Intermediate	04
CAD	229	Unigraphics-Advanced	04
CAD	231A	Pro/ENGINEER	08
CAD	233	Pro/ENGINEER-Intermediate	04
CAD	234	Pro/ENGINEER-Advanced	04
CAD	236A	SolidWorks	08
CAD	238	Solidworks-Intermediate	04
CAD	239	Solidworks-Advanced	04
CAD	241	Tool Design	04
CAD	242	Product Design	04
CAD	243	Equipment Design	04
CAD	244	Vehicle Design	04
GENERAL EDUCATION REQUIREMENTS - 24 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**101**

MECHANICAL TECHNOLOGY

Associate of Applied Science Degree

The Mechanical Technology Program is designed to prepare students for employment in mechanical design, manufacturing, and production industries. This program is designed for students interested in entry-level positions as well as experienced technicians who wish to improve their skills. Emphasis is placed on computer-aided design (CAD) along with the mathematical and communication skills required to function effectively as part of an engineering team.

This program provides the foundation courses in science and mathematics leading graduates to a Bachelor of Science in Mechanical Engineering, which can be completed in three additional years.

Course Number		Course Title	Quarter Hours
MECHANICAL TECHNOLOGY MAJOR - 77 HOURS			
CAD	201	Geometric Dimensioning and Tolerancing	04
EET	111A	Electrical Technology	04
EGR	101	Engineering Graphics	04
EGR	105	Introduction to Engineering and Design	04
EGR	111	Technical Communications for Engineering Sciences	04
EGR	171	Computing for Engineers	04
ISE	311	Manufacturing Processes	04
ME	107	Introduction to 3-D Modeling	04
ME	201	Statics	04
ME	299	Design Project	04
ME	301	Introduction to CAE	04
MTH	112A	College Algebra	04
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
SCI	215	Integrated Physics	04
SCI	246	Chemistry I	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 24 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**101**

MECHATRONICS

Associate of Applied Science Degree

The Michigan Advanced Technician Training program is an innovative, industry-driven approach to education. This program prepares students to become general service technicians in a wide variety of manufacturing settings, with skills in electronics, mechanical systems, robotics, pneumatics, hydraulics, CNC, and systems that integrate all of these technical fields. Students will qualify for US Department of Labor apprenticeship certification upon completion of the program. MAT2 programs were developed throughout the state of Michigan in conjunction with global industry technology leaders to combine theory, practice, and work to train a globally competitive workforce. MAT2 addresses two critical issues facing the manufacturing and technology industries: a widening skills gap and an aging workforce. This initiative program functions similarly to an apprenticeship program, in which students alternate between classroom instruction and on-the-job training, gaining the necessary hands-on skills and real-world experiences to become a successful and productive member of the workforce.

Course Number		Course Title	Quarter Hours
MECHATRONICS MAJOR - 87 HOURS			
MATT	101	Basic Gauges and Measurements	04
MATT	105	Machine Tool	06
MATT	111	Electrical Technology	04
MATT	115	AC/DC Circuits	04
MATT	121	Integrated Systems	04
MATT	131	Solid State Devices	04
MATT	135	Electro-Hydraulics	06
MATT	141	Industrial Materials and Processes	04
MATT	151	Mechanical Drives	06
MATT	171	Industrial Safety Hoists and Cranes	02
MATT	191	Blueprint Reading	04
MATT	211	Industrial Controls and Instrumentation	04
MATT	221	Programmable Controller Application	05
MATT	222	Advanced Programmable Controller Application	05
MATT	225	Introduction to Robotics	04
MATT	231	Fundamentals of Pipe Fitting	02
MATT	235	Introduction to Gas/Arc/Mig/Tig Welding	04
MATT	251	General Preventative/Predictive Maintenance	04
MATT	271	Shop Floor Networking	04
MATT	281	Seminar in Material Science	01
MATT	282	Seminar in Quality	01
MATT	283	Seminar in Project Management	01
MATT	299	Capstone Project	04
GENERAL EDUCATION REQUIREMENTS - 24 HOURS			
EGR	111	Technical Communications for Engineering Sciences	04
EGR	131	Industrial Mathematics	04
ENG	101	Composition I	04
ENG	102	Composition II	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**111**

PHOTONICS AND LASER TECHNOLOGY

Associate of Applied Science Degree

Photonics is the technology of generating, transmitting, and manipulating light. Photonics is used in a broad range of industries such as aerospace, agriculture, alternative energy, biotechnology, chemical, communications, construction, entertainment, environmental technology, homeland security, lighting and illumination, medicine, and manufacturing. The technology is growing with new applications being constantly developed, and the career prospects for photonics technicians are bright. The Photonics and Laser Technology program at Baker College has been developed with industry input and prepares students to build, test, install, operate, maintain, and repair laser and electro-optic devices and systems.

Course Number		Course Title	Quarter Hours
PHOTONICS AND LASER TECHNOLOGY MAJOR - 81 HOURS			
EET	111A	Electrical Technology	04
EET	115D	DC Circuits	04
EET	125B	AC Circuits	04
EET	136	Digital Circuits I	04
EET	211	Solid State Devices I	04
EET	221	Fiber Optics and Data Communications	04
EET	251	Introduction to Photonics and Laser Technologies	04
EGR	111	Technical Communications for Engineering Sciences	04
ME	107	Introduction to 3-D Modeling	04
MTH	112A	College Algebra	04
MTH	124	Trigonometry	04
PLT	211	Geometrical Optics	04
PLT	221	Wave Optics	04
PLT	231	Laser Fundamentals	04
PLT	235	Laser Systems	04
PLT	241	Optical Systems Analysis	04
PLT	251	Photonics Applications	04
PLT	271	Capstone Project	04
SCI	215	Integrated Physics	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 24 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**105**

BACHELOR DEGREE PROGRAMS

CIVIL ENGINEERING

Bachelor of Science

According to the Bureau of Labor Statistics, civil engineers are expected to have employment growth of 20 percent over the projections decade, much faster than the average for all occupations. Spurred by general population growth and the related need to improve the nation's infrastructure, more civil engineers will be needed to design and construct or expand transportation, water supply, and pollution control systems, and buildings and building complexes. Civil engineers design and supervise the construction of roads, buildings, airports, tunnels, dams, bridges, and water supply and sewage systems. They must consider many factors in the design process from the construction costs and expected lifetime of a project to government regulations and potential environmental hazards such as earthquakes and hurricanes. This program will prepare students to enter this exciting, high demand field enabling graduates to pursue challenging and rewarding careers.

Course Number		Course Title	Quarter Hours
CIVIL ENGINEERING MAJOR - 159 HOURS			
CE	201	Surveying	04
CE	311	Structural Analysis I	04
CE	312	Structural Analysis II	04
CE	341	Fluid Mechanics	04
CE	345	Soils Mechanics	04
CE	361	Introduction to Environmental Engineering	04
CE	381	Traffic Engineering	04
CE	411	Water Resources Engineering	04
CE	451	Steel Design	04
CE	455	Reinforced Concrete Design	04
CE	481	Professional Practice	02
CE	491	Engineering Project Management	04
CE	498	Senior Design Project I	02
CE	499	Senior Design Project II	02
EGR	101	Engineering Graphics	04
EGR	105	Introduction to Engineering and Design	04
EGR	111	Technical Communications for Engineering Sciences	04
EGR	171	Computing for Engineers	04
EGR	321	Engineering Economy I	04
ME	201	Statics	04
ME	211	Solid Mechanics	04
ME	281	Materials Science	04
ME	321	Dynamics	04
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	251	Introduction to Differential Equations	04
MTH	261	Linear Algebra	04
MTH	401	Statistical Methods	04
SCI	247	Chemistry II	04
SCI	251	General Physics I	04
SCI	252	General Physics II	04
SCI	253	General Physics III	04
SCI	451	Environmental Science	04
TEC	320A	Technical Elective	04
TEC	320B	Technical Elective	04
TEC	320C	Technical Elective	04
TEC	320D	Technical Elective	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
GENERAL EDUCATION REQUIREMENTS - 60 HOURS			
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
POL	201A	American Political Systems	04
PSY	101	Human Relations	04
PSY	231	Organizational Psychology	04
SCI	246	Chemistry I	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	401A	Professional Speaking	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**219**

CONSTRUCTION MANAGEMENT

Bachelor of Science

This program provides an education focusing on critical thinking that blends management with technology and liberal arts for a career in construction and related industries. The graduate provides leadership while working with the owner, architect, engineer, developer, contractor, and governmental agencies, using their professional knowledge to oversee the construction process. Graduates learn various skills to manage construction projects globally and sustainably to maximize product and overall project value for owners. A combination of architecture, construction, and management courses provide a strong foundation in the critical skills and knowledge needed by professionals. The program emphasizes project management skills rather than craft skills. Graduates of this program may begin their careers in a variety of positions involving construction project management, cost estimating, construction safety, project planning/scheduling, and contract administration.

Course Number		Course Title	Quarter Hours
CONSTRUCTION MANAGEMENT MAJOR - 122 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ACT	103	Computer Aided Architectural Drawing I	04
ACT	104	Building Materials and Construction	04
ACT	105A	Surveying	02
ACT	191A	Blueprint Reading for Architecture	02
ACT	192A	Construction Documents Analysis	02
ACT	201	Structural Analysis	04
ACT	202	Mechanical Systems	04
ACT	203	Construction Cost/Estimating	04
ACT	204B	Builder License/Laws	03
AT	321	Structural Design I	04
AT	322	Structural Design II	04
AT	421	Building Systems (MEP)	04
CM	301	Design-Build	04
CM	306	Advanced Surveying	04
CM	311	Construction Safety	04
CM	401	Advanced Building Technologies	04
CM	406	Construction Estimating and Bidding	04
CM	411	Legal Aspects of Construction	04
CM	416	Construction Contract Administration	04
CM	421	Sustainable and Energy Efficient Design and Construction	04
CM	431	Construction Project Scheduling	04
CM	491	Construction Project Management	04
IND	301	Building Codes and Construction	04
MGT	250	Conflict Management	04
MKT	111B	Principles of Marketing	04
MTH	124	Trigonometry	04
PPM	301	Project Management	04
PPM	311	Project Planning	04
PPM	401	Project Cost and Budget Management	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	101	Human Relations	04
SCI	215	Integrated Physics	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**194**

ELECTRICAL ENGINEERING

Bachelor of Science

Electrical and electronic engineers design, develop, test, and supervise the manufacture of electrical and electronic equipment, such as electric motors, control systems, radar and navigation systems, and communication systems. Traditionally electronics engineers focus on electronic systems, instrumentation, control systems, signal processing and telecommunications, while electrical engineers focus on power and energy transmission applications, including renewable energy sources and other green technologies. The Electrical Engineering program at Baker College will prepare students for either of these exciting, high-demand fields enabling graduates to pursue challenging and rewarding careers.

Course Number		Course Title	Quarter Hours
ELECTRICAL ENGINEERING MAJOR - 161 HOURS			
CS	111	Introduction to Programming	04
CS	217A	C++ Programming	04
EE	311A	Circuit Analysis I	04
EE	312	Circuit Analysis II	04
EE	321A	Digital Logic and Circuits I	04
EE	322	Digital Logic and Circuits II	04
EE	331A	Electronic Circuits I	04
EE	332	Electronic Circuits II	04
EE	341	Electromagnetic Fields and Waves	04
EE	361	Dynamic Systems and Control	04
EE	411	Signals and Systems	04
EE	421	Microprocessors and Microcontrollers	03
EE	426	Microprocessor/Automation Control Lab	02
EE	431	Automation and Control	03
EE	441	Communication Systems and Circuits	04
EE	451	Energy Conversion and Power Electronics	04
EE	491	Engineering Project Management	04
EE	498	Senior Design Project I	02
EE	499	Senior Design Project II	02
EGR	105	Introduction to Engineering and Design	04
EGR	111	Technical Communications for Engineering Sciences	04
EGR	171	Computing for Engineers	04
EGR	321	Engineering Economy I	04
ME	281	Materials Science	04
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	251	Introduction to Differential Equations	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
MTH	401	Statistical Methods	04
SCI	247	Chemistry II	04
SCI	251	General Physics I	04
SCI	252	General Physics II	04
SCI	253	General Physics III	04
TEC	310A	Technical Elective	04
TEC	310B	Technical Elective	04

TEC	310C	Technical Elective	04
TEC	310D	Technical Elective	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
GENERAL EDUCATION REQUIREMENTS - 60 HOURS			
ELECT	131A	Global and Cultural Perspectives Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	111	General Psychology	04
PSY	231	Organizational Psychology	04
SCI	246	Chemistry I	04
SOC	201	Sociology	04
SOC	321	Cultural Diversity	04
SOC	341	Global Perspectives	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**221**

INDUSTRIAL ENGINEERING

Bachelor of Science

Industrial engineers work in manufacturing, service industries, entertainment industries, healthcare organizations, shipping and logistics, and many other organizations. They focus on improving productivity and efficiency, and reducing costs while ensuring the quality of products and services, as well as the safety of the workplace. Industrial engineers often transition to managerial positions due to their combined engineering and business background and exposure. This program prepares graduates for entry-level positions in this exciting field. The need for industrial engineers continues to grow as companies strive to control costs and maintain a competitive edge.

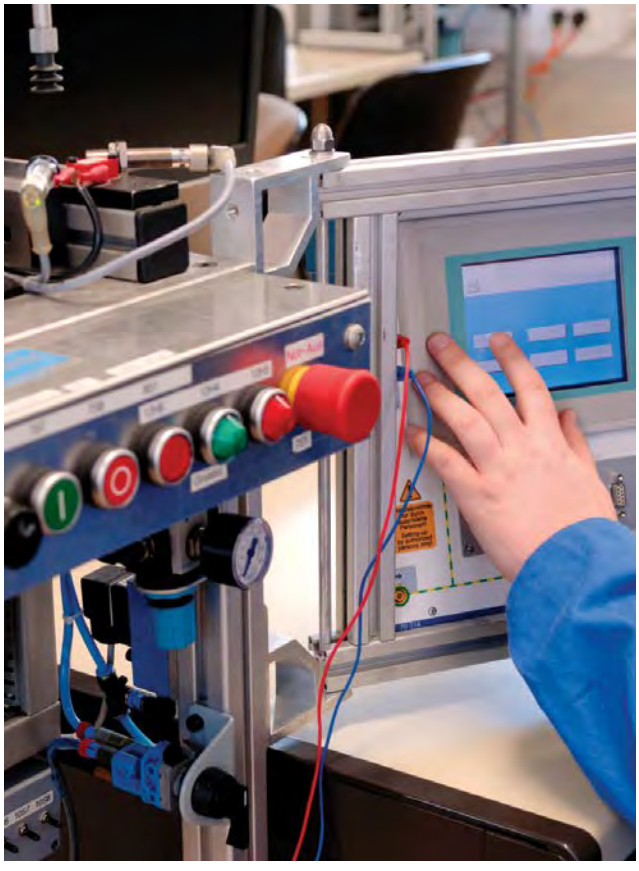
Course Number		Course Title	Quarter Hours
INDUSTRIAL ENGINEERING MAJOR - 145 HOURS			
CQI	311	Statistical Process Control I	04
CQI	312	Statistical Process Control II	04
CQI	421	Design of Experiments	04
ECN	201	Principles of Macroeconomics	04
EET	111A	Electrical Technology	04
EGR	101	Engineering Graphics	04
EGR	105	Introduction to Engineering and Design	04
EGR	111	Technical Communications for Engineering Sciences	04
EGR	321	Engineering Economy I	04
ISE	311	Manufacturing Processes	04
ISE	331	Introduction to Industrial and Systems Engineering	04
ISE	335	Work Analysis and Design	04
ISE	411	Computer Integrated Manufacturing	04
ISE	421	Introduction to Operations Research	04
ISE	431	Facilities Design	04
ISE	491	Engineering Project Management	04
ISE	498	Senior Design Project I	02
ISE	499A	Senior Design Project II	02
LNM	411	Six Sigma Basics-Green Belt	04
ME	107	Introduction to 3-D Modeling	04
ME	201	Statics	04
ME	281	Materials Science	04
ME	350	Ergonomics for Engineers	04
MGT	211	Management and Supervision	04
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	261	Linear Algebra	04
MTH	401	Statistical Methods	04
SCI	247	Chemistry II	04
SCI	251	General Physics I	04
SCI	253	General Physics III	04
SCI	451	Environmental Science	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
SELECT 1 COURSE FROM THE FOLLOWING:			
EGR	322	Engineering Economy II	04
ISE	435	Manufacturing Strategies	04
GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	131A	Global and Cultural Perspectives Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	111	General Psychology	04
PSY	231	Organizational Psychology	04
SCI	246	Chemistry I	04
SOC	201	Sociology	04
SOC	321	Cultural Diversity	04
SOC	341	Global Perspectives	04
SPK	201	Oral Communication	04
SPK	401A	Professional Speaking	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
QUARTER HOURS REQUIRED FOR GRADUATION			**209**

MECHANICAL ENGINEERING

Bachelor of Science

The mission of the Baker College Department of Mechanical Engineering is to provide quality higher education and training in the fundamental principles and sound practice of engineering which will enable graduates to be an asset to society and successful throughout challenging and rewarding careers. Mechanical engineers are involved in the design, development, manufacturing and testing of a wide array of mechanical devices, systems, and processes. They work in diverse areas such as power generation and utilities, aerospace, automotive and transportation, automation and robotics, environmental, chemical, computer, and biomedical industries. Mechanical engineers also work in research, education, and consulting. In all these fields they combine creativity and use of engineering principles to improve the quality of our lives. Courses from programs not accredited by Engineering Accreditation Commission of ABET will not be accepted for transfer at the 200 level or above, unless supported by detailed curriculum documentation, subject to approval by the Dean.

This program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. This program is accredited on the Flint campus.



Course Number		Course Title	Quarter Hours
MECHANICAL ENGINEERING MAJOR - 163 HOURS			
EE	311A	Circuit Analysis I	04
EGR	101	Engineering Graphics	04
EGR	105	Introduction to Engineering and Design	04
EGR	111	Technical Communications for Engineering Sciences	04
EGR	171	Computing for Engineers	04
EGR	321	Engineering Economy I	04
ISE	311	Manufacturing Processes	04
ME	107	Introduction to 3-D Modeling	04
ME	201	Statics	04
ME	211	Solid Mechanics	04
ME	281	Materials Science	04
ME	301	Introduction to CAE	04
ME	321	Dynamics	04
ME	325	Kinematics	04
ME	331	Thermodynamics	04
ME	341	Fluid Mechanics I	04
ME	351	Mechanical Design I	04
ME	352	Mechanical Design II	04
ME	361	Dynamic Systems and Control	04
ME	371	Heat Transfer	04
ME	376	Thermal Systems Lab	02
ME	421	Vibrations	04
ME	491	Engineering Project Management	04
ME	498	Senior Design Project I	02
ME	499A	Senior Design Project II	02
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	244	Calculus IV	04
MTH	251	Introduction to Differential Equations	04
MTH	261	Linear Algebra	04
MTH	401	Statistical Methods	04
SCI	247	Chemistry II	04
SCI	251	General Physics I	04
SCI	252	General Physics II	04
SCI	253	General Physics III	04
TEC	300A	Technical Elective	04
TEC	300B	Technical Elective	04
TEC	300C	Technical Elective	04
TEC	300D	Technical Elective	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
GENERAL EDUCATION REQUIREMENTS - 60 HOURS			
ELECT	131A	Global and Cultural Perspectives Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	111	General Psychology	04
PSY	231	Organizational Psychology	04
SCI	246	Chemistry I	04
SOC	201	Sociology	04
SOC	321	Cultural Diversity	04
SOC	341	Global Perspectives	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**223**

ELECTIVES

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04
PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)			
ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04

TECHNICAL ELECTIVES

Course Number		Course Title	Quarter Hours
CIVIL ENGINEERING TECHNICAL ELECTIVES			
TEC	**320A**	**Civil Engineering Technical Elective**	
TEC	**320B**	**Civil Engineering Technical Elective**	
TEC	**320C**	**Civil Engineering Technical Elective**	
TEC	**320D**	**Civil Engineering Technical Elective**	
CE	321	Design of Bridges	04
CE	325	Geometric Design of Highways and Airports	04
CE	351	Pre-Stressed Concrete Design	04
CE	355	Structural Timber Design	04
CE	358	Pavement Design	04
CE	371	Geotechnical Engineering	04
CE	385	Transportation Engineering	04
CE	415	Hydrology	04
CE	421	Hydraulics	04
CE	431	Water Treatment Principles	04
CE	435	Wastewater Collection Systems	04
CE	438	Solid Waste Principles	04
EGR	395	Engineering Research	04
ELECTRICAL ENGINEERING TECHNICAL ELECTIVES			
TEC	**310A**	**Electrical Engineering Technical Elective**	
TEC	**310B**	**Electrical Engineering Technical Elective**	
TEC	**310C**	**Electrical Engineering Technical Elective**	
TEC	**310D**	**Electrical Engineering Technical Elective**	
CIS	310	Visual BASIC	04
CIS	404	Advanced Computer Architecture	04
EGR	395	Engineering Research	04
ME	331	Thermodynamics	04
ME	341	Fluid Mechanics	04
ME	381	Mechatronics	04
MECHANICAL ENGINEERING TECHNICAL ELECTIVES			
TEC	**300A**	**Mechanical Engineering Technical Elective**	
TEC	**300B**	**Mechanical Engineering Technical Elective**	
TEC	**300C**	**Mechanical Engineering Technical Elective**	
TEC	**300D**	**Mechanical Engineering Technical Elective**	
EGR	395	Engineering Research	04
ME	305	Introduction to FEA	04
ME	306	Intermediate FEA	04
ME	311	Biomechanics and Biomaterials	04
ME	342	Fluid Mechanics II	04
ME	350	Ergonomics for Engineers	04
ME	381	Mechatronics	04
ME	425	Noise, Vibration, and Harshness	04
ME	495	Engineering Topics	04
ME	495A	Engineering Topics: CAE with Solidworks	04
ME	495B	Engineering Topics: Alternative Energies	04

For more information or to see program videos, please visit baker.edu.

As the population ages, demand for skilled healthcare practitioners will continue to grow, creating more career opportunities than any other field. Since 2009, 37% of all new jobs have been created in the healthcare sector. Between 2012 and 2022 it will add up to 5 million new jobs! This demand is also driving up salaries. Since 2006, healthcare has seen the biggest wage increase of any sector of the economy.

Many of the courses and programs at Baker College are offered in an online delivery format. See page 137 for Baker College Online programs. Contact your campus Academic/Administrative Office for details about Online courses.

A new student may choose an "Undeclared but Degree Seeking" program. A student also may add a limited number of "Student Elected Classes" to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus academic staff to discuss requirements.

Students will be required to pass a health screening and a criminal background check prior to particular courses, admittance into programs, or for their clinical externship. This applies to all health programs.

*Enrollment into the professional track of some programs is limited due to clinical site availability. Students compete to earn acceptance into these programs. Selection criteria have been developed to choose the most qualified students for limited enrollment programs. Students who have successfully completed the prerequisite courses for their program are eligible to apply for admission into the professional track of the program. Refer to the program information supplement for program specific details on the application process, the criteria used, and the courses used in the GPA calculations.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.

CCNE ACCREDITED

*The Baccalaureate Post-licensure and Pre-licensure Nursing programs at Baker College are accredited by the Commission on Collegiate Nursing Education (CCNE); One Dupont Circle, NW, Suite 530, Washington, DC, (202) 887-6791.

COLLEGE OF HEALTH SCIENCE
UNDERGRADUATE PROGRAMS

Dean of the College of Health Science: Lisa Radak, MBA, BHS, RT (R) (T) (CT)
Associate Dean of the College of Health Science: Rebecca Voelker, MBA, BHSA, CMA (AAMA)

CERTIFICATES

Emergency Medical Technician - Basic ..... PG. 94
Emergency Medical Technician - Paramedic ..... PG. 94
Phlebotomy Technician ..... PG. 95
Sterile Processing Technician ..... PG. 95
Therapeutic Massage ..... PG. 96

ASSOCIATE DEGREES

Associate of Applied Science

Cardiac Sonography ..... PG. 96
Dental Hygiene ..... PG. 97
Diagnostic Medical Sonography ..... PG. 97
Health Information Technology ..... PG. 98
Medical Administrative Specialist ..... PG. 98
Medical Assistant ..... PG. 99
Medical Insurance Specialist ..... PG. 99
Medical Laboratory Technician ..... PG. 100
Opticianry ..... PG. 100
Orthotic/Prosthetic Technology ..... PG. 101
Pharmacy Technician ..... PG. 102
Physical Therapist Assistant ..... PG. 102
Polysomnographic Technology ..... PG. 103
Radiologic Technology ..... PG. 103
Respiratory Care ..... PG. 104
Surgical Technology ..... PG. 104
Therapeutic Massage ..... PG. 105
Vascular Ultrasound Technology ..... PG. 105
Veterinary Technology ..... PG. 106

BACHELOR DEGREES

Bachelor of Science

Health Services Administration ..... PG. 107
Radiation Therapy ..... PG. 107

ELECTIVES

General Education Electives ..... PG. 114

BAKER COLLEGE SCHOOL of NURSING

Dean of the School of Nursing:
Lesley Morgan, Ph.D.

Practical Nursing (PN) - Certificate ..... PG. 108
Nursing/ADN - Associate Degree ..... PG. 109
Nursing/BSN (Pre-Licensure) - Bachelor Degree* ..... PG. 110
Nursing/BSN (Post-Licensure) - Bachelor Degree* ..... PG. 111

BAKER COLLEGE SCHOOL of OCCUPATIONAL THERAPY

Dean of the School of Occupational Therapy:
Jo Anne Crain, Ph.D.

Occupational Therapy Assistant - Associate Degree ..... PG. 112
Pre-Occupational Therapy - Bachelor Degree ..... PG. 113

CERTIFICATE PROGRAMS

EMERGENCY MEDICAL TECHNICIAN - BASIC (EMT)

Certificate

The Emergency Medical Technician-Basic program serves as entry-level training to students looking to pursue a career in emergency medical care. EMTs work in emergency response vehicles, hospitals, dialysis units, casinos, and other areas where an emergency could arise. Rapid in-field treatment and transport to higher medical providers is the primary coursework. Hospital rooms and ambulances will become the hands-on classrooms for Baker College students as they gain the needed real world experience of becoming qualified Emergency Medical Technicians.

The Emergency Medical Technician level is the minimum licensure level for personnel transporting patients in ambulances. The scope of practice is limited to basic skills that can be performed safely with medical oversight and limited training.

This program provides a thorough understanding of the role of the emergency medical technician and stresses recognition of abnormal conditions through analysis of diagnostic signs and care for persons with specific illnesses or injury, at the scene and during transport to a medical facility. Successful completion of the program will make candidates eligible to apply for the National Registry of EMTs written exam, which is necessary for licensure in the state of Michigan.

The Emergency Medical Technician - Basic Program is approved by the Michigan Department of Community Health, PO Box 30670, 611 West Ottawa, Lansing, MI 48906; (517) 335-0918.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 24 HOURS			
EMS	101	Basic EMT I	12
EMS	102	Basic EMT II	12
QUARTER HOURS REQUIRED FOR GRADUATION			**24**

EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC

Certificate

The Paramedic is an allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. The Paramedic has the knowledge associated with, and is expected to be competent in, all of the skills of the EMR, EMT, and AEMT. The major difference between the Paramedic and the Basic Emergency Medical Technician is the ability to perform a broader range of advanced skills.

This program provides a thorough understanding of the role of the paramedic and stresses recognition of abnormal conditions through analysis of diagnostic signs and care for the persons with specific illnesses or injury, at the scene and during transport to a medical facility. In addition, students will acquire knowledge and skills in advanced topics such as advanced airway, intravenous therapy, cardiology, pharmacology, pediatrics, and trauma care. Special considerations, such as response to incidents involving hazardous materials, terrorist incidents, and emergency vehicle operations are explored. Successful completion of the program will make candidates eligible to apply for the National Registry for EMTs written and practical exams which are necessary for licensure in the state of Michigan. A valid EMT License, certificate of completion, or any transcripts of post-secondary EMT basic education must be presented to the College before beginning EMS 201E.

Baker College Paramedic programs in Cadillac and Clinton Township are accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763; Phone: (727) 210-2350, Fax: (727) 210-2354

The Baker College Paramedic program in Muskegon holds a Letter of Review, which is NOT a CAAHEP accreditation status, but is a status granted by the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) signifying that a program seeking initial accreditation has demonstrated sufficient compliance with the accreditation Standards through the Letter of Review Self Study Report (LSSR) and other documentation. Letter of Review is recognized by the National Registry of Emergency Medical Technicians (NREMT) for eligibility to take the NREMT's Paramedic credentialing examination(s); however, it is NOT a guarantee of eventual accreditation. CoAEMSP, 8301 Lakeview Parkway Suite 111-312, Rowlett, TX 75088 Ph: (214) 703-8445, Fax 214-703-8992;www.coaemsp.org

The Emergency Medical Technician–Paramedic Program is approved by the Michigan Department of Community Health, PO Box 30670, 611 West Ottawa, Lansing, MI 48906; (517) 335-0918.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 84 HOURS			
EMS	101	Basic EMT I	12
EMS	102	Basic EMT II	12
EMS	201E	Paramedic Training I	12
EMS	202A	Paramedic Training II	12
EMS	203A	Paramedic Training III	12
EMS	204	Paramedic Training IV	12
EMS	205	Paramedic Training V	12
QUARTER HOURS REQUIRED FOR GRADUATION			**84**

PHLEBOTOMY TECHNICIAN

Certificate

This program is designed to prepare students to work as a phlebotomy technician in a variety of medical settings. Students will learn the blood drawing skills in the College laboratory setting and by supervised phlebotomy experiences in medical settings. Additionally, students will understand the pre-analytical variables that affect laboratory specimens and how to work successfully as part of the extended laboratory team. After successful completion of this program students are eligible to sit for one of the national Phlebotomy Technician certification exams.

The Phlebotomy Technician Program at Baker College is approved by the National Accrediting Agency for Clinical Laboratory Sciences, (NAACLS), 5600 N. River Rd., Suite 720, Rosemont, IL 60018-5119; (773) 714-8880.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 39 HOURS			
ENG	101	Composition I	04
HSC	104	Introduction to Disease	04
HSC	151	Introduction to Electronic Health Records	02
HSC	161	Legal Concepts to Medical Practice	02
INF	112	Word Processing	02
MED	103	Medical Terminology	04
PHL	101	Introduction to Phlebotomy	02
PHL	111	Phlebotomy Lab Skills	03
PHL	201	Phlebotomy Laboratory Integration	02
PHL	202	Phlebotomy Exam Review	02
PHL	225	Phlebotomy Internship	03
SCI	100F	Structure and Function of the Human Body	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**39**

STERILE PROCESSING TECHNICIAN

Certificate

This program prepares graduates to enter the field of sterile processing. Sterile processors work in hospitals, outpatient surgery centers, and private offices, as well as for instrument and supply companies. This program focuses on cleaning, disinfection, sterilization and distribution of sterile supplies, instruments, and equipment used in various healthcare settings. Students will gain hands-on experience in a sterile processing department during the clinical portion of the program. Graduates will be eligible to sit for the national certification exam.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 36 HOURS			
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
HSC	102	BLS Provider Training and First Aid	01
INF	161	Technology and Society	02
MED	103	Medical Terminology	04
SCI	100F	Structure and Function of the Human Body	04
SPT	101	Introduction to Sterile Processing	02
SPT	188B	Sterile Processing, Distribution, and Materials Management	04
SPT	192	Surgical Instrumentation, Decontamination, and Sterilization (with Lab)	04
WRK	227	Sterile Processing Technician Externship	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**36**

THERAPEUTIC MASSAGE

Certificate

Students are prepared to enter the field of massage therapy. The 600 contact hour program focuses on therapeutic massage techniques used in a clinical setting. Individuals will be prepared and eligible to take any nationally recognized certification examination including the National Certification Board of Therapeutic Massage and Bodywork (NCBTMB) or Massage and Bodywork Licensing Exam (MBLEx) needed for state licensure.

The Therapeutic Massage Program is accredited by the Commission on Massage Therapy Accreditation (COMTA). COMTA is located at 5335 Wisconsin Avenue NW, Suite 440, Washington, DC 20015; Phone: (202) 895-1518, Fax: (202) 895-1519; info@comta.org or www.comta.org.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 50 HOURS			
ENG	101	Composition I	04
INF	161	Technology and Society	02
MSG	101	Massage Therapy I	04
MSG	102A	Massage Therapy II	03
MSG	111B	Anatomy of Movement I	03
MSG	112A	Anatomy of Movement II	03
MSG	121A	Energy-Based Massage Techniques	03
MSG	141A	Therapeutic Massage Techniques	03
MSG	152	Business and Ethics for Massage Therapists	04
MSG	171A	Documentation for Therapeutic Massage	03
MSG	211C	Pathology and Pharmacology for Therapeutic Massage	03
MSG	220A	Therapeutic Massage Lab I	02
MSG	221B	Therapeutic Massage Lab II	02
MSG	231C	Preparation for Certification Examination	02
SCI	100F	Structure and Function of the Human Body	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**50**

ASSOCIATE DEGREE PROGRAMS

CARDIAC SONOGRAPHY

Associate of Applied Science

This program prepares students by academic and clinical training to provide patient services using diagnostic ultrasound to perform cardiac echo testing under the supervision of a doctor of cardiology. This program will prepare students to perform these skills in a variety of healthcare settings.

The Cardiac Sonography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763; Phone: (727) 210-2350, Fax: (727) 210-2354; on the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), 2025 Woodlane Drive St. Paul, MN 55125-2998; (651) 731-1582; E-mail: jrc-dms@jcahpo.org.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
CARDIAC SONOGRAPHY MAJOR - 94 HOURS			
CAS	105	EKG Technology	04
CAS	121	Introduction to Echocardiography	03
CAS	141	Cardiovascular Procedures	02
CAS	201	Fundamentals of Sonography	04
CAS	202	Cross-Sectional Sonography	04
CAS	210	Advanced Sonography - Valve Disease	04
CAS	211	Advanced Sonography - Ventricular Disease	04
CAS	212	Advanced Sonography - Advanced Disease	04
CAS	220	Cardiovascular Clinical	05
CAS	221	ECT Clinical Affiliation #1	07
CAS	231	ECT Clinical Affiliation #2	07
CAS	260	Advanced Echocardiographic Procedures	04
HSC	105C	Patient Care for the Imaging Professional	04
HSC	151	Introduction to Electronic Health Records	02
HSC	181A	Acoustical Physics	05
HSC	208	Cardiovascular Pharmacology	02
MED	103	Medical Terminology	04
MTH	112A	College Algebra	04
MTH	401	Statistical Methods	04
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	121	Physics Concepts	02
SCI	211	Pathophysiology	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 30 HOURS			
ELECT	120A	Communication Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**124**

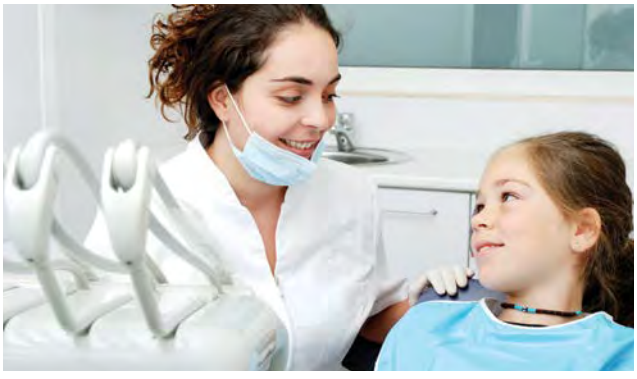
DENTAL HYGIENE

Associate of Applied Science

Dental hygienists are licensed oral health professionals who focus on preventing and treating oral diseases of the teeth and gums, and protection of patients' total health. As part of dental hygiene services, dental hygienists perform oral healthcare assessments that include: patients' health histories, dental charting, oral cancer screening, and taking vital signs (blood pressure, smoking status, and pulse). Additionally, dental hygienists expose, process, and interpret dental radiographs; remove plaque and calculus from the teeth; apply cavity prevention agents; apply sealants; teach patients proper oral hygiene techniques; counsel patients on good nutrition; provide local anesthesia and nitrous oxide for pain and/or anxiety control. Dental hygienists can work as clinicians, educators, researchers, administrators, managers, consumer advocates, sales managers and consultants. They may work in a variety of healthcare settings such as private dental offices, schools, public health clinics, hospitals, correctional institutions, or nursing homes. Successful completion of the program allows graduates to sit for the National Dental Hygiene written board examination, along with the required regional board examinations required for licensure to practice.

The program in dental hygiene is accredited by the Commission on Dental Accreditation of the American Dental Association, 211 East Chicago Ave., Chicago, ILL, 60611; Phone: (312) 440-4563. This is a specialized accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and by the United States Department of Education. Please reference www.ada.org/coda for further information.

Program Status: Limited Enrollment.



Course Number		Course Title	Quarter Hours
DENTAL HYGIENIST MAJOR - 92 HOURS			
DHY	111A	Dental Hygiene I	06
DHY	112A	Principles of Dental Hygiene	03
DHY	113A	Dental Histology and Embryology	03
DHY	114A	Oral Anatomy	03
DHY	116	Head and Neck Anatomy I	02
DHY	117	Head and Neck Anatomy II	01
DHY	121A	Clinical Dental Hygiene II	04
DHY	122	Oral Pathology	03
DHY	123	Dental Radiography	04
DHY	131	Clinical Dental Hygiene III	04
DHY	132	Periodontics I	02
DHY	133A	Dental Materials	03
DHY	134	Dental Health Education	02
DHY	141	Clinical Dental Hygiene IV	02
DHY	201	Dental Pain and Anxiety Control	04
DHY	211B	Clinical Dental Hygiene V	06
DHY	212	Periodontics II	02
DHY	214A	Pharmacology for the Dental Hygienist	03
DHY	221A	Clinical Dental Hygiene VI	06
DHY	222	Community Dentistry	04
DHY	223	Radiographic Interpretation	01
DHY	231A	Clinical Dental Hygiene VII	06
DHY	232	Dental Law and Ethics	02
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	131	Concepts in Microbiology	02
SCI	246	Chemistry I	04
GENERAL EDUCATION REQUIREMENTS - 24 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	108	College Mathematics I: Reasoning and Application	04
SOC	201	Sociology	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**116**

DIAGNOSTIC MEDICAL SONOGRAPHY

Associate of Applied Science

Through academic and clinical training, students are prepared for a career in Diagnostic Medical Sonography that provides patient care while utilizing diagnostic ultrasound equipment. Students will use knowledge gained in this program, experience close patient contact, and utilize diagnostic ultrasound equipment to provide physicians with images necessary to diagnose conditions and diseases. Sonographers are able to: apply knowledge of anatomy and physiology, as well as pathophysiology to accurately demonstrate anatomical structures on a sonogram or digital medium; apply principles of sonographic physics to assess anatomical structures; recognize sonography's role in the healthcare environment; and provide patient care and comfort. Students are eligible to take the registry certification following acceptance of their application by the American Registry of Diagnostic Medical Sonography (ARDMS). The mission of the Diagnostic Medical Sonography program is to provide didactic and clinical education that enables qualified students to achieve strong communication, critical thinking and technical skills required to obtain entry-level employment and become a Registered Diagnostic Medical Sonographer.

The Diagnostic Medical Sonography Program is accredited by the Commission on Accreditation of Allied Health Educational Programs (CAAHEP), 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763; (727) 210-2350. Program accreditation is granted upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), 6021 University Blvd., Suite 500, Ellicott City, MD 21043-6090; (433) 973-3251.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
DIAGNOSTIC MEDICAL SONOGRAPHY MAJOR - 85 HOURS			
DMS	201	Sonographic Technique	04
DMS	210A	Ultrasound of the Normal Abdomen and Pelvis	04
DMS	211A	Ultrasound of Abdominal Pathology	04
DMS	212A	OB/GYN Ultrasound Normal and Pathology	04
DMS	213B	Ultrasound of Superficial Structures and Specialty Exams	04
DMS	215A	Principles of Ultrasound and Instrumentation I	04
DMS	216A	Principles of Ultrasound and Instrumentation II	04
DMS	220	Clinical I	06
DMS	221	Clinical II	06
DMS	222	Clinical III	06
DMS	223	Clinical IV	06
DMS	230	Ultrasound Review	02
HSC	105C	Patient Care for the Imaging Professional	04
HSC	151	Introduction to Electronic Health Records	02
MED	103	Medical Terminology	04
MTH	112A	College Algebra	04
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	121	Physics Concepts	02
SCI	211	Pathophysiology	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**111**

HEALTH INFORMATION TECHNOLOGY

Associate of Applied Science

A Health Information Technician is a skilled professional responsible for maintaining, organizing, and producing medical information. The curriculum prepares students for employment in any healthcare setting. Upon completion of the program, graduates are eligible to sit for the RHIT National Certification Exam.

This program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). 233 North Michigan Avenue, 21st Floor, Chicago, IL 60601-1683; (312) 233-1100.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
HEALTH INFORMATION TECHNOLOGY MAJOR - 65 HOURS			
HIT	100	Healthcare Delivery Systems	04
HIT	101A	Health Data Content and Structure	04
HIT	103A	Organization and Supervision	04
HIT	201	Healthcare Statistics	02
HIT	211	Coding/Classification Systems I	04
HIT	212	Coding/Classification Systems II	04
HIT	213	Coding/Classification Systems III	04
HIT	214A	Coding/Classification Systems IV	02
HIT	221B	Clinical Quality Assessment and Performance Improvement	04
HIT	231A	Legal and Ethical Issues	04
HIT	235	Reimbursement Methodologies and Information Management	04
HIT	243A	Health Information Technology Professional Practice Experience	04
HIT	291	RHIT Review	02
HSC	104	Introduction to Disease	04
HSC	151	Introduction to Electronic Health Records	02
HSC	206	Basic Pharmacology	04
MED	103	Medical Terminology	04
SCI	100F	Structure and Function	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ELECT	120A	Communication Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**91**

MEDICAL ADMINISTRATIVE SPECIALIST

Associate of Applied Science

Medical Administrative Specialists in today's modern medical office environment perform and organize the administrative activities of the office. The Medical Administrative Specialist is productive and responsible, a good decision maker, able to multi-task, and serves as a competent team member in both small and large office settings. Graduates will be equipped with excellent skills in communication, use of technology, and medical office procedures.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
MEDICAL OFFICE ADMINISTRATION MAJOR - 58 HOURS			
ADP	101	Workplace Technology I	04
ADP	102	Workplace Technology II	04
HSC	102	BLS Provider Training and First Aid	01
HSC	104	Introduction to Disease	04
HSC	111	Introduction to Healthcare	04
HSC	161	Legal Concepts to Medical Practice	02
MED	103	Medical Terminology	04
MED	109	Physician's Office Coding	02
MED	112	Medical Office Finance	02
MED	171	Electronic Medical Records	04
MED	203C	Physician's Office Billing	04
MED	207	Medical Office Procedures	04
MED	236	Introduction to Medical Office Administration	02
MED	241	Practice Management	04
MED	251	Medical Office Administration Seminar	04
MED	271	Medical Office Administration Practicum	04
SCI	100F	Structure and Function of the Human Body	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**90**

MEDICAL ASSISTANT

Associate of Applied Science

Medical assisting is a multi-skilled allied health profession in which practitioners work primarily in ambulatory settings such as medical offices and clinics. Medical assistants function as members of the healthcare delivery team and perform administrative duties and clinical procedures. Graduates are encouraged to take the national certifying exam. Passing this exam entitles the candidate to the credential CMA (Certified Medical Assistant), AAMA (American Association of Medical Assistants).

The Medical Assistant programs at the Allen Park, Auburn Hills, Cadillac, Cass City, Clinton Township, Coldwater, Flint, Jackson, Muskegon, Owosso, and Port Huron campuses are accredited by the Commission on Accreditation of Allied Health Education Program (CAAHEP), www.caahep.org; 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763; Phone: 727-210-2350, Fax: 727-210-2354; on the recommendation of the Medical Assisting Education Review Board (MAERB), 20 North Wacker Drive, Suite 1575, Chicago, IL, 60606-2930; (312) 899-1500.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
MEDICAL ASSISTANT MAJOR - 67 HOURS			
HSC	102	BLS Provider Training and First Aid	01
HSC	104	Introduction to Disease	04
HSC	151	Introduction to Electronic Health Records	02
HSC	161	Legal Concepts to Medical Practice	02
MED	103	Medical Terminology	04
MED	106	Asepsis	01
MED	109	Physician's Office Coding	02
MED	112	Medical Office Finance	02
MED	113	Math for Health Occupations	02
MED	116	Patient Assessment	02
MED	171	Electronic Medical Records	04
MED	185	Phlebotomy	02
MED	186	EKG	02
MED	203C	Physician's Office Billing	04
MED	205D	Specialty Examination	04
MED	207	Medical Office Procedures	04
MED	208	Minor Office Surgery	02
MED	218B	Administration of Medications	04
MED	220C	Physician's Office Laboratory	04
MED	241	Practice Management	04
MED	291A	CMA Review	02
SCI	100F	Structure and Function of the Human Body	04
WRK	221	Medical Assistant Externship	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**93**

MEDICAL INSURANCE SPECIALIST

Associate of Applied Science

This program prepares students to identify the major sources of health insurance and their rules and policies affecting billing and payment. An emphasis will be placed on the student's ability to abstract diagnostic and procedure codes, process claims in outpatient, inpatient, and ambulatory care settings, and the management of account receivables to maximize optimum reimbursement. Graduates are encouraged to take a national certification examination.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
MEDICAL INSURANCE SPECIALIST MAJOR - 63 HOURS			
HSC	104	Introduction to Disease	04
HSC	111	Introduction to Healthcare	04
HSC	151	Introduction to Electronic Health Records	02
MED	103	Medical Terminology	04
MED	171	Electronic Medical Records	04
MIS	121A	Introduction to Medical Reimbursement	04
MIS	182A	Revenue Cycle Management	04
MIS	201C	Claims Processing Adjudication	04
MIS	211A	Facility Billing and Coding	04
MIS	221	Coding I	04
MIS	222	Coding II	04
MIS	223	Coding III	04
MIS	251	Reimbursement Ethics and Compliance	04
MIS	291A	Medical Insurance Certification Review	04
SCI	100F	Structure and Function of the Human Body	04
WRK	261	Medical Insurance Specialist Externship	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 30 HOURS			
ELECT	120A	Communication Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**93**

MEDICAL LABORATORY TECHNICIAN

Associate of Applied Science

The Medical Laboratory Technician is a skilled professional who works in a clinical laboratory setting under the supervision of a qualified physician and/or medical technologist. The technician performs laboratory procedures involving body fluids in the areas of hematology, microbiology, immunohematology, immunology, clinical chemistry, and urinalysis. A laboratory technician operates automated analyzers and monitors quality control programs. Although technicians have limited patient contact, clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Upon completion of this program, students will be eligible to sit for national certification as a Medical Laboratory Technician.

The Medical Laboratory Technician Programs at Allen Park and Owosso campuses are accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Rd. Suite 720 Rosemont, IL 60018-5119 Phone: (773) 714-8880 x381; Fax: (773) 714-8886.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
MEDICAL LABORATORY TECHNICIAN MAJOR - 84 HOURS			
HSC	151	Introduction to Electronic Health Records	02
MLT	102	Clinical Laboratory Techniques	04
MLT	111	Phlebotomy for Laboratory Professionals	03
MLT	201	Immunohematology	04
MLT	202	Laboratory Chemistry	04
MLT	203A	Medical Microbiology	04
MLT	204	Hematology	04
MLT	205B	Immunology/Serology	03
MLT	206B	Urinalysis	02
MLT	207	Mycology, Parasitology/Virology	02
MLT	209	Coagulation	02
MLT	271	Clinical Laboratory I	12
MLT	272	Clinical Laboratory II	12
MLT	291	MLT Capstone Review	02
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	211	Pathophysiology	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ELECT	120A	Communication Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**112**

OPTICIANRY

Associate of Applied Science

An optician is a professional who has the responsibility for the dispensing of eyewear, including spectacles, contact lenses, low-vision aids, and accessories. The optician may fabricate, verify, and fit eyeglasses, contact lenses and other optical devices upon the written prescription of a medical doctor or doctor of optometry. Once presented with this prescription, an optician is responsible for analyzing and interpreting the prescription to determine the lenses that are best suited to the patient's lifestyle and visual needs. Frame selection, including size and material, is then chosen. The optician takes measurements to insure proper lens placement in the frame, and must verify the accuracy of the finished product. The glasses are adjusted to the patient by the optician at the time of delivery. Other duties include occasional adjustments to retain proper fit, replacements, and repairs of lenses and frames. Graduates are eligible to sit for the National Opticianry Competency Exam administered by the American Board of Opticianry and the National Contact Lens Examination. Students may also sit for state licensure exams in states where applicable. At this time the state of Michigan does not require licensure or certification to practice this profession.

The Baker College Opticianry Program is accredited by the Commission on Opticianry Accreditation (COA) and is recognized by the Council on Higher Education Accreditation (CHEA, http://www.chea.org/).

COA

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
OPTICIANRY MAJOR - 59 HOURS			
ELECT	100A	Elective	04
MGT	114	Customer Service	04
OP	101	Introduction to Opticianry	04
OP	111	Ocular Anatomy, Physiology, and Pathology	04
OP	121A	Optical Laboratory Theory	03
OP	211	Optical Theory I	03
OP	212	Optical Theory II	03
OP	221A	Optical Dispensing I Theory	03
OP	222A	Optical Dispensing II Theory	03
OP	226	Ophthalmic Procedures	04
OP	231	Introduction to Contact Lenses	02
OP	232	Contact Lenses	04
OP	241	Opticianry Management	02
OP	251	Current Trends in Opticianry	04
OP	261	Optical Dispensing Laboratory	03
OP	271	Opticianry Externship	08
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	120A	Communication Elective	04
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**91**

ORTHOTICS/PROSTHETIC TECHNOLOGY

Associate of Applied Science

This program is designed to provide students with a comprehensive education in the disciplines of Orthotic Technology (fabrication of orthopedic braces) and Prosthetic Technology (fabrication of artificial limbs). Students will learn to interpret orthometry forms, apply biomechanical principles, and fabricate orthotic/prosthetic devices. Upon completion of the program, students are eligible to sit for the national exams to become a Certified Technician Orthotics (CTO), Certified Technician Prosthetics (CTP), or Certified Technician Prosthetics/Orthotics (CTPO).

The program is accredited by the National Commission of Orthotics and Prosthetics Education (NCOPE), 330 John Carlyle Street, Suite 200, Alexandria, VA 22314; Phone: (703) 836-7114, Fax: (703) 836-0838; Web address: http://www.ncope.org, e-mail: info@ncope.org. Accreditation will give graduates eligibility to take the national certification examinations for technicians offered by the American Board for Certification.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
ORTHOTIC/PROSTHETIC TECHNOLOGY MAJOR - 82 HOURS			
HSC	111	Introduction to Healthcare	04
MED	103	Medical Terminology	04
OPT	101	Introduction to Orthotic/Prosthetic Technology	05
OPT	201	Foot and Ankle Orthotics	06
OPT	203	Lower Extremity Plastic Orthotic Systems	06
OPT	204	Lower Extremity Metal Orthotic Systems	06
OPT	211A	Partial Foot and Symes Prosthetics	06
OPT	212	Trans-tibial Prosthetics	06
OPT	213	Trans-femoral Prosthetics	06
OPT	221	Upper Extremity Orthotics	06
OPT	233	Upper Extremity Prosthetics	06
OPT	241B	Spinal Orthotics	04
OPT	251	Orthotics/Prosthetic Clinical Externship	06
OPT	291	Orthotic/Prosthetic Technology Review	02
SCI	100F	Structure and Function of the Human Body	04
SCI	246	Chemistry I	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ELECT	120A	Communication Elective	04
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**110**

PHARMACY TECHNICIAN

Associate of Applied Science

Pharmacy Technicians help licensed Pharmacists provide medication and other healthcare products to patients. Technicians usually perform routine tasks to help prepare prescribed medication, such as counting tablets and labeling bottles. They also perform administrative duties involving medical insurance and assist with ordering and maintaining inventory. Technicians refer any questions regarding prescriptions, drug information, or health matters to a pharmacist. Graduates of this program will be prepared for entry-level employment in a wide variety of pharmacies, including retail, hospital, mail-order, nursing homes, and assisted-living facilities. Current information on opportunities for pharmacy technicians can be found at the Bureau of Labor and Statistics website (www.bls.gov/oco). In addition to employment, courses in the program have been developed to prepare individuals to successfully complete the national certification exam administered by the Pharmacy Technician Certification Board.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
PHARMACY TECHNICIAN MAJOR - 63 HOURS			
ELECT	100A	Elective	04
ELECT	100B	Elective	04
ELECT	100C	Elective	04
HSC	104	Introduction to Disease	04
HSC	111	Introduction to Healthcare	04
HSC	151	Introduction to Electronic Health Records	02
MED	103	Medical Terminology	04
MTH	108	College Mathematics I: Reasoning and Application	04
PHT	101B	Introduction to Pharmacy Technology	04
PHT	111A	Pharmacy Technology I	04
PHT	112A	Pharmacy Technology II	04
PHT	121	Interpretation of Medication Orders	04
PHT	211B	Hospital Pharmacy	04
PHT	212B	Community Pharmacy	04
SCI	100F	Structure and Function of the Human Body	04
WRK	252	Pharmacy Clinical	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 30 HOURS			
ELECT	120A	Communication Elective	04
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	101	Mathematics for Business	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**93**

PHYSICAL THERAPIST ASSISTANT

Associate of Applied Science

The Physical Therapist Assistant (PTA) is a technical healthcare worker who performs patient care under the supervision of a licensed physical therapist. Typical settings include hospitals, rehabilitation clinics, private practice, geriatric care facilities, sport medicine centers, school systems, and industrial sites. For information about the licensure examination see http://www.fsbpt.org/ExamCandidates.aspx.

Accreditation/Approval/Certification Status

External peer review is the primary means of assuring and improving the quality of higher education institutions and programs in the United States. This recognition is accomplished through program accreditation, approval, or certification.

The Baker College Physical Therapist Assistant Programs at Allen Park, Auburn Hills, Flint, and Muskegon are accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, VA 22314; (703) 706-3245; www.capteonline.org; E-mail: accreditation@apta.org.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
PHYSICAL THERAPIST ASSISTANT MAJOR - 88 HOURS			
HSC	151	Introduction to Electronic Health Records	02
HSC	211	Lifespan Development	02
HSC	285	Clinical Pathology	03
MED	103	Medical Terminology	04
PTA	111	Introduction to PTA	02
PTA	112	Therapeutic Documentation for the PTA	01
PTA	171A	Clinical Education I	02
PTA	172A	Clinical Education II	02
PTA	211	PTA Techniques I	04
PTA	212	PTA Techniques II	04
PTA	221B	Therapeutic Exercise I	05
PTA	222B	Therapeutic Exercise II	05
PTA	231B	Functional Mobility	04
PTA	241C	Acute and Long-Term Care	03
PTA	258	Special Topics in Physical Therapy	03
PTA	261B	Professional Preparation I	01
PTA	262A	PTA Capstone	01
PTA	263	Professional Preparation II	01
PTA	271D	Clinical Education III	08
PTA	272D	Clinical Education IV	08
PTA	281	Neurological Foundations of Motor Control for the PTA	03
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	211	Pathophysiology	04
SCI	271A	Clinical Kinesiology	05
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**114**

POLYSOMNOGRAPHIC TECHNOLOGY

Associate of Applied Science

Polysomnography is a new, rapidly growing, health related field dedicated to the study of sleep disorders. With millions of people being tested in sleep laboratories and few formal training programs nationwide, opportunities for qualified polysomnographers (sleep study technologists) are outstanding. These specialists work in state-of-the-art laboratories where they assess patients and prepare them for sleep studies. They also operate, monitor, and troubleshoot highly sophisticated sleep computers to analyze sleep patterns. With the information they gather, sleep technologists help physicians diagnose and treat sleep disorders. Baker College's Associate of Applied Science Degree program in Polysomnographic Technology offers comprehensive preparation for entry into this important field. Specialized laboratories help students develop the expertise needed to become independent clinicians.

Accreditation/Approval/Certification Status

The Polysomnography Program at the Flint campus is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 25400 US Highway 19 North, Suite 158, Clearwater, FL 33763; (727) 210-2350; fax: (727) 210-2354; Web address: www.caahep.org on the recommendation of the Committee on Accreditation for Polysomnographic Technologist Education (CoAPSG) 1711 Frank Avenue, New Bern, NC 28560; (252) 626-3238; Contact e-mail: office@coapsg.org; Web address: www.coapsg.org.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
POLYSOMNOGRAPHIC TECHNOLOGY MAJOR - 58 HOURS			
HSC	102	BLS Provider Training and First Aid	01
HSC	104	Intro to Disease	04
HSC	111	Intro to Healthcare	04
MED	103	Medical Terminology	04
PST	101	Introduction to Polysomnography	04
PST	111	Polysomnographic Seminar I	01
PST	112	Polysomnographic Seminar II	01
PST	121	Patient Preparation	02
PST	131	Professional Management and Legal Issues	02
PST	201	Electronic Theory and Instrumentation Monitoring	04
PST	211	Therapeutic Interventions	04
PST	221A	Neuroanatomy and Pathology	02
PST	231	Cardiorespiratory Pharmacology	02
PST	241	Sleep Analyzing Computers	04
PST	261	Polysomnography Clinical I	02
PST	262	Polysomnography Clinical II	02
PST	271	Polysomnography Internship	04
PST	281	Advanced Polysomnography	04
PST	291	Polysomnography Registry Review	02
SCI	100F	Structure and Function Human Body	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**90**

RADIOLOGIC TECHNOLOGY

Associate of Applied Science

Radiographers are highly skilled professionals qualified to perform diagnostic imaging procedures and examinations prescribed by licensed medical practitioners. Technologists apply knowledge of anatomy and physiology, positioning, and radiographic techniques to provide quality healthcare services. The mission of the Baker College Radiologic Technology program is to enable qualified students to develop into competent and professional entry-level radiographers who are prepared to successfully sit for the ARRT examination and acquire gainful employment. We believe that this is done through exercises in critical thinking, varied clinical experience, the encouragement of universally responsible behavior, and foundations in guiding radiologic principles.

The Radiologic Technology Programs at Clinton Township, Muskegon, and Owosso are accredited by the Joint Review Committee on Education in Radiologic Technology, 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182; Phone: (312) 704-5300, Fax: (312)-704-5304; E-mail: mail@jrcert.org; Web address: www.jrcert.org.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
RADIOLOGIC TECHNOLOGY MAJOR - 101 HOURS			
HSC	151	Introduction to Electronic Health Records	02
MED	103	Medical Terminology	04
RAD	131	Introduction to Radiographic Practice	02
RAD	141	Patient Care in Radiography	05
RAD	151	General Imaging I	05
RAD	152	General Imaging II	05
RAD	161	Digital Imaging Concepts	02
RAD	211	Radiographic Positioning I	05
RAD	212	Radiographic Positioning II	05
RAD	213	Radiographic Positioning III	05
RAD	221	Radiographic Pharmacology	02
RAD	231	Radiographic Science Theory	02
RAD	241	Radiographic Biology and Protection	02
RAD	251	CT and Advanced Procedures	04
RAD	271	Radiographic Clinical I	12

RAD	272	Radiographic Clinical II	12
RAD	273	Radiographic Clinical III	10
RAD	291	Preparation to Achieve Student Success (PASS)	02
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	211	Pathophysiology	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ELECT	120A	Communication Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**127**

RESPIRATORY CARE

Associate of Applied Science

This program is designed to prepare graduates for a highly professional and dynamic career as competent Respiratory Care Practitioners. Respiratory Therapists, also known as Respiratory Care Practitioners, as members of a team of healthcare professionals work to evaluate, treat, and manage patients of all ages with respiratory illnesses and other cardiopulmonary disorders in a wide variety of clinical settings. Respiratory Care Practitioners must behave in a manner consistent with the standards and ethics of all healthcare professionals. In addition to performing respiratory care procedures, respiratory therapists are involved in clinical decision making—such as patient evaluation, treatment selection, and assessment of treatment efficacy—and patient education. Respiratory Care Practitioners work in hospitals, home care companies, physicians' offices, extended care facilities, outpatient centers, respiratory care equipment sales, and as educators in hospitals, colleges, and universities. Therapists may choose to specialize in neonatology or pediatrics caring for infants or children, sleep diagnostics, pulmonary function testing, rehabilitation, providing home care services, or they may choose critical and emergent care settings.

Baker College of Auburn Hills Respiratory Care Program is accredited by the Commission on Accreditation for Respiratory Care (CoARC), 1248 Harwood Road Bedford, TX 76021; (817) 283-2835; Web address: www.coarc.com.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
RESPIRATORY CARE MAJOR - 100 HOURS			
HSC	102	BLS Provider Training and First Aid	01
HSC	151	Introduction to Electronic Health Records	02
MED	103	Medical Terminology	04
MTH	112A	College Algebra	04
RSC	201	Respiratory Care Practices and Procedures I	04
RSC	202	Respiratory Care Practices and Procedures II	04
RSC	203	Respiratory Care Practices and Procedures III	04
RSC	204	Respiratory Care Practices and Procedures IV	04
RSC	205	Respiratory Care Practices and Procedures V	04
RSC	206A	Respiratory Care Practices and Procedures Lab I	02
RSC	207A	Respiratory Care Practices and Procedures Lab II	02
RSC	208A	Respiratory Care Practices and Procedures Lab III	02
RSC	211	Cardiopulmonary Anatomy and Physiology	04
RSC	221	Cardiopulmonary Pathophysiology I	04
RSC	222	Cardiopulmonary Pathophysiology II	04
RSC	231	Respiratory Care Pharmacology	04
RSC	241	Neonatal/Pediatric Respiratory Care	04
RSC	261A	Clinical Care I	02
RSC	262A	Clinical Care II	04
RSC	263	Clinical Care III	06
RSC	264A	Clinical Care IV	06
RSC	265	Clinical Care V	06
RSC	271	Contemporary Topics in Respiratory Care	04
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	246	Chemistry I	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ELECT	120A	Communication Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**126**

SURGICAL TECHNOLOGY

Associate of Applied Science

A surgical technologist possesses expertise in the theory and application of sterile and aseptic technique and combines the knowledge of human anatomy, pathophysiology, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of surgery. The surgical technologist works under the supervision of a surgeon to ensure that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety. Currently, the role of the surgical technologist is expanding to include other areas of surgery such as labor and delivery units, cardiac catheterization labs, outpatient surgery facilities, and for physicians in private practice.

The Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763; Phone: (727) 210-2350; Fax: (727) 210-2354; upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA).

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
SURGICAL TECHNOLOGY MAJOR - 75 HOURS			
HSC	102	BLS Provider Training and First Aid	01
MED	103	Medical Terminology	04
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	211	Pathophysiology	04
SCI	220A	Microbiology	05
STC	100	Overview of Surgical Services	02
STC	101A	Introduction to Surgical Technology with Lab	05
STC	201A	The Surgical Patient	04
STC	211A	Surgical Pharmacology	04
STC	221A	Perioperative and Surgical Techniques	03
STC	231	Surgical Procedures	06
STC	232	Advanced Surgical Procedures and Topics	03
STC	271	Surgical Clinical Externship I	10
STC	272	Surgical Clinical Externship II	10
STC	291	Professional Preparation	03
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	120A	Communication Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**107**

THERAPEUTIC MASSAGE

Associate of Applied Science

Students are prepared to enter the field of massage therapy. The 1,130 contact hour program focuses on therapeutic massage techniques used in a clinical setting. Additionally, students will complete a clinical externship in their last quarter of study. Graduates will be prepared and eligible to take any nationally recognized certification examination including the National Certification Board of Therapeutic Massage and Bodywork (NCBTMB) or Massage and Bodywork Licensing Exam (MBLEx) needed for state licensure.

The Therapeutic Massage Program is accredited by the Commission on Massage Therapy Accreditation (COMTA). COMTA is located at 5335 Wisconsin Avenue NW, Suite 440, Washington, DC 20015; Phone: (202) 895-1518, Fax: (202) 895-1519; info@comta.org or www.comta.org.

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
THERAPEUTIC MASSAGE MAJOR - 60 HOURS			
HSC	102	BLS Provider Training and First Aid	01
HSC	151	Introduction to Electronic Health Records	02
MSG	101	Massage Therapy I	04
MSG	102A	Massage Therapy II	03
MSG	111B	Anatomy of Movement I	03
MSG	112A	Anatomy of Movement II	03
MSG	121A	Energy-Based Massage Techniques	03
MSG	141A	Therapeutic Massage Techniques	03
MSG	152	Business and Ethics for Massage Therapists	04
MSG	161A	Sports/Occupational Massage Techniques	03
MSG	171A	Documentation for Therapeutic Massage	03
MSG	201A	Integrative Bodywork	03
MSG	205A	Complementary Modalities for the Massage Therapist	03
MSG	211C	Pathology and Pharmacology for Therapeutic Massage	03
MSG	220A	Therapeutic Massage Lab I	02
MSG	221B	Therapeutic Massage Lab II	02
MSG	222B	Therapeutic Massage Lab III	04
MSG	242	Therapeutic Massage Clinical Internship and Capstone	04
MSG	321C	Preparation for Certification Examination	02
SCI	100F	Structure and Function of the Human Body	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 30 HOURS			
ELECT	120A	Communication Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**90**

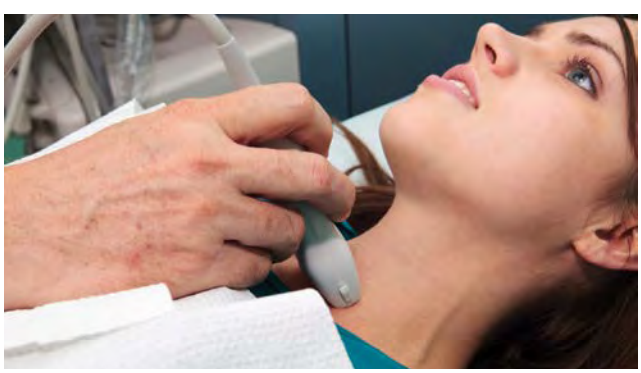
VASCULAR ULTRASOUND TECHNOLOGY

Associate of Applied Science

This program prepares students by academic and clinical training to provide patient services using diagnostic ultrasound to perform vascular testing under the supervision of a licensed medical doctor. This program will prepare students to perform these skills in a variety of healthcare settings.

The Vascular Ultrasound Technology Program on the Auburn Hills and Owosso campuses is accredited by the Commission on Accreditation of Allied Health Education Programs, (CAAHEP), 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763; Phone: (727) 210-2350; Fax: (727) 210-2354; on the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), 2025 Woodlane Drive St. Paul, MN 55125-2998; (651) 731-1582.

Program Status: Limited Enrollment.



Course Number		Course Title	Quarter Hours
VASCULAR ULTRASOUND TECHNOLOGY MAJOR - 88 HOURS			
HSC	102	BLS Provider Training and First Aid	01
HSC	105C	Patient Care for the Imaging Professional	04
HSC	151	Introduction to Electronic Health Records	02
HSC	181A	Acoustical Physics	05
HSC	208	Cardiovascular Pharmacology	02
MED	103	Medical Terminology	04
MTH	112A	College Algebra	04
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	121	Physics Concepts	02
SCI	211	Pathophysiology	04
VAS	101A	Peripheral Vascular Procedures	04
VAS	106B	Introduction to Clinical Practice	04
VAS	111A	Introduction to Vascular Ultrasound	03
VAS	121	Vascular Physics and Hemodynamics	04
VAS	201	Venous Ultrasound	04
VAS	211	Carotid Ultrasound	04
VAS	221	Arterial Ultrasound I	04
VAS	222	Arterial Ultrasound II	04
VAS	231A	Vascular Ultrasound Clinical Experience I	06
VAS	232A	Vascular Ultrasound Clinical Experience II	06
VAS	233A	Vascular Ultrasound Clinical Experience III	06
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**116**

VETERINARY TECHNOLOGY

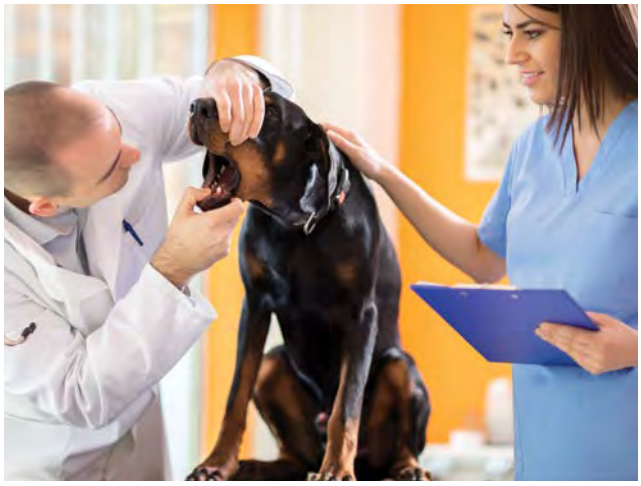
Associate of Applied Science

A veterinary technician can best be thought of as an animal nurse. By definition, a veterinary technician is a person who has completed a 2 year associate degree in Veterinary Technology from an AVMA (American Veterinary Medical Association) accredited institution. The Veterinary Practice Act of Michigan allows veterinary technicians to do anything for the care of animals except diagnose disease, prescribe medication, and perform surgery. Besides providing nursing care, veterinary technicians also function as laboratory technicians, radiology technicians, pharmacy technicians, surgical technicians, and anesthesia technicians. In addition, veterinary technicians are often responsible for a majority of the client education that occurs in a veterinary practice, thus this is a profession that requires excellent communication skills. The veterinary technology profession is very diverse and the opportunities for technicians are extremely varied. Career opportunities exist within, but are not limited to the following areas: small animal hospitals, large animal hospitals, research, education, pharmaceuticals, and the military. Once a student has successfully graduated from an AVMA accredited program, he/she is able to sit for the state and national licensing exams. If the graduate passes both exams, he/she earns the title of Licensed Veterinary Technician (LVT) in the State of Michigan. Students who graduate will be eligible for licensure by the State of Michigan.

Accreditation is granted through the American Veterinary Medical Association, Committee on Veterinary Technician Education and Activities (AVMA, CVTEA). Cadillac, Clinton Township, Flint, Jackson, and Muskegon are currently accredited.

The Veterinary Technology Program is accredited by the American Veterinary Medical Association, Committee on Veterinary Technician Education and Activities (AVMA, CVTEA), 1931 North Meacham Road, Suite 100, Schaumburg, IL 60173-4630; Phone: (800) 248-2862, Fax: (847) 925-1329; Web address: avma.org.

Program Status: Limited Enrollment.



Course Number		Course Title	Quarter Hours
VETERINARY TECHNOLOGY MAJOR - 85 HOURS			
SCI	111	Biology	05
SCI	220A	Microbiology	05
VET	101A	Introduction to Veterinary Technology	05
VET	112	Animal Anatomy and Physiology I	05
VET	113	Animal Anatomy and Physiology II	05
VET	121A	Veterinary Pathology	04
VET	131A	Introduction to Animal Diagnostic Laboratory Procedures	05
VET	141	Introduction to Animal Surgical Procedures/Nursing	06
VET	201	Radiology for Veterinary Technicians	02
VET	211A	Advanced Animal Diagnostic Laboratory	05
VET	221	Large and Small Animal Nursing	06
VET	231	Pharmacology for Veterinary Technicians	06
VET	241A	Laboratory and Exotic Animals	05
VET	251	Office Management and Client Relations	05
VET	261	Advanced Animal Surgical Procedures/Anesthesiology	06
VET	271A	Veterinary Technician Board Review	03
VET	272A	Veterinary Technician Externship	06
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 28 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
PSY	101	Human Relations	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**113**

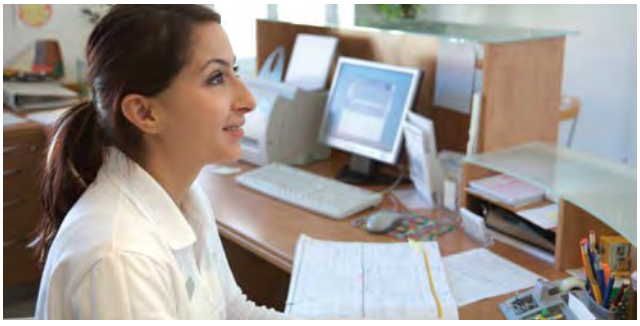
BACHELOR DEGREE PROGRAMS

HEALTH SERVICES ADMINISTRATION

Bachelor of Science

This program will prepare individuals to develop administrative skills necessary to work effectively in a variety of healthcare settings. The combination of general education and health services courses are designed to cultivate critical thinking skills necessary for managing. This program prepares students to plan, direct, coordinate, budget, and assess activities in a variety of healthcare settings.

Program Status: Open Enrollment.



Approved Credit (64 Gen Ed & 52 Elective Credits) **116**

Course Number		Course Title	Quarter Hours
REQUIRED CORE COMPETENCIES – 32 HOURS			
ACC	100	Accounting Elective	04
BUS	211	Business Analytics	04
ECN	100	Economics Elective	04
FIN	100	Finance Elective	04
HSC	104	Introduction to Disease	04
MKT	100	Marketing Elective	04
SCI	100F	Structure and Function of the Human Body	04
SELECT 1 COURSE FROM THE FOLLOWING:			
HRM	100	Human Resource Elective	04
MGT	100	Management Elective	04
HEALTH SERVICES ADMINISTRATION MAJOR – 32 HOURS			
HSC	111	Introduction to Healthcare	04
HSC	312	Health Law and Regulations	04
HSC	315	Planning and Evaluation of Health Services	04
HSC	401	Healthcare Administration	04
HSC	402A	Ethics for Health Professionals	04
HSC	403	Health System Finance	04
HSC	411	Seminar in Health Issues	04
HSC	441	Health Services Administration Externship	04
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

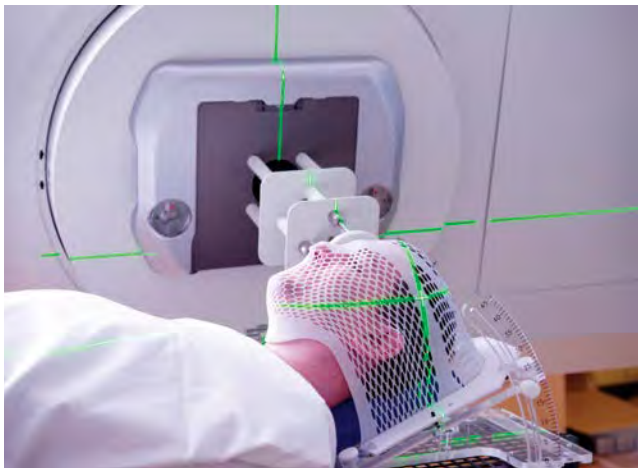
RADIATION THERAPY

Bachelor of Science

This program is an allied health discipline, which utilizes radiation for the treatment of cancer and cancer related diseases. The radiation therapist plays an integral role in the management team of physicians, physicists, and other allied health personnel. The professional has the unique opportunity to blend knowledge and skills of mathematics, medical science, and psychology in his or her everyday work. The radiation therapist has the opportunity of knowing patients over a period of several months, and becoming an integral part of their healthcare.

The Radiation Therapy Program is accredited through the Joint Review Committee on Education in Radiologic Technology, 20 Wacker Drive, Suite 2850, Chicago, IL 60606-3182; Phone: (312) 704-5300, Fax: (312)-704-5304; Web address: www.jrcert.org.

Program Status: Limited Enrollment.



Course Number		Course Title	Quarter Hours
RADIATION THERAPY MAJOR - 123 HOURS			
HSC	151	Introduction to Electronic Health Records	02
MED	103	Medical Terminology	04
MTH	401	Statistical Methods	04
RDT	171	Introduction to Radiation Therapy	04
RDT	221	Imaging and Processing in Radiation Oncology	05
RDT	231	Patient Care Management	02
RDT	261	Radiobiology	02
RDT	311	Radiation Therapy Physics I	04
RDT	312	Radiation Therapy Physics II	04
RDT	321A	Sectional Anatomy	04
RDT	331	Introduction to Clinical Practicum I	05
RDT	332	Introduction to Clinical Practicum II	05
RDT	341	Principles and Practice of Radiation Therapy I	05
RDT	342	Principles and Practice of Radiation Therapy II	05
RDT	421	Dosimetry I	05
RDT	422	Dosimetry II	05
RDT	451	Senior Seminar I	01
RDT	452	Senior Seminar II	02
RDT	453	Senior Seminar III	02
RDT	454	Senior Seminar IV	02
RDT	461	Quality Management and Operational Issues in Radiation Therapy	04
RDT	471	Clinical Practicum I	08
RDT	472	Clinical Practicum II	08
RDT	473	Clinical Practicum III	08
RDT	474	Clinical Practicum IV	08
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	211	Pathophysiology	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 66 HOURS			
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	111	General Psychology	04
PSY	211	Psychology of Death and Dying	04
SCI	121	Physics Concepts	02
SOC	201	Sociology	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	211	Group Dynamics	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

BAKER COLLEGE SCHOOL of NURSING

Any nurse will tell you it can be a tough and demanding job, but they will also tell you that it's one of the most rewarding careers you can choose. This is because on a daily basis you're helping people who need it the most. As a nurse, you'll be both a caregiver and a problem-solver, someone who helps heal people in mind, body, and spirit. Compassion is critical, but you'll also need a strong aptitude for science and critical thinking to properly treat patients.

PRACTICAL NURSE

Certificate

The Practical Nurse Program at Baker College prepares students to attain the necessary knowledge, attitudes, and skills for a career as a practical nurse. Upon completion of the program, graduates will obtain a certificate in Practical Nursing and be eligible to sit for the PN-NCLEX Exam. The curriculum is designed to assist students to become critical thinkers and problem solvers. Students are encouraged to develop an appreciation for the legal, moral, ethical, and cultural dimensions of issues they confront in an ever-evolving healthcare system. The Michigan Board of Nursing may deny licensure to an applicant who has been convicted of a crime or is addicted to drugs or alcohol.

The Baker College of Jackson Practical Nurse program has received initial approval from the Michigan Board of Nursing. Graduates of this program are eligible to take the NCLEX-PN licensing exam, which is a standard exam developed by the National Council of State Boards of Nursing. The Michigan Board of Nursing may deny LPN licensure to an applicant who has been convicted of a crime or is addicted to drugs or alcohol.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
REQUIREMENTS - 66 HOURS			
ENG	101	Composition I	04
HSC	151	Introduction to Electronic Health Records	02
HSC	221**	Nutrition	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
NUR	101A	Nursing Fundamentals	08
NUR	106	Nursing Pharmacology Overview	02
NUR	111	Health Assessment	02
NUR	131	Nursing Strategies Across the Lifespan and Across the Continuum	02
NUR	141	Nursing Drug Applications	02
NUR	171	Legal Issues in Nursing	02
PN	121B	Medical/Surgical Nursing for the PN	09
PN	131C	Maternity and Pediatric Nursing for the Practical Nurse	04
PN	171A	Practical Nurse Seminar	01
PSY	111*	General Psychology	04
SCI	101C*	Human Anatomy and Physiology I	05
SCI	102C**	Human Anatomy and Physiology II	05
SCI	211**	Pathophysiology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**66**

(*) (**) Asterisks denote single or double weighted pre-requisites.
Program subject to change.

NURSING

Associate Degree in Nursing

The mission of the Nursing Program at Baker College is to prepare graduates who are life-long learners with the core knowledge and skills needed to provide competent, holistic nursing care in a diverse and ever-changing healthcare environment.

The Baker College School of Nursing embraces a commitment to the Art and Science of Human Caring, as described by Dr. Jean Watson, in the preparation of individuals committed to providing safe, compassionate, quality care, while promoting positive health outcomes. This Baker College associate degree program will provide practical instruction and experiential learning in a complex, technologically-advanced, culturally-diverse healthcare environment. This program of study will provide an academic foundation for life-long learning and nursing practice in dynamic, contemporary healthcare systems.

This framework is congruent with the mission and vision of Baker College to provide quality higher education and training that enable graduates to be successful throughout challenging and rewarding careers. Nursing is a career that requires life-long learning in a dynamic healthcare system, and the program of study will provide an academic foundation for further nursing education. The curriculum will foster a learning environment preparing caring nurses committed to professional and personal values and responsibilities.

The nursing programs within the Baker College System have been approved by the Michigan Board of Nursing.

The Allen Park ADN program is currently in the process of seeking ACEN accreditation.

Program Status: Limited Enrollment.
All prerequisites must be taken prior to the core nursing classes.

NUR	101A	Nursing Fundamentals	08
NUR	106	Nursing Pharmacology Overview	02
NUR	111	Health Assessment	02
NUR	121B	Medical/Surgical Nursing I	10
NUR	131	Nursing Strategies Across the Lifespan and Across the Continuum	02
NUR	141	Nursing Drug Applications	02
NUR	151A	Maternal Child Nursing	05
NUR	161A	Nursing Care of Children and Their Families	05
NUR	171	Legal Issues in Nursing	02
NUR	201A	Mental Health Nursing	05
NUR	211B	Medical/Surgical Nursing II	05
NUR	231C	Medical/Surgical Nursing III	10
NUR	281	Nursing Leadership Seminar	03
SCIENCE REQUIREMENTS - 22 HOURS			
HSC	151	Introduction to Electronic Health Records	02
HSC	221**	Nutrition	04
SCI	101C**	Human Anatomy and Physiology I	05
SCI	102C**	Human Anatomy and Physiology II	05
SCI	131**	Concepts in Microbiology	02
SCI	211**	Pathophysiology	04
GENERAL EDUCATION REQUIREMENTS - 22 HOURS			
ENG	101	Composition I	04
ENG	102*	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	111*	General Psychology	04
SPK	201*	Oral Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**105**

(*) (**) Asterisks denote single or double weighted pre-requisites.
Program subject to change.

NURSING (PRE-LICENSURE)

Bachelor of Science

The goal of the Baker College Baccalaureate Pre-licensure Nursing program is to provide students a course of study in professional nursing which combines humanities and sciences with the theory and practice of nursing. Students will acquire knowledge and skills needed to function as professional nurses in healthcare settings that are responsive to individual and community needs. These individuals will develop into leaders of research, practice, education, and administration with the healthcare environment. There is no waiting list for this program, but enrollment is limited.

Program requirements include:

- High School diploma or GED equivalent (from an accredited program).
- Successful completion of all designated prerequisite courses with a minimum of a B- (2.7).
- Kaplan Admission Test
- Students must have a cumulative GPA of a B- (2.7) in order to graduate with a BSN degree from Baker College. A minimum grade of 2.0 (C) is required for general education courses.

The pre-licensure nursing programs within the Baker College System have been approved by the Michigan Board of Nursing.

The Baccalaureate Pre-licensure Nursing program at Baker College is accredited by the Commission on Collegiate Nursing Education (CCNE); One Dupont Circle NW, Suite 530, Washington, DC; (202) 887-6791.

CCNE ACCREDITED

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
PREREQUISITES INCLUDE - 50 HOURS			
ENG	101	Composition I	04
ENG	102*	Composition II	04
HSC	151	Introduction to Electronic Health Records	02
HSC	221*	Nutrition	04
INF	161	Technology and Society	02
NUR	105	Introduction to Nursing	02
PSY	111	General Psychology	04
SCI	101C**	Anatomy and Physiology I	05
SCI	102C**	Anatomy and Physiology II	05
SCI	131*	Microbiology	02
SCI	211**	Pathophysiology	04
SCI	246	Chemistry I	04
SPK	201	Oral Communications	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
NURSING MAJOR - 86 HOURS			
CIS	371	Introduction to Healthcare Informatics	04
NUR	205	Fundamentals of Nursing for the BSN	09
NUR	215	Health Assessment for the BSN	05
NUR	225	Pharmacology and Medication Administration	05
NUR	235	Medical Surgical Nursing I for the BSN	10
NUR	305	Mental Health Nursing for the BSN	06
NUR	335	Medical-Surgical Nursing II for the BSN	07
NUR	345	Evidence Based Practice for the RN	04
NUR	355	Maternal-Child Nursing for the BSN	06
NUR	365	Child and Family Nursing for the BSN	06
NUR	415	Community Nursing for the BSN	06
NUR	425	Nursing Leadership for the BSN	05
NUR	435	Medical-Surgical Nursing III for the BSN	07
NUR	485	Synthesis for the BSN	06
GENERAL EDUCATION REQUIREMENTS - 44 HOURS			
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
HUM	401A	Philosophy of Ethics	04
MTH	401	Statistical Methods	04
PSY	221	Developmental Psychology	04
SOC	321	Cultural Diversity	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
SELECT 2 COURSES FROM THE FOLLOWING:			
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SELECT 2 COURSES FROM THE FOLLOWING:			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

(*) (**) Asterisks denote single or double weighted pre-requisites.
Program subject to change.

NURSING (POST-LICENSURE)

Bachelor of Science

The goal of the Baker College Baccalaureate Post-licensure Nursing program is to provide an opportunity for licensed registered nurses to continue their professional growth by the acquisition of knowledge and skills needed to function in healthcare settings that are responsive to individual and community needs as professional nurses. These individuals will develop into leaders of research, practice, education, and administration within the healthcare environment.

Program requirements include:

- An unencumbered license as a Registered Nurse (RN) in the United States (US), District of Columbia, or US territories; or an unencumbered license as a RN in Canada. Note: Canadian RNs must complete the clinical components of this program under the supervision of a baccalaureate nurse licensed in Canada. Successful completion of the Baker College baccalaureate nursing program does not qualify the Canadian graduate to take the US NCLEX examination.
- All students are expected to maintain licensure throughout their academic career.
- Applicants must include a photocopy of an active US or Canadian RN license or a printed page from the licensing state's nursing website or Canadian equivalent verifying licensure status and expiration date.
- Students must have a cumulative GPA of a B- (2.7) in order to graduate with a BSN degree from Baker College. A minimum grade of 2.7 (B-) is required for Health Science Courses (SCI, HSC, NUR). A minimum grade of 2.0 (C) is required for general education courses.

The nursing programs within the Baker College System have been approved by the Michigan Board of Nursing.

The Baccalaureate Post-licensure Nursing program at Baker College is accredited by the Commission on Collegiate Nursing Education (CCNE); One Dupont Circle, NW, Suite 530, Washington, DC, (202) 887-6791.

CCNE ACCREDITED

Program Status: Open Enrollment.

Course Number		Course Title	Quarter Hours
REQUIRED COURSES - 15 HOURS			
HSC	221	Nutrition	04
PSY	111	General Psychology	04
SCI	102C	Human Anatomy and Physiology II	05
SCI	131	Concepts in Microbiology	02
NURSING MAJOR - 44 HOURS			
CIS	371	Introduction to Healthcare Informatics	04
NUR	311	Fundamentals of Professional Nursing Practice	04
NUR	321	Nursing Assessment for the Registered Nurse	04
NUR	331	Health Promotion and Vulnerable Populations	04
NUR	341	Nursing Theory and Research	04
NUR	411	Community Health Nursing	04
NUR	412	Community Health Nursing Practicum	04
NUR	421	Nursing Leadership and Management	04
NUR	422	Nursing Leadership and Management Practicum	04
NUR	482	Nursing Seminar	04
SELECT 1 COURSE FROM THE FOLLOWING:			
NUR	431	Global Health	04
NUR	441	Pathophysiology for the Registered Nurse	04
GENERAL EDUCATION REQUIREMENTS - 48 HOURS			
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
HUM	401A	Philosophy of Ethics	04
MTH	112A	College Algebra	04
MTH	401	Statistical Methods	04
PSY	221	Developmental Psychology	04
SOC	321	Cultural Diversity	04
SPN	101	Spanish I	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	411	Emerging Nations	04
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SPN	102	Spanish II	04
SELECT 1 COURSE FROM THE FOLLOWING:			
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SOC	341	Global Perspectives	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SCI	215	Integrated Physics	04
SCI	246	Chemistry I	04
SCI	321	Principles of Astronomy	04
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

Access additional program information at www.baker.edu

BAKER COLLEGE
SCHOOL of OCCUPATIONAL THERAPY

Occupational therapists work with people who have physical and mental challenges, helping them improve their ability to perform everyday tasks and achieve more independence. They begin by making an assessment of the patient's current abilities, and then develop and implement a plan of care that helps the patient learn or regain the skills needed to live and work.

OCCUPATIONAL THERAPY ASSISTANT

Associate of Applied Science

The occupational therapy assistant is a skilled healthcare practitioner who works under the supervision of a licensed occupational therapist in the planning and treatment implementation of individuals affected by physical, emotional, and developmental disabilities.

The Occupational Therapy Assistant Programs at Baker College of Allen Park, Baker College of Owosso, and Baker College of Muskegon are fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), located at 4720 Montgomery Lane, Suite 200, Bethesda, MD 20814-3449; (301) 652-2682; Web address: www.acoteonilne.org.

Graduates from the accredited programs at Allen Park, Muskegon, and Owosso are eligible to take the national certification examination.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
OCCUPATIONAL THERAPY ASSISTANT MAJOR - 87 HOURS			
HSC	111	Introduction to Healthcare	04
HSC	112	Clinical Documentation	01
HSC	151	Introduction to Electronic Health Records	02
HSC	211	Lifespan Development	02
HSC	281	Neurological Foundations of Motor Control	02
HSC	285	Clinical Pathology	03
MED	103	Medical Terminology	04
OTA	111	Introduction to Occupational Therapy Assisting	02
OTA	120	Elements of Therapeutic Media	03
OTA	141A	Fundamentals of Occupational Therapy Assistant Practice	03
OTA	171A	OTA Level I Fieldwork A	01
OTA	172A	OTA Level I Fieldwork B	01
OTA	201B	OTA Clinical Techniques in Mental Health	02
OTA	202B	OTA Clinical Techniques in Physical Dysfunction	02
OTA	211B	OTA Principles and Applications in Mental Health	04
OTA	221A	OTA Principles and Applications in Physical Dysfunction	04
OTA	231C	OTA Principles and Applications in Pediatrics	03
OTA	251	OT in Specialty Areas	02
OTA	252	Geriatric Patient Care	03
OTA	261	OTA Professional Preparation	01
OTA	262	OTA Fieldwork Integration	01
OTA	271B	OTA Level II Fieldwork A	06
OTA	272B	OTA Level II Fieldwork B	06
OTA	291	OTA Board Review	01
PSY	311	Abnormal Psychology	04
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	211	Pathophysiology	04
SCI	271A	Clinical Kinesiology	05
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 26 HOURS			
ELECT	120A	Communication Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**113**

PRE-OCCUPATIONAL THERAPY

Bachelor of Science

This program is concerned with providing a practical education that will enable graduates to apply their skills to a diverse population in a variety of settings. The curriculum will provide students with early exposure to the occupational therapy profession and to those conceptual models that are applied by occupational therapists on a daily basis.

The combined Pre-Occupational Therapy program and the Master of Occupational Therapy program are currently recognized as fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) and can be reached by mail at: c/o Accreditation Department, American Occupational Therapy Association (AOTA), 4720 Montgomery Lane, Suite 200, Bethesda, MD 20814-3449; (301) 652-AOTA; www.acoteonline.org. Students must have successfully completed all Level I and Level II, clinical experiences, and have graduated from an accredited occupational therapy program to be eligible to sit for the national Occupational Therapist Registered Examination. States have licensure laws that occupational therapists must comply with to practice in that state. The accreditation Council for Occupational Therapy Education (ACOTE) and the American Occupational Therapy Association have mandated that all entry-level occupational therapists be prepared at the master degree level beginning January 2007. Therefore, all pre-occupational therapy students will be required to apply to the Baker Center for Graduate Studies upon completion of the Pre-Occupational Therapy program. The Baker College Bachelor of Health Science and Master of Occupational Therapy programs are combined as a 4+2 degree program; students complete four years of undergraduate study and two years of graduate study. Graduate admission is open only to students who have completed the Pre-Occupational Therapy program at Baker College of Flint. A criminal conviction may prevent eligibility to sit for the national certification examination, qualification for state licensure, specific employment opportunities, and placement at Level I and Level II clinical sites. Students are encouraged to contact state licensure agencies and the National Board for Certification in Occupational Therapy (NBCOT) at (301) 990-7979 or www.nbcot.org prior to applying to the program.

Program Status: Limited Enrollment.

Course Number		Course Title	Quarter Hours
PRE-OCCUPATIONAL THERAPY MAJOR - 124 HOURS			
HSC	402A	Ethics for Health Professionals	04
MED	103	Medical Terminology	04
MTH	401	Statistical Methods	04
OCC	101	Introduction to Occupational Therapy	04
OCC	201B	Therapeutic Use of Occupation I	05
OCC	202B	Therapeutic Use of Occupation II	05
OCC	205	Range/Muscle Testing	02
OCC	221A	Level I Fieldwork (Children)	02
OCC	231	Assessment of Occupational Performance	04
OCC	241	Child Development and the Implications of Pathology/Conditions	04
OCC	302	Mental Health Conditions and Occupational Dysfunction	04
OCC	313	Personal and Environmental Adaptations	04
OCC	314A	Introduction to Documentation in the Healthcare System	04
OCC	322B	Occupational Therapy and Case Management	02
OCC	323A	Level I Fieldwork (Late Adulthood)	02
OCC	331	Evaluation of Occupational Performance	04
OCC	332	Occupational Therapy Theory/Frames of Reference	04
OCC	341	Disease/Injury and Occupational Dysfunction	04
OCC	351	The Aging Process and the Implications of Pathology/Conditions	04
OCC	402A	Program Planning/Intervention Strategies (Early/Middle Adulthood)	05
OCC	403A	Program Planning/Intervention Strategies (Late Adulthood)	05
OCC	406	Complementary Therapies, Wellness and Occupation	04
OCC	413	Roles of Occupation and Psychosocial Treatment Interventions	04
OCC	414	Return to Work and Functional Adaptation	04
OCC	415	Community-Based Occupational Therapy	04
OCC	416	Applied Assessment and Documentation	04
PSY	221	Developmental Psychology	04
SCI	101C	Human Anatomy and Physiology I	05
SCI	102C	Human Anatomy and Physiology II	05
SCI	271A	Clinical Kinesiology	05
SCI	311	Neuroanatomy	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 60 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
GEO	101B	World Geography I	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	111	General Psychology	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	211	Group Dynamics	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
HIS	301	Women's Studies	04
HIS	351	World History I	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	211	Psychology of Death and Dying	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**184**

ELECTIVES

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Associate Degree)			
ELECT	**120A**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
COMPUTER LITERACY ELECTIVES			
ELECT	**161A**	**Computer Literacy Elective**	
ELECT	**161B**	**Computer Literacy Elective**	
ELECT	**161C**	**Computer Literacy Elective**	
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04
PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)			
ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SCIENTIFIC INQUIRY ELECTIVES (Bachelor Degree)			
ELECT	**111A**	**Scientific Inquiry Elective**	
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04

For more information or to see program videos, please visit baker.edu.

In the constantly changing and growing world of computers and digital technology, the computer-related career sector continues to offer a nearly unbeatable combination of employment growth, high salaries, career advancement, and job satisfaction. From the creative to the technical, many of the fastest-growing occupations require only an associate degree. For those with the right aptitude, skill, and training, demand is expected to be particularly strong in software development, database/systems administration, security, systems analysis, and support.

Many of the courses and programs at Baker College are offered in an online delivery format. See page 137 for Baker College Online programs. Contact your campus Academic/Administrative Office for details about Online courses.

A new student may choose an "Undeclared but Degree Seeking" program. A student also may add a limited number of "Student Elected Classes" to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus academic staff to discuss requirements.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.

COLLEGE OF INFORMATION TECHNOLOGY

UNDERGRADUATE PROGRAMS

Dean of the College of Information Technology: Richard Bush, Ph.D.

ASSOCIATE DEGREES

Associate of Applied Science

Computer Programming..... PG. 118
Digital Media Design..... PG. 118
Information Technology ..... PG. 119

BACHELOR DEGREES

Bachelor of Science

Computer Science ..... PG. 120
Cyber Defense..... PG. 120
Digital Media Design..... PG. 121
Game Software Development..... PG. 122
Information Systems ..... PG. 122
Information Technology and Security ..... PG. 123

ELECTIVES

Computer Information Systems Electives ..... PG. 125
General Education Electives ..... PG. 125

ASSOCIATE DEGREE PROGRAMS

COMPUTER PROGRAMMING

Associate of Applied Science Degree

Students with skills in computer science are in high demand to design and develop business information systems. Students in this program acquire skills in programming, systems analysis, and design. Instruction in multiple programming languages provides students with diverse, flexible, and employable skill sets in a variety of businesses and industries in positions such as programmers, developers, and systems analysts.

Course Number		Course Title	Quarter Hours
COMPUTER PROGRAMMING MAJOR - 67 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	303A	Computer Architecture	04
CIS	310	Visual BASIC	04
CIS	331	Database Management Using SQL	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	217A	C++ Programming	04
CS	218A	Object Oriented Programming With C++	04
CS	231	Microprocessor Electronics	04
ELECT	105A	Information Systems Elective	04
MTH	124	Trigonometry	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	132A	RPG IV	04
CS	241	Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	233A	Advanced RPG IV	04
CS	242	Advanced Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	119A	iSeries CL and File Design	04
CS	201	Net-centric Computing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	311	Advanced Visual BASIC	04
CS	243	Applied Java Techniques	04
GSD	311	C# Programming	04
MTH	340	Discrete Mathematics	04
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 30 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	121	Introduction to Windows	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**97**

DIGITAL MEDIA DESIGN

Associate of Applied Science Degree

The Digital Media Design program focuses on application of the latest concepts and technology relating to presentation of information in a creative, organized, and effective manner. Graduates with these skills have career choices in areas such as Web and graphic design, print production, marketing, and communications.

Course Number		Course Title	Quarter Hours
DIGITAL MEDIA DESIGN MAJOR - 69 HOURS			
DMD	101	Introduction to Digital Media Communications	04
DMD	111	Introduction to Digital Design/Illustration	04
DMD	121	Introduction to Digital Publishing	04
DMD	131	Introduction to Graphic Imaging	04
DMD	201	Typography	04
DMD	211	Corporate Branding Design	04
DMD	212	Publication Design Processes	04
DMD	213	Collaborative Design Processes	04
DMD	241	Digital Media Production Methods	04
DMD	251	Digital Media Business Practices	04
DMD	291	Portfolio Development	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
MKT	111B	Principles of Marketing	04
WEB	111B	Introduction to HTML	04
WEB	121A	World Wide Web Design	04
WEB	201	Web Multi-Media	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 30 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**99**

INFORMATION TECHNOLOGY

Associate of Applied Science Degree

Information Technology professionals install, configure, secure, and support an organization's computing systems including: PCs and other devices, Wide Area Networks (WANs), Local Area Networks (LANs), and Internet systems. They also monitor business and company networks and perform necessary repairs and maintenance to support network availability for all system users. The Baker College Information Technology Associate Degree program provides a solid foundation for students to pursue this growing occupation while allowing the flexibility to choose an area of concentration. Foundational courses align with industry certifications including: CompTIA A+, Network+, and Security+.

Microsoft IT Academy Program Member

Cisco Systems Networking Academy

Course Number		Course Title	Quarter Hours
INFORMATION TECHNOLOGY REQUIREMENTS - 39 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	114	Database Fundamentals	02
ITS	211	Introduction to Network Security	04
LUX	205	Introduction to Linux/Unix	04
MNP	201	Microsoft Windows Server Administration I	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	121A	Network Fundamentals	04
NET	222	Introduction to Routers and Routing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MNP	171A	Windows 7 Configuration	04
MNP	181	Windows 8 Configuration	04
GENERAL EDUCATION REQUIREMENTS - 24 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04

SELECT 1 OF THE FOLLOWING MAJORS:

CISCO MAJOR - 36 HOURS

CSC	221B	Routing and Switching Essentials	08
CSC	231B	Scaling Networks	08
CSC	241A	Connecting Networks	08
MTH	112A	College Algebra	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	222	Cisco Wireless Networking	04
NET	211	Wireless Networking	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	223	Cisco Voice Networking	04
ELECT	107A	Information Technology Elective	04
QUARTER HOURS REQUIRED FOR GRADUATION			**99**

CYBER SECURITY MAJOR - 32 HOURS

CIS	107B	Computer Operating Systems and Maintenance II	04
CIS	331	Database Management Using SQL	04
ELECT	107A	Information Technology Elective	04
ITS	111	Introduction to Information System Security	04
ITS	221	VPN/Firewall Architecture and Management I	04
ITS	222	VPN/Firewall Architecture and Management II	04
MTH	112A	College Algebra	04
NET	211	Wireless Networking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**95**

IT SUPPORT SPECIALIST MAJOR - 38 HOURS

CIS	107B	Computer Operating Systems and Maintenance II	04
CIS	211	Information Technology Customer Service and Support	04
CIS	302A	Intermediate Database Management	04
CIS	310	Visual BASIC	04
CIS	313A	Intermediate Spreadsheets	04
CIS	314	Advanced Software Solutions	04
CIS	331	Database Management Using SQL	04
CS	111	Introduction to Programming	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
QUARTER HOURS REQUIRED FOR GRADUATION			**101**

LINUX/UNIX SYSTEMS MAJOR - 32 HOURS

CIS	107B	Computer Operating Systems and Maintenance II	04
CS	111	Introduction to Programming	04
LUX	211	Shell Programming	04
LUX	261	Linux/Unix System Administration I	04
LUX	262	Linux/Unix System Administration II	04
LUX	263	Linux/Unix System Administration III	04
LUX	269	Linux/Unix Systems Project	04
MTH	112A	College Algebra	04
QUARTER HOURS REQUIRED FOR GRADUATION			**95**

MICROSOFT MAJOR - 32 HOURS

CIS	107B	Computer Operating Systems and Maintenance II	04
CIS	331	Database Management Using SQL	04
ELECT	107A	Information Technology Elective	04
ELECT	107B	Information Technology Elective	04
MNP	202	Microsoft Windows Server Administration II	04
MNP	203	Microsoft Windows Server Administration III	04
MTH	112A	College Algebra	04
NET	211	Wireless Networking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**95**

BACHELOR DEGREE PROGRAMS

COMPUTER SCIENCE

Bachelor of Science

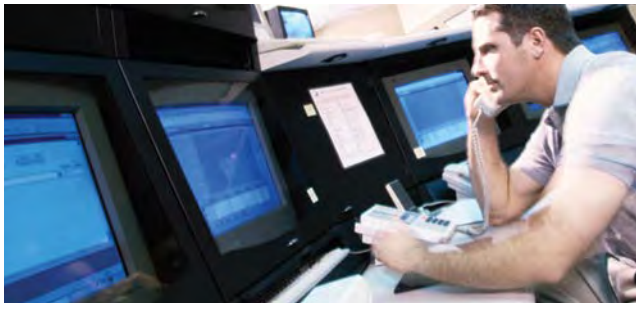
This program prepares students for a career in computer software development. Students will acquire skills in software development, Internet communications, and database administration, as well as foundational knowledge in the field of computer science.

Course Number		Course Title	Quarter Hours
COMPUTER SCIENCE MAJOR - 131 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	303A	Computer Architecture	04
CIS	310	Visual BASIC	04
CIS	311	Advanced Visual BASIC	04
CIS	331	Database Management Using SQL	04
CIS	403	Systems Development Project	04
CIS	404	Advanced Computer Architecture	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	201	Net-centric Computing	04
CS	217A	C++ Programming	04
CS	218A	Object Oriented Programming With C++	04
CS	231	Microprocessor Electronics	04
CS	321	Data Structures and Algorithms I	04
CS	322	Data Structures and Algorithms II	04
CS	341	Programming for Mobile Devices	04
CS	422A	Database Programming I	04
CS	451	Unit Testing and Interfaces	04
CS	481	Trends in Computer Science	04
EGR	111	Technical Communications for Engineering Sciences	04
ELECT	105A	Information Systems Elective	04
ELECT	105B	Information Systems Elective	04
ELECT	105C	Information Systems Elective	04
GSD	311	C# Programming	04
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
MTH	401	Statistical Methods	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

CYBER DEFENSE

Bachelor of Science

This program prepares graduates for career opportunities in information technology and security with a concentration in cyber defense. Protection of multiple platform hardware, software, networking, and operating systems is considered an integral part of any business' information technology topology. Information technology specialists work in healthcare, business, information systems, technical, and engineering fields. Cyber defense technologists' possess the necessary skills to identify, correct, and defend against internal and external threats as well as other problematic issues relative to an organizations computing and networking infrastructure on a multiple platform topology.



Course Number		Course Title	Quarter Hours
CYBER DEFENSE MAJOR - 139 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	107B	Computer Operating Systems and Maintenance II	04
CIS	114	Database Fundamentals	02
CIS	331	Database Management Using SQL	04
ELECT	107A	Information Technology Elective	04
ELECT	107B	Information Technology Elective	04
ELECT	107C	Information Technology Elective	04
ITS	211	Introduction to Network Security	04
ITS	305	Security Policies and Auditing	04
ITS	315	Information Systems Threat Assessment	04
ITS	321	Legal and Ethical Issues in Information Technology	04
ITS	331	Designing for Security	04
ITS	341	Scripting for Network Administrators	04
ITS	421	Tactical Perimeter Defense	04
ITS	491	Information Security Research and Design Project	04
LUX	205	Introduction to Linux/Unix	04
LUX	211	Shell Programming	04
LUX	261	Linux/Unix System Administration I	04
LUX	262	Linux/Unix System Administration II	04
LUX	263	Linux/Unix System Administration III	04
MNP	201	Microsoft Windows Server Administration I	04
MNP	202	Microsoft Windows Server Administration II	04
MNP	203	Microsoft Windows Server Administration III	04
MNP	431	Designing and Implementing a Server Infrastructure	04
MNP	432	Implementing an Advanced Server Infrastructure	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04

NET	211	Wireless Networking	04
NET	222	Introduction to Routers and Routing	04
NET	224	Advanced Routers and Routing	04
NET	226A	Designing Internetwork Solutions	04
PPM	301	Project Management	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
WRKTC	201	Work Experience	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MNP	171A	Windows 7 Configuration	04
MNP	181	Windows 8 Configuration	04
GENERAL EDUCATION REQUIREMENTS - 60 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**199**

DIGITAL MEDIA DESIGN

Bachelor of Science

This program is designed for students who want to combine graphic communication proficiency with a special focus on digital video production. Technical courses emphasize the creative development of concepts and ideas using a variety of graphic art and Web design media. Students also complete a sequence of digital video production courses that range from storyboarding through the final phases of filming, editing, and DVD development. Skills developed in related areas such as marketing, advertising, sales, and public relations are essential to success in today's fast-paced and highly competitive graphic design and digital media businesses.

Course Number		Course Title	Quarter Hours
DIGITAL MEDIA DESIGN MAJOR - 117 HOURS			
BUS	211	Business Analytics	04
DMD	101	Introduction to Digital Media Communications	04
DMD	111	Introduction to Digital Design/Illustration	04
DMD	121	Introduction to Digital Publishing	04
DMD	131	Introduction to Graphic Imaging	04
DMD	201	Typography	04
DMD	211	Corporate Branding Design	04
DMD	212	Publication Design Processes	04
DMD	213	Collaborative Design Processes	04
DMD	241	Digital Media Production Methods	04
DMD	251	Digital Media Business Practices	04
DMD	291	Portfolio Seminar	04
DMD	301	Intermediate Graphic Imaging	04
DMD	311	Advanced Graphic Imaging	04
DMD	331	Integrated Media Design	04
DMD	401	Multi-Media Production I	04
DMD	402	Multi-Media Production II	04
DMD	411	Graphic Presentation	04
MKT	111B	Principles of Marketing	04
MKT	131	Personal Selling	04
MKT	241	Advertising/Digital Marketing I	04
MKT	261	Marketing Planning	04
MKT	342	Digital Marketing II	04
WEB	111B	Introduction to HTML	04
WEB	121A	World Wide Web Design	04
WEB	201	Web Multi-Media	04
WEB	241	ActionScript Programming	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	401A	Professional Speaking	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

GAME SOFTWARE DEVELOPMENT

Bachelor of Science

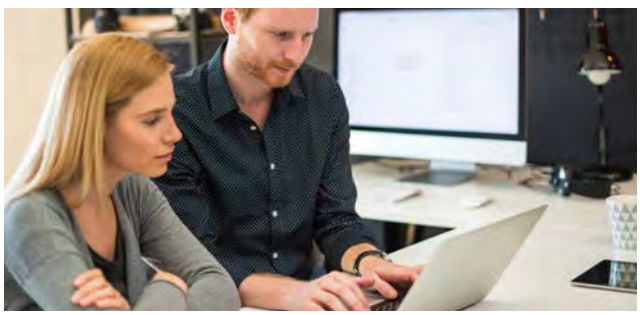
This program is designed to immerse students in the core knowledge of software engineering emphasizing animation and gaming development. This program will focus on leading programming technologies and will prepare students for entry level positions in the computer gaming industry. A comprehensive approach will carry students from modeling, through animation and game programming, to the senior design project.

Course Number		Course Title	Quarter Hours
GAME SOFTWARE DEVELOPMENT MAJOR - 111 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	310	Visual BASIC	04
CIS	311	Advanced Visual BASIC	04
CIS	331	Database Management Using SQL	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	217A	C++ Programming	04
CS	218A	Object Oriented Programming With C++	04
CS	321	Data Structures and Algorithms I	04
CS	322	Data Structures and Algorithms II	04
GSD	301	Game Scripting	04
GSD	311	C# Programming	04
GSD	321	Game Console Design	04
GSD	331	Application Security Practices	04
GSD	341	Flash Game Development	04
GSD	401	3-D Character Design	04
GSD	411	3-D Character Animation	04
GSD	421	Artificial Intelligence	04
GSD	431	Game Programming I	04
GSD	432	Game Programming II	04
GSD	499	Senior Design Project in Game Software Development	04
MTH	124	Trigonometry	04
MTH	340	Discrete Mathematics	04
PPM	301	Project Management	04
WEB	111B	Introduction to HTML	04
WEB	201	Web Multi-Media	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
GENERAL EDUCATION REQUIREMENTS - 70 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

INFORMATION SYSTEMS

Bachelor of Science

Information Systems (IS) professionals serve as strategic liaisons between administrative and technological functions of an organization. IS professionals integrate business processes and complex information technology while serving as consultants, designers, or implementers of new solutions that assist an organization in achieving goals. Related occupations include Information Systems Manager, Chief Information Officer, Project Manager, Computer Systems Analyst, and Systems Administrator.



Course Number		Course Title	Quarter Hours
INFORMATION SYSTEMS MAJOR - 87 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	114	Database Fundamentals	02
CIS	331	Database Management Using SQL	04
CIS	351	System Modeling and Design	04
CIS	421B	Database Administration I	04
CIS	431	Enterprise Architecture	04
CIS	441	IS Strategy, Management and Acquisition	04
CIS	495	Special Topics in Information Systems	04
CIS	499	Senior Project in Information Systems	04
CS	111	Introduction to Programming	04
CS	422A	Database Programming I	04
ITS	211	Introduction to Network Security	04
ITS	321	Legal and Ethical Issues in Information Technology	04
MTH	401	Statistical Methods	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04
PPM	301	Project Management	04
PPM	311	Project Planning	04
PPM	401	Project Cost and Budget Management	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CS	217A	C++ Programming	04
CS	241	Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CS	218A	Object Oriented Programming With C++	04
CS	242	Advanced Java Programming	04

BUSINESS REQUIREMENTS - 20 HOURS			
ACC	121	Fundamentals of Accounting I	04
BUS	211	Business Analytics	04
MGT	101	Introduction to Business	04
MGT	141	Principles of Management	04
MGT	321	Management Information Systems	04
GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	231	Organizational Psychology	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04

SELECT 1 OF THE FOLLOWING MINORS:

ACCOUNTING MINOR - 24 HOURS

ACC	122	Fundamentals of Accounting II	04
ACC	241	Accounting Concepts	04
ACC	301	Intermediate Accounting I	04
SELECT 3 COURSES FROM THE FOLLOWING:			
ACC	231	Computerized Accounting	04
ACC	251	Payroll Accounting	04
ACC	302	Intermediate Accounting II	04
ACC	303	Intermediate Accounting III	04
ACC	312B	Business Entities Taxation	04
ACC	331A	Cost Accounting	04
ACC	341B	Individual Taxation	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

HEALTHCARE INFORMATICS MINOR - 24 HOURS

CIS	371	Introduction to Healthcare Informatics	04
CIS	451	Advanced Healthcare Informatics	04
HSC	111	Introduction to Healthcare	04
HSC	312	Health Law and Regulations	04
MED	103	Medical Terminology	04
MED	171	Electronic Medical Records	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

INFORMATION ASSURANCE MINOR - 28 HOURS

ITS	305	Security Policies and Auditing	04
ITS	315	Information Systems Threat Assessment	04
ITS	325	Securing Systems	04
ITS	405	Internet and Web Security	04
ITS	415	Firewall Concepts	04
ITS	425	Computer Forensics and Investigation	04
ITS	435	Disaster Recovery	04
QUARTER HOURS REQUIRED FOR GRADUATION			**199**

MANAGEMENT MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:			
MGT	212A	Staffing and Performance Management	04
MGT	221	Applied Business Analytics	04
MGT	222	Management Seminar	04
MGT	250	Conflict Management	04
MGT	311	Organizational Change	04
MGT	331	Applied Leadership	04
MGT	341	Globalization and Diversity	04
MGT	350	Services Management	04
MGT	405	Contemporary Management Strategies	04
MGT	422	Operations Management	04
MGT	442	Global Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

5 YEAR MSIS PROGRAM - 16 HOURS

BUS	615	Human Behavior Management of Organizations	04
BUS	678	Research and Statistics for Managers	04
MIS	511	Management Information Systems	04
MIS	521	Information Systems Project Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**187**

WEB DEVELOPMENT MINOR - 24 HOURS

WEB	111B	Introduction to HTML	04
WEB	131	Web Development I	04
WEB	211	Web Scripting	04
WEB	221	Interactive Web Design	04
SELECT 2 COURSES FROM THE FOLLOWING:			
WEB	121A	World Wide Web Design	04
WEB	132	Web Development II	04
WEB	201	Web Multi-Media	04
WEB	222	Internet Commerce	04
WEB	231	Server-Side Programming	04
WEB	241	ActionScript Programming	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

INFORMATION TECHNOLOGY AND SECURITY

Bachelor of Science

This program prepares graduates for career opportunities in information technology and security technology as network administrators, system analysts, or similar positions. Employees with information technology and security knowledge are considered an integral part of many business' information technology teams. Information technology professionals work in healthcare, business, information systems, technical, and engineering fields. They possess the skills to manage information technology teams as well as handle the technical aspects of the network infrastructure.

Course Number		Course Title	Quarter Hours
INFORMATION TECHNOLOGY REQUIREMENTS - 71 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	114	Database Fundamentals	02
ITS	211	Introduction to Network Security	04
ITS	321	Legal and Ethical Issues in Information Technology	04
ITS	331	Designing for Security	04
ITS	341	Scripting for Network Administrators	04
ITS	421	Tactical Perimeter Defense	04
ITS	491	Information Security Research and Design Project	04
LUX	205	Introduction to Linux/Unix	04
MTH	401	Statistical Methods	04
MNP	201	Microsoft Windows Server Administration I	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04
PPM	301	Project Management	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04

SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	121B	Introduction to Networks	04
NET	222	Introduction to Routers and Routing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	222	Cisco Wireless Networking	04
NET	211	Wireless Networking	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MNP	171A	Windows 7 Configuration	04
MNP	181	Windows 8 Configuration	04
GENERAL EDUCATION REQUIREMENTS - 60 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04

SELECT 1 OF THE FOLLOWING MAJORS:

CISCO NETWORK ADMINISTRATION MAJOR - 52 HOURS

CSC	221B	Routing and Switching Essentials	08
CSC	231B	Scaling Networks	08
CSC	241A	Connecting Networks	08
NET	301	Building Multi-Layer Switched Networks	04
NET	311	Building Scalable Internetworks	08
NET	321A	Implementing Secure Converged Wide Area Networks	04
NET	401	Internetwork Troubleshooting	04
NET	441A	Securing Networks with Firewalls	04
NET	421A	Internetwork Design Project	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

CISCO NETWORK PROFESSIONAL MAJOR - 52 HOURS

CSC	221B	Routing and Switching Essentials	08
CSC	231B	Scaling Networks	08
CSC	241A	Connecting Networks	08
CSC	331	CCNA Security	06
CSC	421	CCNP Route	06
CSC	431	CCNP Switch	06
CSC	441	CCNP Tshoot	06
ITS	305	Security Policies and Auditing	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

INFORMATION ASSURANCE MAJOR - 52 HOURS

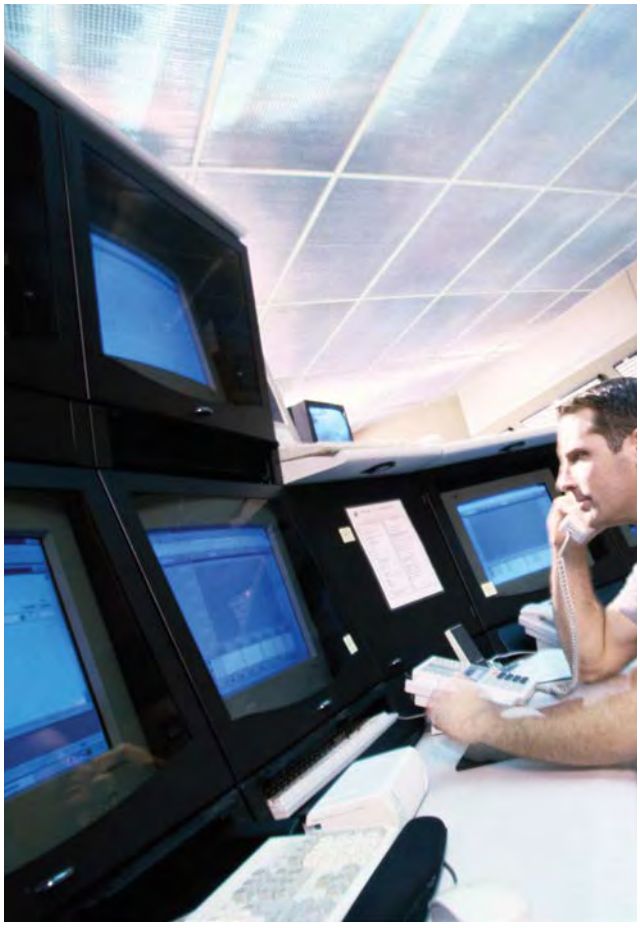
ELECT	107A	Information Technology Elective	04
ELECT	107B	Information Technology Elective	04
ELECT	107C	Information Technology Elective	04
ELECT	107D	Information Technology Elective	04
ELECT	107E	Information Technology Elective	04
ELECT	107F	Information Technology Elective	04
ITS	305	Security Policies and Auditing	04
ITS	315	Information Systems Threat Assessment	04
ITS	325	Securing Systems	04
ITS	405	Internet and Web Security	04
ITS	415	Firewall Concepts	04
ITS	425	Computer Forensics and Investigation	04
ITS	435	Disaster Recovery	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

INTERNETWORKING ADMINISTRATION MAJOR - 52 HOURS

CIS	107B	Computer Operating Systems and Maintenance II	04
ELECT	107A	Information Technology Elective	04
ELECT	107B	Information Technology Elective	04
ELECT	107C	Information Technology Elective	04
NET	224	Advanced Routers and Routing	04
NET	226A	Designing Internetwork Solutions	04
NET	301	Building Multi-Layer Switched Networks	04
NET	311	Building Scalable Internetworks	08
NET	321A	Implementing Secure Converged Wide Area Networks	04
NET	401	Internetwork Troubleshooting	04
NET	411A	Securing Networks with Firewalls	04
NET	421A	Internetwork Design Project	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

MICROSOFT SYSTEM ADMINISTRATION MAJOR - 52 HOURS

CIS	107B	Computer Operating Systems and Maintenance II	04
CIS	331	Database Management Using SQL	04
ELECT	107A	Information Technology Elective	04
ELECT	107B	Information Technology Elective	04
ELECT	107C	Information Technology Elective	04
ELECT	107D	Information Technology Elective	04
ELECT	107E	Information Technology Elective	04
ITS	305	Security Policies and Auditing	04
ITS	315	Information Systems Threat Assessment	04
MNP	202	Microsoft Windows Server Administration II	04
MNP	203	Microsoft Windows Server Administration III	04
MNP	431	Designing and Implementing a Server Infrastructure	04
MNP	432	Implementing an Advanced Server Infrastructure	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**



ELECTIVES

COMPUTER INFORMATION SYSTEMS ELECTIVES

Course Number		Course Title	Quarter Hours
INFORMATION SYSTEMS ELECTIVES			
ELECT	**105A**	**Information Systems Elective**	
ELECT	**105B**	**Information Systems Elective**	
ELECT	**105C**	**Information Systems Elective**	
CIS	119A	iSeries CL and File Design	04
CIS	132A	RPG IV	04
CIS	233A	Advanced RPG IV	04
CIS	311	Advanced Visual BASIC	04
CIS	404	Advanced Computer Architecture	04
CIS	421B	Database Administration I	04
CIS	422	Database Administration II	04
CS	241	Java Programming	04
CS	242	Advanced Java Programming	04
CS	346	Programming for Security	04
CS	391	Research in Computer Science	04
CS	406	Operating System Development	04
CS	422A	Database Programming I	04
CS	423	Database Programming II	04
DMD	131	Introduction to Graphic Imaging	04
SPN	103	Spanish III	04
WEB	111B	Introduction to HTML	04
WEB	121A	World Wide Web Design	04
WEB	131	Web Development I	04
WEB	132	Web Development II	04
WEB	201	Web MultiMedia	04
WEB	211	Web Scripting	04
WEB	221	Interactive Web Design	04
WEB	241	ActionScript Programming	04
INFORMATION TECHNOLOGY ELECTIVES			
ELECT	**107A**	**Information Technology Elective**	
ELECT	**107B**	**Information Technology Elective**	
ELECT	**107C**	**Information Technology Elective**	
ELECT	**107D**	**Information Technology Elective**	
ELECT	**107E**	**Information Technology Elective**	
ELECT	**107F**	**Information Technology Elective**	
CIS	211	Information Technology Customer Service and Support	04
CSC	221B	Routing and Switching Essentials	08
CSC	222	Cisco Wireless Networking	04
CSC	223	Cisco Voice Networking	04
CSC	231B	Scaling Networks	08
CSC	241A	Connecting Networks	08
EET	111A	Electrical Technology	04
EET	115D	DC Circuits	04
EET	136	Digital Circuits I	04
EET	216	Digital Circuits II	04
ITS	111	Introduction to Information System Security	04
ITS	221	VPN/Firewall Architecture and Management I	04
ITS	222	VPN/Firewall Architecture and Management II	04
ITS	341	Scripting for Network Administrators	04
LUX	211	Shell Programming	04
LUX	261	Linux/Unix System Administration I	04
LUX	262	Linux/Unix System Administration II	04
LUX	263	Linux/Unix System Administration III	04
MNP	202	Microsoft Windows Server Administration II	04
MNP	203	Microsoft Windows Server Administration III	04
MNP	301	Implementing and Maintaining Microsoft SQL Server	04
MNP	311	Configuring Microsoft Office Sharepoint Server	04
MNP	321	Configuring Microsoft Exchange Server	04
NET	211	Wireless Networking	04
NET	224	Advanced Routers and Routing	04
NET	226A	Designing Internetwork Solutions	04

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Associate Degree)			
ELECT	**120A**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
COMPUTER LITERACY ELECTIVES			
ELECT	**161A**	**Computer Literacy Elective**	
ELECT	**161B**	**Computer Literacy Elective**	
ELECT	**161C**	**Computer Literacy Elective**	
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04

PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)

ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04

SCIENTIFIC INQUIRY ELECTIVES (Bachelor Degree)

ELECT	**111A**	**Scientific Inquiry Elective**	
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04

For more information or to see program videos, please visit baker.edu.

The area of Social Science covers a wide variety of professions that have one thing in common: they are all devoted to helping people. Whether it's criminal justice, interpreter training, or human services, you will provide those in need with essential services—while making positive contributions to their lives, as well as your own. Career satisfaction in some Social Science fields ranks among the highest of all professions.

Many of the courses and programs at Baker College are offered in an online delivery format. See page 137 for Baker College Online programs. Contact your campus Academic/Administrative Office for details about Online courses.

A new student may choose an "Undeclared but Degree Seeking" program. A student also may add a limited number of "Student Elected Classes" to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus Social Science staff to discuss requirements.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.

The Human Services Associate and Bachelor Degree programs are accredited by the Council for Standards in Human Service Education (CSHSE). 3337 Duke Street, Alexandria, VA 22314; phone: 571-257-3959; e-mail: info@cshse.org; Web address: www.cshse.org.

COLLEGE OF SOCIAL SCIENCE
UNDERGRADUATE PROGRAMS

Dean of the College of Social Science: Louise Wang-Weldon, MSW, JD

CERTIFICATE
Correctional Studies ..... PG. 130

ASSOCIATE DEGREES
Associate of Applied Science
Criminal Justice (CRJ) ..... PG. 130
Human Services ..... PG. 131
Law Enforcement Academy (Police) ..... PG. 131

BACHELOR DEGREES
Bachelor of Science
Criminal Justice ..... PG. 132
Human Services ..... PG. 132
Interpreter Training ..... PG. 133
Law Enforcement Academy (Police) ..... PG. 134

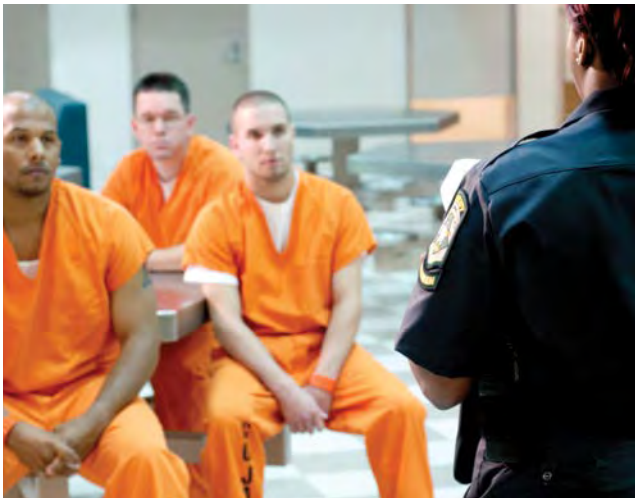
ELECTIVES
General Education Electives ..... PG. 135

CERTIFICATE PROGRAM

CORRECTIONAL STUDIES

Certificate

This program prepares students for meeting the Michigan Department of Corrections (MDOC) requirements needed for positions in correctional facilities in the state, local, and private sectors. Students could complete 24 credits in a minimum of two quarters. Students successfully completing this certificate will have completed the requirements for initial employment by the MDOC.



Course Number		Course Title	Quarter Hours
REQUIREMENTS - 24 HOURS			
CRJ	101	Introduction to Criminal Justice	04
CRJ	106	Introduction to Corrections	04
SELECT THREE OF THE FOLLOWING:			
CRJ	121	Correctional Facilities	04
CRJ	131	Client Relations	04
CRJ	141	Criminology	04
CRJ	151	Legal Issues in Corrections	04
CRJ	171	Defensive Tactics	04
CRJ	181	Community Corrections	04
CRJ	211	Interpersonal Communication and Conflict Management	04
SELECT ONE OF THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SOC	201	Sociology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**24**

ASSOCIATE DEGREE PROGRAMS

CRIMINAL JUSTICE

Associate of Applied Science Degree

This program prepares graduates with the skills, tools, and methods needed to work in the criminal justice profession. The program explores the philosophical underpinnings of crime and justice. Graduates will understand the interrelatedness of police, corrections, and the courts. Concepts of justice, duty, and societal issues will be examined along with various ethical issues related to criminal justice topics. Graduates will model ethical behavior and a commitment to service with the skills necessary to respond to complex and dynamic situations appropriately. Interpersonal communication and writing skills germane to the criminal justice profession are practiced throughout the program.

Course Number		Course Title	Quarter Hours
CRIMINAL JUSTICE MAJOR - 70 HOURS			
CRJ	101	Introduction to Criminal Justice	04
CRJ	106	Introduction to Corrections	04
CRJ	111	9-1-1 Telecommunications I	04
CRJ	112	9-1-1 Telecommunications II	04
CRJ	121	Correctional Facilities	04
CRJ	131	Client Relations	04
CRJ	141	Criminology	04
CRJ	151	Legal Issues in Corrections	04
CRJ	211	Interpersonal Communication and Conflict Management	04
CRJ	221	Interviewing, Investigations, and Report Writing	04
CRJ	231	Principles of Policing I	04
CRJ	261A	Security Management	04
CRJ	281A	Criminal Justice Work Experience I	04
CRJ	301	Juvenile Justice Concepts	04
CRJ	311	Ethical Issues in Criminal Justice	04
HSC	102	BLS Provider Training and First Aid	01
PSY	311	Abnormal Psychology	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
CRJ	171	Defensive Tactics	04
CRJ	181	Community Corrections	04
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**102**

HUMAN SERVICES

Associate of Applied Science Degree

This program prepares students in the areas of psychology, stress management, conflict management, and social problems to work in entry-level positions in a variety of human services settings. Graduates will work closely with social workers, counselors, and psychologists, focusing on the special needs of children, adolescents, families, developmentally disabled individuals, and the elderly. This program combines general education with training for competency in the field of human services in order for graduates to be prepared in their chosen fields of study and to continually enhance their own personal and professional growth.

The Human Services Associate and Bachelor Degree programs are accredited by the Council for Standards in Human Service Education (CSHSE). 3337 Duke Street, Alexandria, VA 22314; phone: 571-257-3959; e-mail: info@cshse.org; Web address: www.cshse.org.

Course Number		Course Title	Quarter Hours
HUMAN SERVICES MAJOR - 65 HOURS			
HUS	101B	Introduction to Human Services	04
HUS	121	Family Dynamics	04
HUS	131B	Human Services Resources	02
HUS	141	Abuse and Neglect in the Family	04
HUS	201	Substance Abuse	04
HUS	211	Assessment, Recording, and Reporting	04
HUS	221	Case Management I	04
HUS	231	Crisis Intervention	02
HUS	271A	Human Services Internship I	06
HUS	371A	Human Services Internship II	06
PSY	111	General Psychology	04
PSY	201A	Cognitive-Behavior Therapy	04
PSY	241	Theories of Counseling	04
PSY	331	Human Development I	04
PSY	332	Human Development II	04
SOC	201	Sociology	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	120A	Communication Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
PSY	211	Psychology of Death and Dying	04
SPK	201	Oral Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**97**

LAW ENFORCEMENT ACADEMY (POLICE)

Associate of Applied Science Degree

This program prepares graduates with the skills, tools, and methods needed in the law enforcement profession. Students successfully completing the program will receive an Associate of Applied Science in Criminal Justice and certification as a police officer in the State of Michigan pursuant to the Michigan Commission on Law Enforcement Standards (MCOLES). A student will take most of his/her academic courses during the first year or two before applying for the Law Enforcement Academy. Students must complete a medical, vision, and hearing screening; pass the MCOLES Reading and Writing Test; pass the MCOLES Fitness Test; complete the application materials; and successfully complete the admission process to be admitted into the Academy. Students will receive 24-quarter credits upon successful completion of the Academy. Students must be admitted into the Academy to remain in this program.

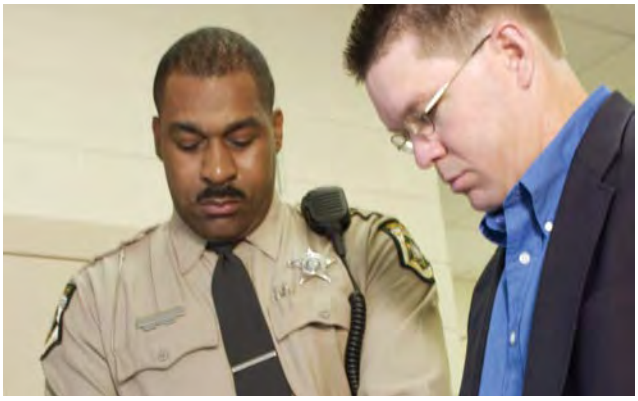
Course Number		Course Title	Quarter Hours
LAW ENFORCEMENT ACADEMY - 24 HOURS			
CRIMINAL JUSTICE MAJOR - 46 HOURS			
CRJ	101	Introduction to Criminal Justice	04
CRJ	106	Introduction to Corrections	04
CRJ	111	9-1-1 Telecommunications I	04
CRJ	112	9-1-1 Telecommunications II	04
CRJ	121	Correctional Facilities	04
CRJ	151	Legal Issues in Corrections	04
CRJ	261A	Security Management	04
CRJ	281A	Criminal Justice Work Experience I	04
CRJ	301	Juvenile Justice Concepts	04
CRJ	311	Ethical Issues in Criminal Justice	04
HSC	102	BLS Provider Training and First Aid	01
PSY	311	Abnormal Psychology	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**102**

BACHELOR DEGREE PROGRAMS

CRIMINAL JUSTICE

Bachelor of Science

This program prepares graduates with the skills, tools, and methods needed to work in the criminal justice profession. The program explores the philosophical underpinnings of crime and justice. Graduates will understand the interrelatedness of police, corrections, and the courts. Concepts of justice, duty, and societal issues will be examined along with various ethical issues related to criminal justice topics. Graduates will model ethical behavior and a commitment to service with the skills necessary to respond to complex and dynamic situations appropriately. Interpersonal communication and writing skills germane to the criminal justice profession are practiced throughout the program.



Course Number		Course Title	Quarter Hours
CRIMINAL JUSTICE MAJOR - 118 HOURS			
CRJ	101	Introduction to Criminal Justice	04
CRJ	106	Introduction to Corrections	04
CRJ	111	9-1-1 Telecommunications I	04
CRJ	112	9-1-1 Telecommunications II	04
CRJ	121	Correctional Facilities	04
CRJ	131	Client Relations	04
CRJ	141	Criminology	04
CRJ	151	Legal Issues in Corrections	04
CRJ	211	Interpersonal Communication and Conflict Management	04
CRJ	221	Interviewing, Investigations, and Report Writing	04
CRJ	231	Principles of Policing I	04
CRJ	232	Principles of Policing II	04
CRJ	261A	Security Management	04
CRJ	281A	Criminal Justice Work Experience I	04
CRJ	301	Juvenile Justice Concepts	04
CRJ	311	Ethical Issues in Criminal Justice	04
CRJ	321	Criminal Law	04
CRJ	331	Cybercrime Investigations	04
CRJ	341	Introduction to Forensic Science	04
CRJ	351	Evidence Collection and Procedures	04
CRJ	361	Organized Crime and Youth Gangs	04
CRJ	371	Criminal Courts	04
CRJ	421	Evidence-Based Practices	04
CRJ	431	Terrorism and Homeland Security	04
CRJ	441	Organizational Leadership in Criminal Justice	04
CRJ	481A	Criminal Justice Work Experience II	04
HSC	102	BLS Provider Training and First Aid	01
HUS	201	Substance Abuse	04
PSY	311	Abnormal Psychology	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
CRJ	171	Defensive Tactics	04
CRJ	181	Community Corrections	04
GENERAL EDUCATION REQUIREMENTS - 68 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**186**

HUMAN SERVICES

Bachelor of Science

This program prepares students to enter into jobs as case managers, mental health team members for in-home programs, state social service workers, direct care providers or supervisors in residential settings, shelter personnel, and other mental health or social service positions. This program combines general education with training for competency in the field of human services in order for graduates to be prepared in their chosen fields of study and to continually enhance their own personal and professional growth.

The Human Services Associate and Bachelor Degree programs are accredited by the Council for Standards in Human Service Education (CSHSE). 3337 Duke Street, Alexandria, VA 22314; phone: 571-257-3959; e-mail: info@cshse.org; Web address: www.cshse.org.

Course Number		Course Title	Quarter Hours
HUMAN SERVICES MAJOR - 131 HOURS			
HUS	101B	Introduction to Human Services	04
HUS	121	Family Dynamics	04
HUS	131B	Human Services Resources	02
HUS	141	Abuse and Neglect in the Family	04
HUS	201	Substance Abuse	04
HUS	211	Assessment, Recording, and Reporting	04
HUS	221	Case Management I	04
HUS	231	Crisis Intervention	02
HUS	271A	Human Services Internship I	06
HUS	292A	Family Support Strategies	04
HUS	301A	Research Methods in Human Services	04
HUS	321A	Human Services Administration I	04
HUS	351	Child Welfare Services	04
HUS	371A	Human Services Internship II	06
HUS	403	Mental Health Services	04
HUS	411A	Institutional Treatment and Alternative Settings in Human Services	04
HUS	412	Case Management II	04
HUS	421A	Human Services Administration II	04
HUS	431	The DSM System	04
HUS	441	Home Visitation	02
HUS	471A	Human Services Internship III	06
PSY	111	General Psychology	04
PSY	201A	Cognitive-Behavior Therapy	04
PSY	241	Theories of Counseling	04
PSY	311	Abnormal Psychology	04
PSY	321	Psychology of Disability	04
PSY	331	Human Development I	04
PSY	332	Human Development II	04
PSY	405	Psychopharmacology	02
PSY	411	Clinical Methods in Mental Health	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SOC	321	Cultural Diversity	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
PSY	211	Psychology of Death and Dying	04
PSY	335	Human Sexuality	04
PSY	401	Social Psychology	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

INTERPRETER TRAINING

Bachelor of Science

This program prepares graduates for employment as Sign Language Interpreters, who facilitate communication between deaf and hard of hearing individuals, and the hearing population. Graduates will be able to communicate effectively in American Sign Language (ASL) and other forms of sign communication. Completion of the bachelor program will provide graduates with advanced skills leading to higher levels of state and national credentials.

Course Number		Course Title	Quarter Hours
INTERPRETER TRAINING MAJOR - 133 HOURS			
ITP	101	The Deaf Community	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
ITP	113	American Sign Language III	04
ITP	121	Expressive Manual Communication	02
ITP	131A	Fingerspelling I	02
ITP	132A	Fingerspelling II	02
ITP	141A	Sign to Voice I	04
ITP	201	Voice to Sign I	04
ITP	202	Voice to Sign II	04
ITP	214	American Sign Language IV	04
ITP	221	Introduction to the Interpreting Profession	04
ITP	231	Linguistic Principles	04
ITP	242A	Sign to Voice II	04
ITP	243A	Sign to Voice III	04
ITP	251A	Transliterating I	04
ITP	261A	Deaf Culture and History	04
ITP	271	Signing Internship I	04
ITP	272	Signing Internship II	04
ITP	291	Professional Interpreter Seminar I	04
ITP	303	Voice to Sign III	04
ITP	315	American Sign Language V	04
ITP	331	Language Semantics	04
ITP	332	ASL Discourse	04
ITP	333	Classifiers and Depictions	04
ITP	352	Transliterating II	04
ITP	373	Signing Internship III	04
ITP	381	The Interpreting Process	04
ITP	401	Deaf Literature and Arts	04
ITP	453	Transliterating III	04
ITP	474	Signing Internship IV	04
ITP	481	Educational Interpreting	04
ITP	482	Interpreting in Specialized Settings	04
ITP	483	Deaf and Blind Interpreting	04
ITP	491	Professional Interpreting Seminar II	04
WRK	291B	Professional Career Strategies	01

GENERAL EDUCATION REQUIREMENTS - 77 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
ENG	211A	Structures of English	05
ENG	231	Language and Culture	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
PSY	101	Human Relations	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SPK	211	Group Dynamics	04
WRI	115	Workplace Communication	04
QUARTER HOURS REQUIRED FOR GRADUATION			**210**

LAW ENFORCEMENT ACADEMY (POLICE)

Bachelor of Science

This program prepares graduates with the skills, tools, and methods needed in the law enforcement profession. Students successfully completing the program will receive a Bachelor in Criminal Justice and certification as a police officer in the State of Michigan pursuant to Michigan Commission on Law Enforcement Standards (MCOLES). A student will take most of his/her academic courses during the third and fourth year of classes before applying for the Law Enforcement Regional Training Academy. Students must complete a medical, vision, and hearing screening; pass the MCOLES Reading and Writing Test; pass the MCOLES Fitness Test; complete the application materials; and successfully complete the admission process to be admitted into the Academy. Students will receive 24-quarter credits upon successful completion of the Academy. Students must be admitted into the Academy to remain in this program.

CRJ	106	Introduction to Corrections	04
CRJ	111	9-1-1 Telecommunications I	04
CRJ	112	9-1-1 Telecommunications II	04
CRJ	121	Correctional Facilities	04
CRJ	151	Legal Issues in Corrections	04
CRJ	232	Principles of Policing II	04
CRJ	261A	Security Management	04
CRJ	281A	Criminal Justice Work Experience I	04
CRJ	301	Juvenile Justice Concepts	04
CRJ	311	Ethical Issues in Criminal Justice	04
CRJ	321	Criminal Law	04
CRJ	331	Cybercrime Investigations	04
CRJ	341	Introduction to Forensic Science	04
CRJ	351	Evidence Collection and Procedures	04
CRJ	361	Organized Crime and Youth Gangs	04
CRJ	371	Criminal Courts	04
CRJ	421	Evidence-Based Practices	04
CRJ	431	Terrorism and Homeland Security	04
CRJ	441	Organizational Leadership in Criminal Justice	04
CRJ	481A	Criminal Justice Work Experience II	04
HSC	102	BLS Provider Training and First Aid	01
HUS	201	Substance Abuse	04
PSY	311	Abnormal Psychology	04
WRK	291B	Professional Career Strategies	01
GENERAL EDUCATION REQUIREMENTS - 68 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**186**

ELECTIVES

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Associate Degree)			
ELECT	**120A**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
COMPUTER LITERACY ELECTIVES			
ELECT	**161A**	**Computer Literacy Elective**	
ELECT	**161B**	**Computer Literacy Elective**	
ELECT	**161C**	**Computer Literacy Elective**	
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02
GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04
PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)			
ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SCIENTIFIC INQUIRY ELECTIVES (Bachelor Degree)			
ELECT	**111A**	**Scientific Inquiry Elective**	
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04

For more information or to see program videos, please visit baker.edu.

Baker College Online is a recognized leader in career-based online learning, distinguished for its quality, value, and commitment to excellence in online instruction, student services, and ultimately your success. Our online undergraduate programs are purposefully designed to meet the needs of people whose lives and schedules aren't suited to the traditional on-campus college experience. Programs available 100% online, with flexible scheduling, allow you to conveniently fit your studies into even the busiest schedule.

College Success Online (COL 112) is required for all first-time college students enrolled in a certificate or degree program online. This course informs students of campus services; college technology; policies and procedures; as well as addresses learning and study strategies.

A new student may choose an "Undeclared but Degree Seeking" program. A student also may add a limited number of "Student Elected Classes" to his/her program with the approval of an Academic Advisor. Information about both of these options, including course and credit hour limitations, can be obtained in the Academic Office.

Information regarding double majors and/or minors is located on page 223. Contact your campus academic staff to discuss requirements.

Students may be required to pass a health screening and a criminal background check prior to particular courses, admittance into programs, or for their clinical externship.

Disclosure information regarding gainful employment for certificate programs can be found at www.baker.edu/gainfulemployment.

Baker College is one of the most successful providers of online education in the United States. Baker Online offers certificates as well as multiple associate and bachelor degree programs via the Internet. Students can supplement their campus-based program with online courses or complete their entire degree online.

ONLINE
UNDERGRADUATE PROGRAMS

ASSOCIATE DEGREES

Associate of Applied Science

Computer Programming.....PG. 141
Information Technology.....PG. 141

Associate of Business

* Accounting.....PG. 140
Business Administration .....PG. 140

BACHELOR DEGREES

Bachelor of Business Administration

* Accounting.....PG. 142
* Business Administration - Accelerated.....PG. 142
* Finance.....PG. 145
* Human Resource Management.....PG. 147
* Management.....PG. 150
* Marketing.....PG. 152
Supply Chain Management .....PG. 156

Bachelor of General Studies.....PG. 146

Bachelor of Science

Computer Science .....PG. 143
Criminal Justice .....PG. 143
Database Technology .....PG. 144
Game Software Development.....PG. 145
Health Services Administration.....PG. 146
Information Systems .....PG. 148
Information Technology and Security .....PG. 150
Mobile Application Software Engineering .....PG. 153
Nursing - Post-Licensure .....PG. 153
Project Management and Planning.....PG. 154
Psychology .....PG. 155
Web Development .....PG. 157

ELECTIVES

Computer Information Systems Electives .....PG. 158
General Education Electives .....PG. 159

International Assembly for Collegiate Business Education • IACBE.org

Baker College has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE) located at 11374 Strang Line Road in Lenexa, Kansas. Web Address: www.iacbe.org. The business programs designated with an asterisk (*) are accredited by the IACBE.

TECHNICAL REQUIREMENTS

Online students must have the following hardware and software:

Additional equipment and software may be required for some courses.

PC REQUIREMENTS

- Intel Core i3 Processor or higher
- Windows 7 or higher
  (Higher version may be required in some classes)
- 4 GB of RAM required
- 80 GB hard drive
- Microsoft Office 2010
  (Higher version may be required in some classes)
- IE 9 and/or a recent/updated release of Firefox or Chrome
- Java 7
- Virus protection software
- Webcam recommended and may be required in some courses

MAC REQUIREMENTS

- OS X 10.7.3 or later
- 4 GB of RAM
- 80 GB hard drive
- Microsoft Office - Mac 2011
  (Higher version may be required in some classes)
- Safari 6.1.5 and/or a recent/updated release of Firefox or Chrome
- Java 7
- Virus protection software
- Webcam recommended and may be required in some courses

Online courses at Baker College are delivered utilizing a secure learning management system. Students are required to comply with the Institution's policy regarding: (1) the "Policy on the Proper Use of Information Resources, Information Technology, and Networks at Baker College" and (2) "Information Systems Division: Conditions of use Policy." Those abusing their privileges or violating these policies may be removed from the system and denied further access.

2016-17 ACADEMIC CALENDAR

FALL 2016

SEPT. 22 - DEC. 14
1st Session:
Sept. 22 - Nov. 2
2nd Session:
Nov. 3 - Dec. 14

WINTER 2017

JAN. 5 - MAR. 29
1st Session:
Jan. 5 - Feb. 15
2nd Session:
Feb. 16 - Mar. 29

SPRING 2017

MAR. 30 - JUNE 21
1st Session:
Mar. 30 - May 10
2nd Session:
May 11 - June 21

SUMMER 2017

JUNE 22 - AUG. 2
1st Session Only:
June 22 - Aug. 2

FALL 2017

AUG. 28 - Dec. 16
1st Session:
Aug. 28 - Oct. 21
2nd Session:
Oct. 23 - Dec. 16

12 REASONS TO CHOOSE BAKER ONLINE

ONLINE LEARNING CONSORTIUM™ QUALITY SCORECARD

MILITARY FRIENDLY SCHOOL

Baker College strongly believes in the Principles of Excellence as outlined in Executive Order 13607 in serving all military connected students by being an active participant of GoArmyEd and CCAF's AU-ABC Program. The college is a proud signer of the DOD MOU and is eligible to receive Federal military and Veteran education benefits.

ACCREDITED

Baker College Online is accredited by the Higher Learning Commission, which assures you that credits earned are recognized and meet high standards of educational quality.

RATED A "BEST BUY"

GetEducated.com ranks Baker Online® as one of their 30 "Best Buys" nationwide.

FOUNDED IN 1911

Baker College was one of the first colleges to offer online classes.

ONLINE ORIENTATION COURSE

This course teaches students the online environment before they begin their actual classes.

PROVEN ONLINE CURRICULUM

Curriculum is based on identified learning outcomes that align with employer needs.

AFFORDABLE

Tuition is affordable because we are a not-for-profit institution focused on serving students, not shareholders. The Jewel Education Fund invests in our students via scholarships, grants, etc.

OVER 40 CAREER PROGRAMS

Associate, bachelor, master, and doctoral degree programs are available 100% online with no on-campus classes required.

CONVENIENT CLASSES

Baker's online programs are available 24/7/365 from virtually anywhere in the world.

LARGEST INDEPENDENT COLLEGE IN MICHIGAN

Baker College has nearly 25,000 students. Over 12,000 students attend online worldwide.

PERSONAL GUIDANCE

Online students have a personal academic advisor to answer questions, provide guidance, and help them succeed.

LIFETIME EMPLOYMENT ASSISTANCE

All Baker Online graduates receive Lifetime Employment Assistance—free and forever—to help them establish and sustain successful careers.

REAL-WORLD PROGRAMS

Baker programs are designed to meet the needs of today's job market, giving our graduates an employment advantage.

ASSOCIATE DEGREE PROGRAMS

ACCOUNTING

Associate of Business Degree

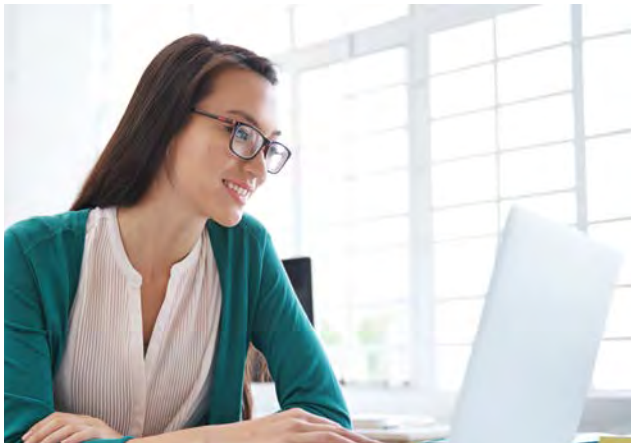
Accounting is a vital function for any business, regardless of size or complexity. This program prepares students for entry-level positions in the accounting field as well as for advanced study in the discipline. Students completing this degree will develop the skills necessary to record, present, and analyze financial data and evaluate the operational performance of a variety of entities.

Course Number		Course Title	Quarter Hours
ACCOUNTING MAJOR - 31 HOURS			
ACC	231	Computerized Accounting	04
ACC	241	Accounting Concepts	04
ACC	251	Payroll Accounting	04
ACC	301	Intermediate Accounting I	04
ACC	341B	Individual Taxation	04
ELECT	100A	Elective	04
INF	113	Electronic Spreadsheets	02
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 32 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MKT	111B	Principles of Marketing	04
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**95**

BUSINESS ADMINISTRATION

Associate of Business Degree

The Business Administration Associate Degree program provides students a fundamental knowledge of business functions and processes and an understanding of business organizations in today's global economy. Students will discover the functional areas of business including accounting, finance, management, and marketing. Students will also explore concepts in entrepreneurship, business law, and economics. This program prepares students for a successful entry-level career in the business environment.



Course Number		Course Title	Quarter Hours
BUSINESS ADMINISTRATION MAJOR - 29 HOURS			
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
SELECT 24 CREDITS FROM THE FOLLOWING:			
BUS	211	Business Analytics	04
ELECT	100A	Transfer/Work/Military Credits	04
ELECT	100B	Transfer/Work/Military Credits	04
ELECT	100C	Transfer/Work/Military Credits	04
EN	201	Introduction to Entrepreneurship	04
MGT	111	Professional Management Behavior	04
MGT	212A	Staffing and Performance Management	04
MGT	222	Management Seminar	04
PPM	301	Project Management	04
BUSINESS REQUIREMENTS - 32 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MKT	111B	Principles of Marketing	04
GENERAL EDUCATION REQUIREMENTS - 32 HOURS			
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**93**

COMPUTER PROGRAMMING

Associate of Applied Science Degree

Students with skills in computer science are in high demand to design and develop business information systems. Students in this program acquire skills in programming, systems analysis, and design. Instruction in multiple programming languages provides students with diverse, flexible, and employable skill sets in a variety of businesses and industries in positions such as programmers, developers, and systems analysts.

Course Number		Course Title	Quarter Hours
COMPUTER PROGRAMMING MAJOR - 67 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	303A	Computer Architecture	04
CIS	310	Visual BASIC	04
CIS	331	Database Management Using SQL	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	217A	C++ Programming	04
CS	218A	Object Oriented Programming With C++	04
CS	231	Microprocessor Electronics	04
ELECT	105A	Computer Information Systems Elective	04
MTH	124	Trigonometry	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	132A	RPG IV	04
CS	241	Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	233A	Advanced RPG IV	04
CS	242	Advanced Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	119A	iSeries CL and File Design	04
CS	201	Net-centric Computing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CIS	311	Advanced Visual BASIC	04
CS	243	Applied Java Techniques	04
GSD	311	C# Programming	04
MTH	340	Discrete Mathematics	04
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 30 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	121	Introduction to Windows	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**97**

INFORMATION TECHNOLOGY

Associate of Applied Science Degree

Information Technology professionals install, configure, secure, and support an organization's computing systems including: PCs and other devices, Wide Area Networks (WANs), Local Area Networks (LANs), and Internet systems. They also monitor business and company networks and perform necessary repairs and maintenance to support network availability for all system users. The Baker College Information Technology Associate Degree program provides a solid foundation for students to pursue this growing occupation while allowing the flexibility to choose an area of concentration. Foundational courses align with industry certifications including: CompTIA A+, Network+, and Security+.

Microsoft IT Academy Program Member

IT SUPPORT SPECIALIST MAJOR

This major focuses on the segment of the IT market that provides service and support for software applications configuration, training of users, maintenance of information, and communication processes between a company's back-end network administrators and middle to front-line employees and customers.

Course Number		Course Title	Quarter Hours
INFORMATION TECHNOLOGY REQUIREMENTS - 39 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	114	Database Fundamentals	02
ITS	211	Introduction to Network Security	04
LUX	205	Introduction to Linux/Unix	04
MNP	201	Microsoft Windows Server Administration I	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	121A	Network Fundamentals	04
NET	222	Introduction to Routers and Routing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MNP	171A	Windows 7 Configuration	04
MNP	181	Windows 8 Configuration	04
GENERAL EDUCATION REQUIREMENTS - 24 HOURS			
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
IT SUPPORT SPECIALIST MAJOR - 38 HOURS			
CIS	107B	Computer Operating Systems and Maintenance II	04
CIS	211	Information Technology Customer Service and Support	04
CIS	302A	Intermediate Database Management	04
CIS	310	Visual BASIC	04
CIS	313A	Intermediate Spreadsheets	04
CIS	314	Advanced Software Solutions	04
CIS	331	Database Management Using SQL	04
CS	111	Introduction to Programming	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
QUARTER HOURS REQUIRED FOR GRADUATION			**101**

BACHELOR DEGREE PROGRAMS

ACCOUNTING

Bachelor of Business Administration

This program emphasizes practical application as well as the theoretical aspects of the discipline of accounting to prepare students for professional careers in public, managerial, and governmental accounting and/or advanced study within the discipline. Students will gain an understanding of the social, ethical, economic, legal, and regulatory environment in which businesses operate and develop the problem-solving, decision-making, communication, and leadership skills necessary to compete in a dynamic global marketplace. Students completing this degree are eligible to sit for the Uniform Certified Public Accountant Examination in Michigan (see note below).

Beginning July 1, 2003, students pursuing a CPA licensure in the state of Michigan will be required to have obtained 225 quarter hours of credit prior to applying for a CPA license. While the BBA Accounting Program satisfies the requirements to sit for the Uniform Certified Public Accountant Examination, additional credit is needed for licensure. Individuals are therefore advised to contact the Michigan State Board of Accountancy Licensing Bureau for further information. Students wishing to become eligible to sit for the examination in other states are recommended to check with the National Association of State Boards of Accountancy (www.nasba.org), which services as a forum for the 54 U.S. boards of accountancy, for the state in which they intend to practice.

IACBE Accredited

Course Number		Course Title	Quarter Hours
ACCOUNTING MAJOR - 63 HOURS			
ACC	241	Accounting Concepts	04
ACC	301	Intermediate Accounting I	04
ACC	302	Intermediate Accounting II	04
ACC	303	Intermediate Accounting III	04
ACC	312B	Business Entities Taxation	04
ACC	331A	Cost Accounting	04
ACC	341B	Individual Taxation	04
ACC	416	Auditing, Systems, and Controls I	04
ACC	417	Auditing, Systems, and Controls II	04
ACC	431B	Governmental and Non-Profit Accounting	04
ACC	441	Advanced Accounting	04
ELECT	100A	Elective	04
INF	113	Electronic Spreadsheets	02
LAW	312	Advanced Business Law	04
MGT	431	Strategic Management	04
WRK	291B	Professional Career Strategies	01
WRK	495	Accounting Work Experience	04
BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	141A	Microsoft PowerPoint	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

BUSINESS ADMINISTRATION ACCELERATED PROGRAM

Bachelor of Business Administration - Accelerated

Turn previous college credits and work experience into a bachelor degree—in just one to two years. Whether you've earned an associate degree or an assortment of college credits, Baker College can consolidate your transcripts—and turn work experience into credits—toward a Bachelor Degree in Business Administration.

This program is designed for the transfer student, military servicemember, or working professional and combines core coursework with experiential credit to provide a contemporary business degree for today's business environment. Elective credit requirement may be satisfied through portfolio, transfer credit, or additional coursework.

This program is designed to help you earn a bachelor degree as quickly and conveniently as possible. Transfer in up to 132 hours of credit in any combination of General Education, Electives, and Core Competencies. Classes are available at all twelve of our Michigan locations and can be completed on-campus, online, or a combination of both.

Course Number		Course Title	Quarter Hours
APPROVED CREDIT - 132 HOURS			
Elective		Transfer/Work/Military Credits	60
GenEd		Transfer/Work/Military Credits	72
REQUIRED CORE COMPETENCIES - 24 HOURS			
ACC	100	Elective	04
ECN	100	Elective	04
FIN	100	Elective	04
LAW	100	Elective	04
MGT	100	Elective	04
MKT	100	Elective	04
MAJOR CORE - 24 HOURS			
BUS	401	International Business	06
BUS	421	Marketing & Management	06
BUS	431	Strategic MGT	06
HRM	401R	Human Resources and Employment Law	06
TOTAL CREDITS			**180**

COMPUTER SCIENCE

Bachelor of Science

This program prepares students for a career in computer software development. Students will acquire skills in software development, Internet communications, and database administration, as well as foundational knowledge in the field of computer science.

Course Number		Course Title	Quarter Hours
COMPUTER SCIENCE MAJOR - 131 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	303A	Computer Architecture	04
CIS	310	Visual BASIC	04
CIS	311	Advanced Visual BASIC	04
CIS	331	Database Management Using SQL	04
CIS	403	Systems Development Project	04
CIS	404	Advanced Computer Architecture	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	201	Net-centric Computing	04
CS	217A	C++ Programming	04
CS	218A	Object Oriented Programming With C++	04
CS	231	Microprocessor Electronics	04
CS	321	Data Structures and Algorithms I	04
CS	322	Data Structures and Algorithms II	04
CS	341	Programming for Mobile Devices	04
CS	422A	Database Programming I	04
CS	451	Unit Testing and Interfaces	04
CS	481	Trends in Computer Science	04
EGR	111	Technical Communications for Engineering Sciences	04
ELECT	105A	Computer Information Systems Elective	04
ELECT	105B	Computer Information Systems Elective	04
ELECT	105C	Computer Information Systems Elective	04
GSD	311	C# Programming	04
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
MTH	401	Statistical Methods	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

CRIMINAL JUSTICE

Bachelor of Science

This program prepares graduates with the skills, tools, and methods needed to work in the criminal justice profession. The program explores the philosophical underpinnings of crime and justice. Graduates will understand the interrelatedness of police, corrections, and the courts. Concepts of justice, duty, and societal issues will be examined along with various ethical issues related to criminal justice topics. Graduates will model ethical behavior and a commitment to service with the skills necessary to respond to complex and dynamic situations appropriately. Interpersonal communication and writing skills germane to the criminal justice profession are practiced throughout the program.

Course Number	Course Title	Quarter Hours
CRIMINAL JUSTICE MAJOR - 118 HOURS		
CRJ 101	Introduction to Criminal Justice	04
CRJ 106	Introduction to Corrections	04
CRJ 111	9-1-1 Telecommunications I	04
CRJ 112	9-1-1 Telecommunications II	04
CRJ 121	Correctional Facilities	04
CRJ 131	Client Relations	04
CRJ 141	Criminology	04
CRJ 151	Legal Issues in Corrections	04
CRJ 211	Interpersonal Communication and Conflict Management	04
CRJ 221	Interviewing, Investigations, and Report Writing	04
CRJ 231	Principles of Policing I	04
CRJ 232	Principles of Policing II	04
CRJ 261A	Security Management	04
CRJ 281A	Criminal Justice Work Experience I	04
CRJ 301	Juvenile Justice Concepts	04
CRJ 311	Ethical Issues in Criminal Justice	04
CRJ 321	Criminal Law	04
CRJ 331	Cybercrime Investigations	04
CRJ 341	Introduction to Forensic Science	04
CRJ 351	Evidence Collection and Procedures	04
CRJ 361	Organized Crime and Youth Gangs	04
CRJ 371	Criminal Courts	04
CRJ 421	Evidence-Based Practices	04
CRJ 431	Terrorism and Homeland Security	04
CRJ 441	Organizational Leadership in Criminal Justice	04
CRJ 481A	Criminal Justice Work Experience II	04
HSC 102	BLS Provider Training and First Aid	01
HUS 201	Substance Abuse	04
PSY 311	Abnormal Psychology	04
WRK 291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:		
CRJ 171	Defensive Tactics	04
CRJ 181	Community Corrections	04
GENERAL EDUCATION REQUIREMENTS - 68 HOURS		
ELECT 111A	Scientific Inquiry Elective	04
ELECT 131A	Global and Cultural Perspectives Elective	04
ELECT 131B	Global and Cultural Perspectives Elective	04
ELECT 161A	Computer Literacy Elective	02
ELECT 161B	Computer Literacy Elective	02
ELECT 161C	Computer Literacy Elective	02
ENG 101	Composition I	04
ENG 102	Composition II	04
INF 161	Technology and Society	02
MTH 108	College Mathematics I: Reasoning and Application	04
MTH 109	College Mathematics II	04
SOC 201	Sociology	04
SOC 301	Social Problems	04
SOC 321	Cultural Diversity	04
SPK 201	Oral Communication	04
WRI 115	Workplace Communication	04
WRI 301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:		
PSY 101	Human Relations	04
PSY 111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:		
SPK 211	Group Dynamics	04
SPK 401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION		**186**

DATABASE TECHNOLOGY

Bachelor of Science

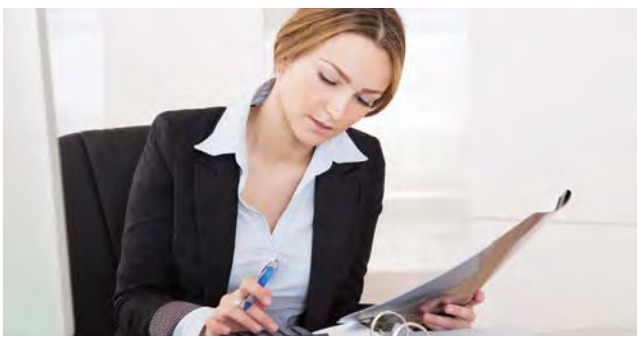
This program prepares students for a career in database administration and programming. Students study database applications with a focus on database programming and administration concepts and tasks, using Oracle. In addition, students will acquire skills in software development, and Internet communications, as well as foundational knowledge in the field of computer science.

Course Number	Course Title	Quarter Hours
DATABASE TECHNOLOGY MAJOR - 123 HOURS		
CIS 114	Database Fundamentals	02
CIS 119A	iSeries CL and File Design	04
CIS 251	Systems Development Methods	04
CIS 303A	Computer Architecture	04
CIS 310	Visual BASIC	04
CIS 311	Advanced Visual BASIC	04
CIS 331	Database Management Using SQL	04
CIS 351	System Modeling and Design	04
CIS 403	Systems Development Project	04
CIS 404	Advanced Computer Architecture	04
CIS 421B	Database Administration I	04
CIS 422	Database Administration II	04
CS 101	Principles of Computer Science	04
CS 111	Introduction to Programming	04
CS 217A	C++ Programming	04
CS 218A	Object Oriented Programming With C++	04
CS 231	Microprocessor Electronics	04
CS 321	Data Structures and Algorithms I	04
CS 322	Data Structures and Algorithms II	04
CS 422A	Database Programming I	04
CS 423	Database Programming II	04
CS 465	Advanced Database Topics	04
ELECT 105A	Computer Information Systems Elective	04
ELECT 105B	Computer Information Systems Elective	04
MTH 101	Mathematics for Business	04
MTH 124	Trigonometry	04
MTH 340	Discrete Mathematics	04
MTH 401	Statistical Methods	04
WRK 291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:		
CIS 132A	RPG IV	04
CS 241	Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:		
CIS 233A	Advanced RPG IV	04
CS 242	Advanced Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:		
WRK 218	Work Experience Project	04
WRKTC 201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 66 HOURS		
ELECT 111A	Scientific Inquiry Elective	04
ELECT 121A	Communication Elective	04
ELECT 121B	Communication Elective	04
ELECT 131A	Global and Cultural Perspectives Elective	04
ELECT 131B	Global and Cultural Perspectives Elective	04
ELECT 141A	Personal and Social Environments Elective	04
ELECT 141B	Personal and Social Environments Elective	04
ELECT 161A	Computer Literacy Elective	02
ENG 101	Composition I	04
ENG 102	Composition II	04
HUM 401A	Philosophy of Ethics	04
MTH 111	Introductory Algebra	04
MTH 112A	College Algebra	04
SOC 321	Cultural Diversity	04
SPK 201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:		
PSY 101	Human Relations	04
PSY 111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:		
SPK 211	Group Dynamics	04
SPK 401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION		**189**

FINANCE

Bachelor of Business Administration

This program emphasizes finance as the study of resource allocation, which includes financial markets, instruments, individuals, and institutions that manage money and assets. Students will gain an understanding of financial theory and practice from various perspectives including banking, financial services, financial planning, and corporate finance. Students will gain an understanding of the social, ethical, economic, legal, and regulatory environment in which businesses operate and develop the problem-solving, decision-making, communication, and leadership skills necessary to compete in a dynamic global marketplace. Graduates from this program can enter the fields of corporate finance, investment banking, financial markets and services, and insurance.



Course Number		Course Title	Quarter Hours
FINANCE MAJOR - 69 HOURS			
ACC	231	Computerized Accounting	04
ACC	241	Accounting Concepts	04
ACC	341B	Individual Taxation	04
CIS	313A	Intermediate Spreadsheets	04
FIN	315	Risk Management	04
FIN	325	Banking and Financial Institutions	04
FIN	341	Credit Analysis and Commercial Lending	04
FIN	355	Financial Markets	04
FIN	401	Personal Financial Planning	04
FIN	451A	International Financial Management	04
FIN	461	Investment Management	04
FIN	471	Financial Statement Analysis	04
FIN	491	Finance Seminar	04
INF	113	Electronic Spreadsheets	02
INF	141A	Microsoft PowerPoint	02
MGT	114	Customer Service	04
MKT	201	Sales	04
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 40 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	131	Internet and the World Wide Web	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

GAME SOFTWARE DEVELOPMENT

Bachelor of Science

This program is designed to immerse students in the core knowledge of software engineering emphasizing animation and gaming development. This program will focus on leading programming technologies and will prepare students for entry-level positions in the gaming industry. A comprehensive approach will carry students from modeling through animation and game programming, to the senior design project.

Course Number		Course Title	Quarter Hours
GAME SOFTWARE DEVELOPMENT MAJOR - 111 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	310	Visual BASIC	04
CIS	311	Advanced Visual BASIC	04
CIS	331	Database Management Using SQL	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	217A	C++ Programming	04
CS	218A	Object Oriented Programming With C++	04
CS	321	Data Structures and Algorithms I	04
CS	322	Data Structures and Algorithms II	04
GSD	301	Game Scripting	04
GSD	311	C# Programming	04
GSD	321	Game Console Design	04
GSD	331	Application Security Practices	04
GSD	341	Flash Game Development	04
GSD	401	3-D Character Design	04
GSD	411	3-D Character Animation	04
GSD	421	Artificial Intelligence	04
GSD	431	Game Programming I	04
GSD	432	Game Programming II	04
GSD	499	Senior Design Project in Game Software Development	04
MTH	124	Trigonometry	04
MTH	340	Discrete Mathematics	04

PPM	301	Project Management	04
WEB	111B	Introduction to HTML	04
WEB	201	Web Multi-Media	04
WRK	291B	Professional Career Strategies	01
WRK	301	Internship	04
GENERAL EDUCATION REQUIREMENTS - 70 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ELECT	161A	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	121	Introduction to Windows	02
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

GENERAL STUDIES

Bachelor of General Studies

The General Studies program is an online program designed for the working professional who has significant work experience, previous college credit, and desires to earn a bachelor degree. An Academic Advisor and student work together to combine various disciplines resulting in an individualized plan of study based on past education, career goals, intellectual interests, or preparation for graduate education.

ELECTIVE CREDIT			**60**
Concentration I			24
Concentration II			24
Course Number		**Course Title**	**Quarter Hours**
GENERAL EDUCATION REQUIREMENTS - 74 HOURS			
COL	491	General Studies Capstone Portfolio	02
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	161	Technology and Society	02
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	111	Introductory Algebra	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MTH	109	College Mathematics II	04
MTH	112A	College Algebra	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**182**

Of the 108 hours required in the elective credit and concentration areas, a minimum of 32 hours of 300 and 400 level courses are required.

HEALTH SERVICES ADMINISTRATION

Bachelor of Science

This program will prepare individuals to develop administrative skills necessary to work effectively in a variety of healthcare settings. The combination of general education and health services courses are designed to cultivate critical thinking skills necessary for managing. This program prepares students to plan, direct, coordinate, budget, and assess activities in a variety of healthcare settings.

Approved Credit (64 Gen Ed & 52 Elective Credits)			**116**
Course Number		**Course Title**	**Quarter Hours**
REQUIRED CORE COMPETENCIES – 32 HOURS			
ACC	100	Accounting Elective	04
BUS	211	Business Analytics	04
ECN	100	Economics Elective	04
FIN	100	Finance Elective	04
HSC	104	Introduction to Disease	04
MKT	100	Marketing Elective	04
SCI	100F	Structure and Function of the Human Body	04
SELECT 1 COURSE FROM THE FOLLOWING:			
HRM	100	Human Resource Elective	04
MGT	100	Management Elective	04
HEALTH SERVICES ADMINISTRATION MAJOR – 32 HOURS			
HSC	111	Introduction to Healthcare	04
HSC	312	Health Law and Regulations	04
HSC	315	Planning and Evaluation of Health Services	04
HSC	401	Healthcare Administration	04
HSC	402A	Ethics for Health Professionals	04
HSC	403	Health System Finance	04
HSC	411	Seminar in Health Issues	04
HSC	441	Health Services Administration Externship	04
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

HUMAN RESOURCE MANAGEMENT

Bachelor of Business Administration

This program offers an opportunity for students to acquire a career-focused Human Resource Management undergraduate degree with an integrative approach to understanding various human resource management functions. This program provides an intensive strategic understanding of workforce planning and development, compensation and benefits; global human resource management; and employee health and safety. Students interested in completing the 5 Year MBA Program must apply to the Center of Graduate Studies for acceptance into the program. Students considering this program should contact their academic advisor to review program requirements and acceptance criteria. A minimum 3.5 GPA is required.

Course Number		Course Title	Quarter Hours
HUMAN RESOURCE MAJOR - 41 HOURS			
HRM	215A	Staffing Human Resources	04
HRM	225A	Training and Developing Human Resources	04
HRM	291	Human Resource Seminar	04
HRM	300	Compensating Human Resources	04
HRM	315A	Performance Management of Human Resources	04
HRM	401	Human Resources and Employment Law	04
HRM	435B	International Human Resource Management	04
HRM	491	Strategic Human Resource Management	04
MGT	212A	Staffing and Performance Management	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04

SELECT 1 OF THE FOLLOWING MINORS:

ACCOUNTING MINOR - 24 HOURS

ACC	241	Accounting Concepts	04
ACC	301	Intermediate Accounting I	04
SELECT 4 COURSES FROM THE FOLLOWING:			
ACC	231	Computerized Accounting	04
ACC	251	Payroll Accounting	04
ACC	302	Intermediate Accounting II	04
ACC	303	Intermediate Accounting III	04
ACC	312B	Business Entities Taxation	04
ACC	331A	Cost Accounting	04
ACC	341B	Individual Taxation	04
ACC	416	Auditing, Systems, and Controls I	04
ACC	417	Auditing, Systems, and Controls II	04
ACC	431B	Governmental and Non-Profit Accounting	04
ACC	441	Advanced Accounting	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

COMPUTER INFORMATION SYSTEMS MINOR- 24 HOURS

CIS	251	Systems Development Methods	04
CIS	302A	Intermediate Database Management	04
CIS	310	Visual BASIC	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	201	Net-centric Computing	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

ENTREPRENEURSHIP MINOR- 24 HOURS

EN	201	Introduction to Entrepreneurship	04
EN	211	Human Resources for Entrepreneurs	04
EN	221	Finance for Entrepreneurs	04
EN	231	Marketing for Entrepreneurs	04
EN	241	Managing Entrepreneurial Operations	04
EN	291	Developing the Business Plan	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

FINANCE MINOR - 24 HOURS

ACC	241	Accounting Concepts	04
SELECT 5 COURSES FROM THE FOLLOWING:			
FIN	315	Risk Management	04
FIN	325	Banking and Financial Institutions	04
FIN	341	Credit Analysis and Commercial Lending	04
FIN	355	Financial Markets	04
FIN	401	Personal Financial Planning	04
FIN	451A	International Financial Management	04
FIN	461	Investment Management	04
FIN	471	Financial Statement Analysis	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

FLEX-STUDIES MINOR - 24 HOURS

FLEX	1	Flex Studies	04
FLEX	2	Flex Studies	04
FLEX	3	Flex Studies	04
FLEX	4	Flex Studies	04
FLEX	5	Flex Studies	04
FLEX	6	Flex Studies	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

5 YEAR MBA PROGRAM - 20 HOURS

BUS	572	Human Resource Management	04
BUS	615	Human Behavior Management of Organizations	04
BUS	660	The Marketing Environment	04
BUS	678	Research and Statistics for Managers	04
FLEX	1	Flex Studies	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

MANAGEMENT MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

MGT	111	Professional Management Behavior	04
MGT	121	Fundamentals of Business Analytics	04
MGT	141	Principles of Management	04
MGT	211	Management and Supervision	04
MGT	212A	Staffing and Performance Management	04
MGT	221	Applied Business Analytics	04
MGT	222	Management Seminar	04
MGT	250	Conflict Management	04
MGT	331	Applied Leadership	04
MGT	341	Globalization and Diversity	04
MGT	350	Services Management	04
MGT	405	Contemporary Management Strategies	04
MGT	422	Operations Management	04
MGT	431	Strategic Management	04
MGT	442	Global Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

MARKETING MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

MKT	131	Personal Selling	04
MKT	201	Sales	04
MKT	202	Advertising	04
MKT	215	Applied Marketing	04
MKT	241	Advertising/Digital Marketing I	04
MKT	251	Marketing Analytics I	04
MKT	261	Marketing Planning	04
MKT	291	Marketing Seminar	04
MKT	312	Consumer Behavior	04
MKT	342	Digital Marketing II	04
MKT	352	Marketing Analytics II	04
MKT	401	Marketing Research	04
MKT	402	Advertising Management	04
MKT	421	Marketing Management	04
MKT	436	Marketing Strategy and Design	04
SAL	201	Professional Sales I	04
SAL	202	Professional Sales II	04
SAL	231	Sales Technology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

MEDICAL OFFICE MINOR- 24 HOURS

HSC	102	BLS Provider Training and First Aid	01
HSC	104	Introduction to Disease	04
HSC	111	Introduction to Healthcare	04
HSC	161	Legal Concepts to Medical Practice	02
MED	103	Medical Terminology	04
MED	106	Asepsis	01
MIS	121A	Introduction to Medical Reimbursement	04
SCI	100F	Structure and Function of the Human Body	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

NON-PROFIT MANAGEMENT - 24 HOURS

ELECT	100B	Elective	04
NPMG	301	Grant Writing	04
NPMG	311	Fundamentals of Non-Profit Management	04
NPMG	312	Fundamentals of Non-Profit Management II	04
NPMG	321	Marketing and Communication for Non-Profit Organizations	04
NPMG	331	Fund Development	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

PROJECT MANAGEMENT MINOR - 24 HOURS

PPM	301	Project Management	04
PPM	311	Project Planning	04
PPM	321	Negotiation Strategies	04
PPM	401	Project Cost and Budget Management	04
PPM	411	Leading Project Teams	04
PPM	421	Contracting and Procurement for Project Managers	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

PSYCHOLOGY MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

PSY	201A	Cognitive-Behavior Therapy	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	281	Stress Management	04
PSY	311	Abnormal Psychology	04
PSY	331	Human Development I	04
PSY	335	Human Sexuality	04
PSY	350	Child Psychology	04
PSY	401	Social Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

SUPPLY CHAIN MANAGEMENT MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

SCM	231	Transportation Management	04
SCM	242	Supply Chain Management	04
SCM	251	Logistics Management	04
SCM	271	Intermodal Transportation	04
SCM	301	Procurement and Supply Chain Management	04
SCM	321	Manufacturing, Planning, and Control	04
SCM	401	Decision Modeling in Supply Chains	04
SCM	421	Advanced Topics in Supply Chain Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

INFORMATION SYSTEMS

Bachelor of Science

Information Systems (IS) professionals serve as strategic liaisons between administrative and technological functions within an organization. IS professionals integrate business processes and complex information technology while serving as consultants, designers, or implementers of new solutions that assist an organization in achieving goals. Related occupations include Information Systems Manager, Chief Information Officer, Project Manager, Computer Systems Analyst, and Systems Administrator.

Course Number		Course Title	Quarter Hours
INFORMATION SYSTEMS MAJOR - 87 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	114	Database Fundamentals	02
CIS	331	Database Management Using SQL	04
CIS	351	System Modeling and Design	04
CIS	421B	Database Administration I	04
CIS	431	Enterprise Architecture	04
CIS	441	IS Strategy, Management and Acquisition	04
CIS	495	Special Topics in Information Systems	04
CIS	499	Senior Project in Information Systems	04
CS	111	Introduction to Programming	04
CS	422A	Database Programming I	04
ITS	211	Introduction to Network Security	04
ITS	321	Legal and Ethical Issues in Information Technology	04
MTH	401	Statistical Methods	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04
PPM	301	Project Management	04
PPM	311	Project Planning	04
PPM	401	Project Cost and Budget Management	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CS	217A	C++ Programming	04
CS	241	Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CS	218A	Object Oriented Programming With C++	04
CS	242	Advanced Java Programming	04
BUSINESS REQUIREMENTS - 20 HOURS			
ACC	121	Fundamentals of Accounting I	04
BUS	211	Business Analytics	04
MGT	101	Introduction to Business	04
MGT	141	Principles of Management	04
MGT	321	Management Information Systems	04
GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
MTH	111	Introductory Algebra	04
MTH	112	Intermediate Algebra	04
PSY	231	Organizational Psychology	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04

SELECT 1 OF THE FOLLOWING MINORS:

ACCOUNTING MINOR - 24 HOURS

ACC	122	Fundamentals of Accounting II	04
ACC	241	Accounting Concepts	04
ACC	301	Intermediate Accounting I	04
SELECT 3 COURSES FROM THE FOLLOWING:			
ACC	231	Computerized Accounting	04
ACC	251	Payroll Accounting	04
ACC	302	Intermediate Accounting II	04
ACC	303	Intermediate Accounting III	04
ACC	312B	Business Entities Taxation	04
ACC	331A	Cost Accounting	04
ACC	341B	Individual Taxation	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

HEALTHCARE INFORMATICS MINOR - 24 HOURS

CIS	371	Introduction to Healthcare Informatics	04
CIS	451	Advanced Healthcare Informatics	04
HSC	111	Introduction to Healthcare	04
HSC	312	Health Law and Regulations	04
MED	103	Medical Terminology	04
MED	171	Electronic Medical Records	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

INFORMATION ASSURANCE MINOR - 28 HOURS

ITS	305	Security Policies and Auditing	04
ITS	315	Information Systems Threat Assessment	04
ITS	325	Securing Systems	04
ITS	405	Internet and Web Security	04
ITS	415	Firewall Concepts	04
ITS	425	Computer Forensics and Investigation	04
ITS	435	Disaster Recovery	04
QUARTER HOURS REQUIRED FOR GRADUATION			**199**

MANAGEMENT MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:			
MGT	212	Human Resource Management	04
MGT	221	Applied Business Analytics	04
MGT	222	Management Seminar	04
MGT	250	Conflict Management	04
MGT	311	Organizational Change	04
MGT	331	Applied Leadership	04
MGT	341	Globalization and Diversity	04
MGT	350	Services Management	04
MGT	405	Contemporary Management Strategies	04
MGT	422	Operations Management	04
MGT	442	Global Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

5 YEAR MSIS PROGRAM - 16 HOURS

BUS	615	Human Behavior Management of Organizations	04
BUS	678	Research and Statistics for Managers	04
MIS	511	Management Information Systems	04
MIS	521	Information Systems Project Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**187**

WEB DEVELOPMENT MINOR - 24 HOURS

WEB	111B	Introduction to HTML	04
WEB	131	Web Development I	04
WEB	211	Web Scripting	04
WEB	221	Interactive Web Design	04
SELECT 2 COURSES FROM THE FOLLOWING:			
WEB	121A	World Wide Web Design	04
WEB	132	Web Development II	04
WEB	201	Web Multi-Media	04
WEB	222	Internet Commerce	04
WEB	231	Server-side Programming	04
WEB	241	ActionScript Programming	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

INFORMATION TECHNOLOGY AND SECURITY

Bachelor of Science

This program prepares graduates for career opportunities in Information Technology and Security Technology as network administrators, system analysts, or management of an information technology team. Employees with information technology and security knowledge are considered an integral part of many business' information technology teams. Information technology workers work in healthcare, business, information systems, technical, and engineering fields. They possess the skills to manage information technology teams as well as handle the technical aspects of the network infrastructure.

Course Number		Course Title	Quarter Hours
INFORMATION TECHNOLOGY REQUIREMENTS - 71 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	114	Database Fundamentals	02
ITS	211	Introduction to Network Security	04
ITS	321	Legal and Ethical Issues in Information Technology	04
ITS	331	Designing for Security	04
ITS	341	Scripting for Network Administrators	04
ITS	421	Tactical Perimeter Defense	04
ITS	491	Information Security Research and Design Project	04
LUX	205	Introduction to Linux/Unix	04
MTH	401	Statistical Methods	04
MNP	201	Microsoft Windows Server Administration I	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04
PPM	301	Project Management	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	121B	Introduction to Networks	04
NET	222	Introduction to Routers and Routing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CSC	222	Cisco Wireless Networking	04
NET	211	Wireless Networking	04
SELECT 1 COURSE FROM THE FOLLOWING:			
MNP	171A	Windows 7 Configuration	04
MNP	181	Windows 8 Configuration	04
GENERAL EDUCATION REQUIREMENTS - 60 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
INFORMATION ASSURANCE MAJOR - 52 HOURS			
ELECT	107A	Information Technology Elective	04
ELECT	107B	Information Technology Elective	04
ELECT	107C	Information Technology Elective	04
ELECT	107D	Information Technology Elective	04
ELECT	107E	Information Technology Elective	04
ELECT	107F	Information Technology Elective	04
ITS	305	Security Policies and Auditing	04
ITS	315	Information Systems Threat Assessment	04
ITS	325	Securing Systems	04
ITS	405	Internet and Web Security	04
ITS	415	Firewall Concepts	04
ITS	425	Computer Forensics and Investigation	04
ITS	435	Disaster Recovery	04
QUARTER HOURS REQUIRED FOR GRADUATION			**183**

MANAGEMENT

Bachelor of Business Administration

The major objectives of the management program are to train broadly competent administrators for service in a wide variety of organizations—public or private, product- or service-oriented, for-profit or not-for-profit. To accomplish this basic objective, this program offers students the opportunity to acquire knowledge about the management of human and physical resources and to acquire skills useful in the management of any organization. This program emphasizes the importance of effective oral and written communication, teamwork, decision making, entrepreneurial management, and diversity in the business environment. In addition, this program introduces students to the application and strategic use of the acquired knowledge and skills in areas such as personnel management, organizational behavior, production management, international business, and small business. Students interested in completing the 5 Year MBA Program must apply to the Center of Graduate Studies for acceptance into the program. Students considering this program should contact their academic advisor to review program requirements and acceptance criteria. A minimum 3.5 GPA is required.

Course Number		Course Title	Quarter Hours
MANAGEMENT MAJOR - 45 HOURS			
BUS	211	Business Analytics	04
MGT	111	Professional Management Behavior	04
MGT	141	Principles of Management	04
MGT	212A	Staffing and Performance Management	04
MGT	221	Applied Business Analytics	04
MGT	222	Management Seminar	04
MGT	331	Applied Leadership	04
MGT	341	Globalization and Diversity	04
MGT	422	Operations Management	04
MGT	431	Strategic Management	04
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04

SELECT 1 OF THE FOLLOWING MINORS:

ACCOUNTING MINOR - 24 HOURS

ACC	241	Accounting Concepts	04
ACC	301	Intermediate Accounting I	04
SELECT 4 COURSES FROM THE FOLLOWING:			
ACC	231	Computerized Accounting	04
ACC	251	Payroll Accounting	04
ACC	302	Intermediate Accounting II	04
ACC	303	Intermediate Accounting III	04
ACC	312B	Business Entities Taxation	04
ACC	331A	Cost Accounting	04
ACC	341B	Individual Taxation	04
ACC	416	Auditing, Systems, and Controls I	04
ACC	417	Auditing, Systems, and Controls II	04
ACC	431B	Governmental and Non-Profit Accounting	04
ACC	441	Advanced Accounting	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

COMPUTER INFORMATION SYSTEMS MINOR - 24 HOURS

CIS	251	Systems Development Methods	04
CIS	302A	Intermediate Database Management	04
CIS	310	Visual BASIC	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	201	Net-centric Computing	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

ENTREPRENEURSHIP MINOR - 24 HOURS

EN	201	Introduction to Entrepreneurship	04
EN	211	Human Resources for Entrepreneurs	04
EN	221	Finance for Entrepreneurs	04
EN	231	Marketing for Entrepreneurs	04
EN	241	Managing Entrepreneurial Operations	04
EN	291	Developing the Business Plan	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

FINANCE MINOR - 24 HOURS

ACC	241	Accounting Concepts	04
SELECT 5 COURSES FROM THE FOLLOWING:			
FIN	315	Risk Management	04
FIN	325	Banking and Financial Institutions	04
FIN	341	Credit Analysis and Commercial Lending	04
FIN	355	Financial Markets	04
FIN	401	Personal Financial Planning	04
FIN	451A	International Financial Management	04
FIN	461	Investment Management	04
FIN	471	Financial Statement Analysis	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

FLEX-STUDIES MINOR - 24 HOURS

FLEX	1	Flex Studies	04
FLEX	2	Flex Studies	04
FLEX	3	Flex Studies	04
FLEX	4	Flex Studies	04
FLEX	5	Flex Studies	04
FLEX	6	Flex Studies	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

HUMAN RESOURCE MANAGEMENT MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:			
HRM	215	Securing Human Resources	04
HRM	225	Developing Human Resources	04
HRM	291	Human Resource Seminar	04
HRM	300	Compensating Human Resources	04
HRM	315	Evaluating Human Resources	04
HRM	401	Human Resources and Employment Law	04
HRM	435B	International Human Resource Management	04
HRM	491	Strategic Human Resource Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

5 YEAR MBA PROGRAM - 20 HOURS

BUS	572	Human Resource Management	04
BUS	615	Human Behavior Management of Organizations	04
BUS	660	The Marketing Environment	04
BUS	678	Research and Statistics for Managers	04
FLEX	1	Flex Studies	04
QUARTER HOURS REQUIRED FOR GRADUATION			**185**

MARKETING MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:			
MKT	131	Personal Selling	04
MKT	201	Sales	04
MKT	202	Advertising	04
MKT	215	Applied Marketing	04
MKT	241	Advertising/Digital Marketing I	04
MKT	251	Marketing Analytics I	04
MKT	261	Marketing Planning	04
MKT	291	Marketing Seminar	04
MKT	312	Consumer Behavior	04
MKT	342	Digital Marketing II	04
MKT	352	Marketing Analytics II	04
MKT	401	Marketing Research	04
MKT	402	Advertising Management	04

MKT	421	Marketing Management	04
MKT	436	Marketing Strategy and Design	04
SAL	201	Professional Sales I	04
SAL	202	Professional Sales II	04
SAL	231	Sales Technology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

MEDICAL OFFICE MINOR- 24 HOURS

HSC	102	BLS Provider Training and First Aid	01
HSC	104	Introduction to Disease	04
HSC	111	Introduction to Healthcare	04
HSC	161	Legal Concepts to Medical Practice	02
MED	103	Medical Terminology	04
MED	106	Asepsis	01
MIS	121A	Introduction to Medical Reimbursement	04
SCI	100F	Structure and Function of the Human Body	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

NON-PROFIT MANAGEMENT MINOR - 24 HOURS

ELECT	100A	Elective	04
NPMG	301	Grant Writing	04
NPMG	311	Fundamentals of Non-Profit Management	04
NPMG	312	Fundamentals of Non-Profit Management II	04
NPMG	321	Marketing and Communication for Non-Profit Organizations	04
NPMG	331	Fund Development	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

PROJECT MANAGEMENT MINOR - 24 HOURS

PPM	301	Project Management	04
PPM	311	Project Planning	04
PPM	321	Negotiation Strategies	04
PPM	401	Project Cost and Budget Management	04
PPM	411	Leading Project Teams	04
PPM	421	Contracting and Procurement for Project Managers	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

PSYCHOLOGY MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

PSY	201A	Cognitive-Behavior Therapy	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	281	Stress Management	04
PSY	311	Abnormal Psychology	04
PSY	331	Human Development I	04
PSY	335	Human Sexuality	04
PSY	350	Child Psychology	04
PSY	401	Social Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

SUPPLY CHAIN MANAGEMENT MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

SCM	231	Transportation Management	04
SCM	242	Supply Chain Management	04
SCM	251	Logistics Management	04
SCM	271	Intermodal Transportation	04
SCM	301	Procurement and Supply Chain Management	04
SCM	321	Manufacturing, Planning, and Control	04
SCM	401	Decision Modeling in Supply Chains	04
SCM	421	Advanced Topics in Supply Chain Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**189**

MARKETING

Bachelor of Business Administration

Marketers are involved in the process that moves products from concept to consumers by creating, communicating, delivering, and exchanging offerings that provide value. The study of marketing encompasses a wide range of activities including: advertising, sales, retailing, wholesaling, warehousing, packaging, distribution, research, strategic planning, product development, sales management, and marketing communications. Students in this program will participate in active learning and demonstrate an understanding of basic business and marketing principles utilizing case studies and business simulations. Computer technology will be used to prepare spreadsheets, write reports, analyze business problems, and prepare professional presentations. Individual and team activities in class and in business situations will enhance the students' ability to demonstrate ethical values, look at things from a global perspective and develop human relations skills. This degree offers a solid background in the concepts of marketing and business. A marketing degree can lead to a career in areas such as marketing management, marketing research, personal selling, sales management, retail merchandising and management, and promotional strategy and management.

IACBE Accredited

Course Number		Course Title	Quarter Hours
MARKETING MAJOR - 37 HOURS			
BUS	211	Business Analytics	04
MKT	131	Personal Selling	04
MKT	241	Advertising/Digital Marketing I	04
MKT	261	Marketing Planning	04
MKT	312	Consumer Behavior	04
MKT	342	Digital Marketing II	04
MKT	352	Marketing Analytics II	04
MKT	436	Marketing Strategy and Design	04
WRK	291B	Professional Career Strategies	01
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 48 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	311	Organizational Change	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04

ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 2 COURSES FROM THE FOLLOWING:			
INF	112	Word Processing	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
ELECTIVE CREDIT			**24**
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

MOBILE APPLICATION SOFTWARE ENGINEERING

Bachelor of Science

Computer software engineers design and develop software by applying the theories and principles of computer science and mathematical analysis to create, test, and evaluate the software applications and systems that make computers work. In this program, students will acquire skills in software application development focusing on solutions for mobile devices across multiple platforms including Android, iOS (Apple) and Windows.

Course Number		Course Title	Quarter Hours
MOBILE APPLICATION SOFTWARE ENGINEERING MAJOR - 131 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	331	Database Management Using SQL	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	201	Net-centric Computing	04
CS	217A	C++ Programming	04
CS	218A	Object Oriented Programming With C++	04
CS	231	Microprocessor Electronics	04
CS	241	Java Programming	04
CS	242	Advanced Java Programming	04
CS	321	Data Structures and Algorithms I	04
CS	322	Data Structures and Algorithms II	04
CS	341	Programming for Mobile Devices	04
CS	351	Introduction to Android Mobile SDK and Application Development	04
CS	352	Advanced Android Mobile Application Development	04
CS	371	Introduction to iOS Mobile SDK and Application Development	04
CS	372	Advanced iOS Mobile Application Development	04
CS	401	Introduction to Windows Mobile SDK and Application Development	04
CS	402	Advanced Windows Mobile Application Development	04
CS	422A	Database Programming I	04
CS	451	Unit Testing and Interfaces	04
CS	481	Trends in Computer Science	04
CS	495	Mobile Application Development Capstone	04
EGR	111	Technical Communications for Engineering Sciences	04
GSD	311	C# Programming	04
MTH	124	Trigonometry	04
MTH	141A	Calculus I	04
MTH	142	Calculus II	04
MTH	143	Calculus III	04
MTH	261	Linear Algebra	04
MTH	340	Discrete Mathematics	04
WRK	291B	Professional Career Strategies	01
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**195**

This program is offered at the following Baker College campus: Online

NURSING (POST-LICENSURE)

Bachelor of Science

The goal of the Baker College Baccalaureate Post-licensure Nursing program is to provide an opportunity for licensed registered nurses to continue their professional growth by the acquisition of knowledge and skills needed to function in healthcare settings that are responsive to individual and community needs as professional nurses. These individuals will develop into leaders of research, practice, education, and administration within the healthcare environment.

Program requirements include:

- An unencumbered license as a Registered Nurse (RN) in the United States (US), District of Columbia, or US territories; or an unencumbered license as a RN in Canada. Note: Canadian RNs must complete the clinical components of this program under the supervision of a baccalaureate nurse licensed in Canada. Successful completion of the Baker College baccalaureate nursing program does not qualify the Canadian graduate to take the US NCLEX examination.
- All students are expected to maintain licensure throughout their academic career.
- Applicants must include a photocopy of an active US or Canadian RN license or a printed page from the licensing state's nursing website or Canadian equivalent verifying licensure status and expiration date.
- Students must have a cumulative GPA of a B- (2.7) in order to graduate with a BSN degree from Baker College. A minimum grade of 2.7 (B-) is required for Health Science Courses (SCI, HSC, NUR). A minimum grade of 2.0 (C) is required for general education courses.

The pre-licensure nursing programs within the Baker College System have been approved by the Michigan Board of Nursing.

The Baccalaureate Post-licensure Nursing program at Baker College is accredited by the Commission on Collegiate Nursing Education (CCNE); One Dupont Circle, NW, Suite 530, Washington, DC, (202) 887-6791.

CCNE ACCREDITED

Program Status: Post-Licensure Bachelor of Science Nursing - Open Enrollment

Course Number		Course Title	Quarter Hours
REQUIRED COURSES - 15 HOURS			
HSC	221	Nutrition	04
PSY	111	General Psychology	04
SCI	102C	Human Anatomy and Physiology II	05
SCI	131	Concepts in Microbiology	02
NURSING MAJOR - 44 HOURS			
CIS	371	Introduction to Healthcare Informatics	04
NUR	311	Fundamentals of Professional Nursing Practice	04
NUR	321	Nursing Assessment for the Registered Nurse	04
NUR	331	Health Promotion and Vulnerable Populations	04
NUR	341	Nursing Theory and Research	04
NUR	411	Community Health Nursing	04
NUR	412	Community Health Nursing Practicum	04
NUR	421	Nursing Leadership and Management	04
NUR	422	Nursing Leadership and Management Practicum	04
NUR	482	Nursing Seminar	04
SELECT 1 COURSE FROM THE FOLLOWING:			
NUR	431	Global Health	04
NUR	441	Pathophysiology for the Registered Nurse	04
GENERAL EDUCATION REQUIREMENTS - 48 HOURS			
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
HUM	401A	Philosophy of Ethics	04
MTH	112A	College Algebra	04
MTH	401	Statistical Methods	04
PSY	221	Developmental Psychology	04
SOC	321	Cultural Diversity	04
SPN	101	Spanish I	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
SELECT 1 COURSE FROM THE FOLLOWING:			
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	411	Emerging Nations	04
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SPN	102	Spanish II	04
SELECT 1 COURSE FROM THE FOLLOWING:			
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SOC	341	Global Perspectives	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SCI	215	Integrated Physics	04
SCI	246	Chemistry I	04
SCI	321	Principles of Astronomy	04
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

Access additional program information at www.baker.edu

PROJECT MANAGEMENT AND PLANNING

Bachelor of Science

Information Systems (IS) professionals serve as strategic liaisons between administrative and technological functions within an organization. IS professionals integrate business processes and complex information technology while serving as consultants, designers, or implementers of new solutions that assist an organization in achieving goals. Related occupations include Information Systems Manager, Chief Information Officer, Project Manager, Computer Systems Analyst, and Systems Administrator. This major prepares an individual for immediate application of the knowledge, skills, tools, and techniques that are utilized in the practice of project management. The philosophy as well as the set of methods learned in this program will enable graduates to lead projects, complete them on time and within budget. This program will help prepare students for certification as a project manager.

Course Number		Course Title	Quarter Hours
PROJECT MANAGEMENT AND PLANNING MAJOR - 103 HOURS			
CIS	106B	Computer Operating Systems and Maintenance I	04
CIS	114	Database Fundamentals	02
CIS	331	Database Management Using SQL	04
CIS	351	System Modeling and Design	04
CIS	421B	Database Administration I	04
CIS	431	Enterprise Architecture	04
CIS	441	IS Strategy, Management and Acquisition	04
CIS	495	Special Topics in Information Systems	04
CIS	499	Senior Project in Information Systems	04
CS	111	Introduction to Programming	04
CS	422A	Database Programming I	04
CSS	211	Introduction to Network Security	04
ITS	321	Legal and Ethical Issues in Information Technology	04
MTH	401	Statistical Methods	04
NET	101	Networking Essentials I	04
NET	102	Networking Essentials II	04
PPM	301	Project Management	04
PPM	311	Project Planning	04
PPM	321	Negotiation Strategies	04
PPM	401	Project Cost and Budget Management	04
PPM	411	Leading Project Teams	04
PPM	421	Contracting and Procurement for Project Managers	04
PPM	499	Senior Design Project in Project Management	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
CS	217A	C++ Programming	04
CS	241	Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
CS	218A	Object Oriented Programming With C++	04
CS	242	Advanced Java Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
BUSINESS REQUIREMENTS - 20 HOURS			
ACC	121	Fundamentals of Accounting I	04
BUS	211	Business Analytics	04
MGT	101	Introduction to Business	04
MGT	141	Principles of Management	04
MGT	321	Management Information Systems	04

GENERAL EDUCATION REQUIREMENTS - 64 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
PSY	231	Organizational Psychology	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**187**

PSYCHOLOGY

Bachelor of Science

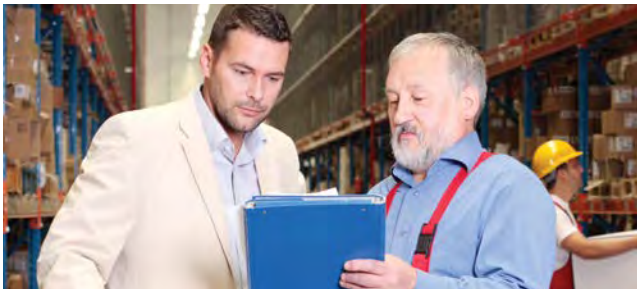
Psychology is the study of mental processes and behavior. As such, a scholarly background in psychology is useful and versatile for students to have both personally and professionally. The Psychology program will help to prepare students for a variety of professions and careers or to enter graduate study in psychology, as well as in other related disciplines and fields. The American Psychological Association's Board of Educational Affairs Task Force established specific guidelines for undergraduate psychology major competencies (APA Guidelines for the Undergraduate Psychology Major: Version 2.0, August 2013). The undergraduate psychology major at Baker College Online adapts from, and conforms to, these guidelines and standards. The program seeks to assist students with the development of foundational skills, information, and knowledge in the discipline of psychology. The student then transfers the information learned into actual knowledge which leads to the transformation of knowledge into understanding and application. The Bachelor of Science in Psychology at Baker College Online is a 100% online program and is not available through a Baker College campus. Students in this program will receive all support services through the Baker Online campus.

Course Number		Course Title	Quarter Hours
PSYCHOLOGY MAJOR - 84 HOURS			
MTH	401	Statistical Methods	04
PSY	121	History of Psychology	04
PSY	251	Cognitive Psychology	04
PSY	311	Abnormal Psychology	04
PSY	336	Psychology of Gender	04
PSY	355	Personality Psychology	04
PSY	366	Research Methods I	04
PSY	367	Research Methods II	04
PSY	381	Cross-Cultural Psychology	04
PSY	391	Bio-Chemical/Neural Psychology	04
PSY	431	Physiological Psychology	04
PSY	441	Sensation and Perception	04
PSY	442	Learning and Memory	04
PSY	445	Motivation and Emotion	04
PSY	451	Psychopharmacology for Psychology Majors	04
PSY	491	Senior Seminar: Psychology	04
SELECT 5 COURSES FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	201A	Cognitive-Behavior Therapy	04
PSY	211	Psychology of Death and Dying	04
PSY	231	Organizational Psychology	04
PSY	241	Theories of Counseling	04
PSY	271	Sports Psychology	04
PSY	321	Psychology of Disability	04
PSY	335	Human Sexuality	04
PSY	350	Child Psychology	04
PSY	351	Adolescent Psychology	04
PSY	402	Gerontology	04
PSY	411	Clinical Methods in Mental Health	04
WRK	301	Internship	04
GENERAL EDUCATION REQUIREMENTS - 72 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	161A	Computer Literacy Elective	02
ELECT	161B	Computer Literacy Elective	02
ELECT	161C	Computer Literacy Elective	02
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
PSY	111	General Psychology	04
PSY	221	Developmental Psychology	04
PSY	401	Social Psychology	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
SELECT 2 COURSE FROM THE FOLLOWING:			
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
LIT	401A	Survey of English Literature	04
LIT	411	Studies in Literature	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
ELECTIVE CREDIT			**24**
QUARTER HOURS REQUIRED FOR GRADUATION			**180**

SUPPLY CHAIN MANAGEMENT

Bachelor of Business Administration

This program provides the skills and knowledge required to be successful throughout a challenging and rewarding career within a supply chain management occupation. Graduates will have opportunities that utilize a multitude of talents and skills, providing an invigorating and exciting career that never grows stagnant. Potential occupations include demand planner, project manager, vendor managed inventory analyst, logistics analyst, warehouse management, production planner, and transportation specialist. According to the Council of Supply Chain Management Professionals, the supply chain management industry is one of the fastest growing industries within the United States and the world with logistics alone accounting for 9.5% of the U.S. Gross Domestic Product. Students finishing this program will have completed a well-rounded curriculum including business and general education cores, as well as the major core that examines all aspects of the industry from raw materials to end users and everything in between. Global perspectives combined with cultural diversity are interwoven within the curriculum creating an awareness of today's business environment that the students will ultimately compete within.



Course Number		Course Title	Quarter Hours
SUPPLY CHAIN MANAGEMENT MAJOR - 45 HOURS			
CIS	313A	Intermediate Spreadsheets	04
ELECT	100A	Elective	04
ELECT	100B	Elective	04
ELECT	100C	Elective	04
ELECT	100D	Elective	04
MGT	311	Organizational Change	04
SCM	301	Procurement and Supply Chain Management	04
SCM	321	Manufacturing, Planning, and Control	04
SCM	401	Decision Modeling in Supply Chains	04
SCM	421	Advanced Topics in Supply Chain Management	04
WRK	291B	Professional Career Strategies	01
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	301	Internship	04
WRKBS	201	Work Experience	04
BUSINESS REQUIREMENTS - 44 HOURS			
ACC	121	Fundamentals of Accounting I	04
ACC	122	Fundamentals of Accounting II	04
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
FIN	101	Personal Finance	04
FIN	301A	Principles of Finance	04
LAW	211	Business Law	04
MGT	101	Introduction to Business	04
MGT	321	Management Information Systems	04
MKT	111B	Principles of Marketing	04
MTH	401	Statistical Methods	04
GENERAL EDUCATION REQUIREMENTS - 68 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	113	Electronic Spreadsheets	02
INF	161	Technology and Society	02
MTH	108	College Mathematics I: Reasoning and Application	04
MTH	109	College Mathematics II	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
WRI	115	Workplace Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04

SELECT 1 OF THE FOLLOWING MINORS:

ACCOUNTING MINOR - 24 HOURS

ACC	241	Accounting Concepts	04
ACC	301	Intermediate Accounting I	04
SELECT 4 COURSES FROM THE FOLLOWING:			
ACC	231	Computerized Accounting	04
ACC	251	Payroll Accounting	04
ACC	302	Intermediate Accounting II	04
ACC	303	Intermediate Accounting III	04
ACC	312B	Business Entities Taxation	04
ACC	331A	Cost Accounting	04
ACC	341B	Individual Taxation	04
ACC	416	Auditing, Systems, and Controls I	04
ACC	417	Auditing, Systems, and Controls II	04
ACC	431B	Governmental and Non-Profit Accounting	04
ACC	441	Advanced Accounting	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

COMPUTER INFORMATION SYSTEMS MINOR - 24 HOURS

CIS	251	Systems Development Methods	04
CIS	302A	Intermediate Database Management	04
CIS	310	Visual BASIC	04
CS	101	Principles of Computer Science	04
CS	111	Introduction to Programming	04
CS	201	Net-centric Computing	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

ENTREPRENEURSHIP MINOR - 24 HOURS

EN	201	Introduction to Entrepreneurship	04
EN	211	Human Resources for Entrepreneurs	04
EN	221	Finance for Entrepreneurs	04
EN	231	Marketing for Entrepreneurs	04
EN	241	Managing Entrepreneurial Operations	04
EN	291	Developing the Business Plan	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

FINANCE MINOR - 24 HOURS

ACC	241	Accounting Concepts	04
SELECT 5 COURSES FROM THE FOLLOWING:			
FIN	315	Risk Management	04
FIN	325	Banking and Financial Institutions	04
FIN	341	Credit Analysis and Commercial Lending	04
FIN	355	Financial Markets	04
FIN	401	Personal Financial Planning	04
FIN	451A	International Financial Management	04
FIN	461	Investment Management	04
FIN	471	Financial Statement Analysis	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

FLEX-STUDIES MINOR - 24 HOURS

FLEX	1	Flex Studies	04
FLEX	2	Flex Studies	04
FLEX	3	Flex Studies	04
FLEX	4	Flex Studies	04
FLEX	5	Flex Studies	04
FLEX	6	Flex Studies	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

HUMAN RESOURCE MANAGEMENT MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

HRM	215	Staffing Human Resources	04
HRM	225	Developing Human Resources	04
HRM	291	Human Resource Seminar	04
HRM	300	Compensating Human Resources	04
HRM	315A	Performance Management of Human Resources	04
HRM	401	Human Resources and Employment Law	04
HRM	435B	International Human Resource Management	04
HRM	491	Strategic Human Resource Management	04
MGT	212	Human Resource Management	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

MARKETING MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

MKT	131	Personal Selling	04
MKT	201	Sales	04
MKT	202	Advertising	04
MKT	215	Applied Marketing	04
MKT	241	Advertising/Digital Marketing I	04
MKT	251	Marketing Analytics I	04
MKT	261	Marketing Planning	04
MKT	291	Marketing Seminar	04
MKT	312	Consumer Behavior	04
MKT	342	Digital Marketing II	04
MKT	352	Marketing Analytics II	04
MKT	401	Marketing Research	04
MKT	402	Advertising Management	04
MKT	421	Marketing Management	04
MKT	436	Marketing Strategy and Design	04
SAL	201	Professional Sales I	04
SAL	202	Professional Sales II	04
SAL	231	Sales Technology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

PROJECT MANAGEMENT MINOR - 24 HOURS

PPM	301	Project Management	04
PPM	311	Project Planning	04
PPM	321	Negotiation Strategies	04
PPM	401	Project Cost and Budget Management	04
PPM	411	Leading Project Teams	04
PPM	421	Contracting and Procurement for Project Managers	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

PSYCHOLOGY MINOR - 24 HOURS

SELECT 6 COURSES FROM THE FOLLOWING:

PSY	201A	Cognitive-Behavior Therapy	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	281	Stress Management	04
PSY	311	Abnormal Psychology	04
PSY	331	Human Development I	04
PSY	335	Human Sexuality	04
PSY	350	Child Psychology	04
PSY	401	Social Psychology	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

WEB DEVELOPMENT MINOR - 24 HOURS

WEB	111B	Introduction to HTML	04
WEB	131	Web Development I	04
WEB	211	Web Scripting	04
WEB	221	Interactive Web Design	04

SELECT 2 COURSES FROM THE FOLLOWING:

WEB	121A	World Wide Web Design	04
WEB	132	Web Development II	04
WEB	201	Web Multi-Media	04
WEB	222	Internet Commerce	04
WEB	231	Server-side Programming	04
WEB	241	ActionScript Programming	04
QUARTER HOURS REQUIRED FOR GRADUATION			**181**

WEB DEVELOPMENT

Bachelor of Science

This program is designed to work in conjunction with the Associate of Applied Science degree in Web Design to provide individuals with additional technical skills in the Web development field. While the associate degree gives students a general base of skills, this degree targets the programming and development skills required to develop interactive, database driven websites.

Course Number		Course Title	Quarter Hours
WEB DEVELOPMENT MAJOR - 127 HOURS			
CIS	114	Database Fundamentals	02
CIS	251	Systems Development Methods	04
CIS	310	Visual BASIC	04
CIS	311	Advanced Visual BASIC	04
CIS	331	Database Management Using SQL	04
CIS	351	System Modeling and Design	04
CIS	421B	Database Administration I	04
CS	111	Introduction to Programming	04
CS	241	Java Programming	04
CS	242	Advanced Java Programming	04
CS	422A	Database Programming I	04
CS	461	Security	04
DMD	131	Introduction to Graphic Imaging	04
ITS	111	Introduction to Information System Security	04
LUX	205	Introduction to Linux/Unix	04
WEB	111B	Introduction to HTML	04
WEB	121A	World Wide Web Design	04
WEB	131	Web Development I	04
WEB	132	Web Development II	04
WEB	201	Web Multi-Media	04
WEB	211	Web Scripting	04
WEB	221	Interactive Web Design	04
WEB	222	Internet Commerce	04
WEB	241	ActionScript Programming	04
WEB	321	Web Application Development Tools	04
WEB	331	Java Enterprise Edition	04
WEB	361	Web Server Administration	04
WEB	411	Web Usability Design	04
WEB	421	Web Portals	04
WEB	431	Enterprise Web Applications	04
WRK	291B	Professional Career Strategies	01

SELECT 1 COURSE FROM THE FOLLOWING:			
WEB	231	Server-side Programming	04
WEB	322	Web Application Development Programming	04
SELECT 1 COURSE FROM THE FOLLOWING:			
WRK	218	Work Experience Project	04
WRKTC	201	Work Experience	04
GENERAL EDUCATION REQUIREMENTS - 66 HOURS			
ELECT	111A	Scientific Inquiry Elective	04
ELECT	121A	Communication Elective	04
ELECT	121B	Communication Elective	04
ELECT	131A	Global and Cultural Perspectives Elective	04
ELECT	131B	Global and Cultural Perspectives Elective	04
ELECT	141A	Personal and Social Environments Elective	04
ELECT	141B	Personal and Social Environments Elective	04
ENG	101	Composition I	04
ENG	102	Composition II	04
HUM	401A	Philosophy of Ethics	04
INF	161	Technology and Society	02
MTH	111	Introductory Algebra	04
MTH	112A	College Algebra	04
SOC	321	Cultural Diversity	04
SPK	201	Oral Communication	04
SELECT 1 COURSE FROM THE FOLLOWING:			
PSY	101	Human Relations	04
PSY	111	General Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:			
SPK	211	Group Dynamics	04
SPK	401A	Professional Speaking	04
QUARTER HOURS REQUIRED FOR GRADUATION			**193**

ELECTIVES

COMPUTER INFORMATION SYSTEMS ELECTIVES

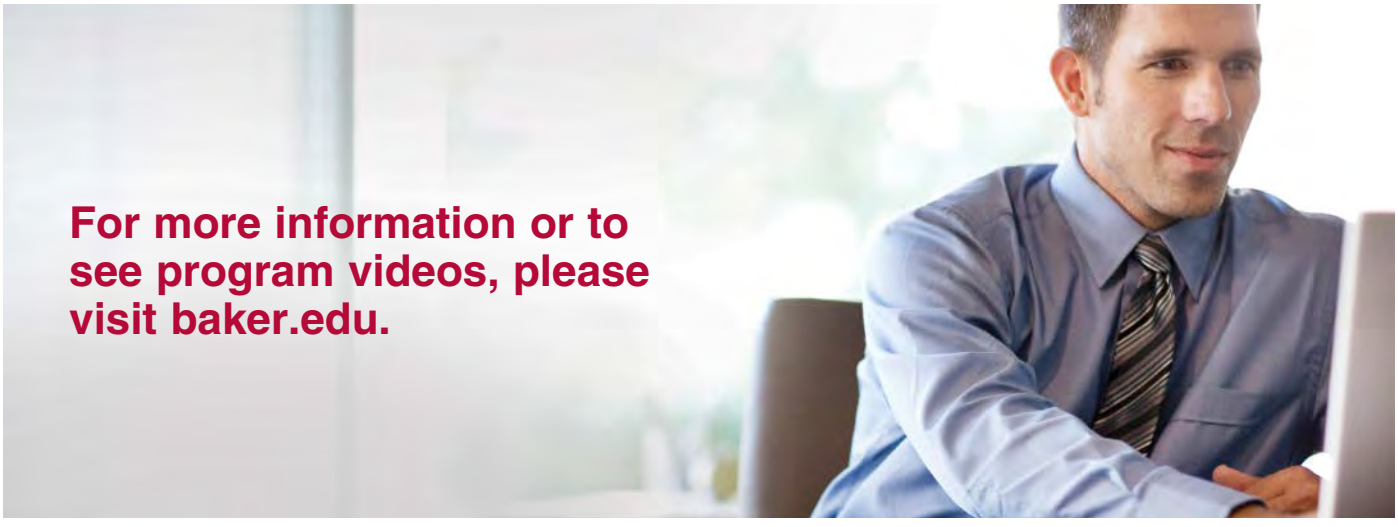
Course Number		Course Title	Quarter Hours
INFORMATION SYSTEMS ELECTIVES			
ELECT	**105A**	**Information Systems Elective**	
ELECT	**105B**	**Information Systems Elective**	
ELECT	**105C**	**Information Systems Elective**	
CIS	119A	iSeries CL and File Design	04
CIS	132A	RPG IV	04
CIS	233A	Advanced RPG IV	04
CIS	311	Advanced Visual BASIC	04
CIS	404	Advanced Computer Architecture	04
CIS	421B	Database Administration I	04
CIS	422	Database Administration II	04
CS	241	Java Programming	04
CS	242	Advanced Java Programming	04
CS	346	Programming for Security	04
CS	391	Research in Computer Science	04
CS	406	Operating System Development	04
CS	422A	Database Programming I	04
CS	423	Database Programming II	04
DMD	131	Introduction to Graphic Imaging	04
SPN	103	Spanish III	04
WEB	111B	Introduction to HTML	04
WEB	121A	World Wide Web Design	04
WEB	131	Web Development I	04
WEB	132	Web Development II	04
WEB	201	Web MultiMedia	04
WEB	211	Web Scripting	04
WEB	221	Interactive Web Design	04
WEB	241	ActionScript Programming	04
INFORMATION TECHNOLOGY ELECTIVES			
ELECT	**107A**	**Information Technology Elective**	
ELECT	**107B**	**Information Technology Elective**	
ELECT	**107C**	**Information Technology Elective**	
ELECT	**107D**	**Information Technology Elective**	
ELECT	**107E**	**Information Technology Elective**	
ELECT	**107F**	**Information Technology Elective**	
CIS	211	Information Technology Customer Service and Support	04
CSC	221B	Routing and Switching Essentials	08
CSC	222	Cisco Wireless Networking	04
CSC	223	Cisco Voice Networking	04
CSC	231B	Scaling Networks	08
CSC	241A	Connecting Networks	08
CSC	301	Cisco Healthcare IT	04
EET	111A	Electrical Technology	04
EET	115D	DC Circuits	04
EET	136	Digital Circuits I	04
EET	216	Digital Circuits II	04
ITS	111	Introduction to Information System Security	04
ITS	221	VPN/Firewall Architecture and Management I	04
ITS	222	VPN/Firewall Architecture and Management II	04
ITS	341	Scripting for Network Administrators	04
LUX	211	Shell Programming	04
LUX	261	Linux/Unix System Administration I	04
LUX	262	Linux/Unix System Administration II	04
LUX	263	Linux/Unix System Administration III	04
MNP	202	Microsoft Windows Server Administration II	04
MNP	203	Microsoft Windows Server Administration III	04
MNP	211	Configuring Windows Server 2008 Active Directory	04
MNP	221	Configuring Windows Server 2008 Network Infrastructure	04
MNP	231	Administering Windows Server 2008	04
MNP	301	Implementing and Maintaining Microsoft SQL Server	04
MNP	311	Configuring Microsoft Office Sharepoint Server	04
MNP	321	Configuring Microsoft Exchange Server	04
MNP	401	Configuring Windows Server 2008 Applications Infrastructure	04

MNP	411	Windows Server 2008 Enterprise Administrator	04
NET	211	Wireless Networking	04
NET	224	Advanced Routers and Routing	04
NET	226A	Designing Internetwork Solutions	04
VCP	201	VMware vSphere: Install, Configure, Manage	04
VCP	202	VMware View: Install, Configure, Manage	04
VCP	211	VMware vSphere: Troubleshooting	04
VCP	212	VMware vSphere: Manage for Performance and Security	04

GENERAL EDUCATION ELECTIVES

Course Number		Course Title	Quarter Hours
COMMUNICATION ELECTIVES (Associate Degree)			
ELECT	**120A**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
COMMUNICATION ELECTIVES (Bachelor Degree)			
ELECT	**121A**	**Communication Elective**	
ELECT	**121B**	**Communication Elective**	
ENG	221	Critical Writing and Literary Analysis	04
ENG	231	Language and Culture	04
ENG	311	Creative Writing	04
ENG	411	Foundations of Mass Communication	04
LIT	301	Contemporary Literature	04
LIT	331	American Literature I	04
LIT	332	American Literature II	04
WRI	115	Workplace Communication	04
WRI	301A	Report Writing	04
COMPUTER LITERACY ELECTIVES			
ELECT	**161A**	**Computer Literacy Elective**	
ELECT	**161B**	**Computer Literacy Elective**	
ELECT	**161C**	**Computer Literacy Elective**	
INF	112	Word Processing	02
INF	113	Electronic Spreadsheets	02
INF	114A	Introduction to Database Applications	02
INF	121	Introduction to Windows	02
INF	141A	Microsoft PowerPoint	02

GLOBAL AND CULTURAL PERSPECTIVES ELECTIVES (Bachelor Degree)			
ELECT	**131A**	**Global and Cultural Perspectives Elective**	
ELECT	**131B**	**Global and Cultural Perspectives Elective**	
ECN	301	International Economics	04
GEO	101B	World Geography I	04
GEO	102B	World Geography II	04
HIS	301	Women's Studies	04
HIS	351	World History I	04
HIS	352	World History II	04
HIS	353	World History III	04
HIS	354	World History IV	04
HIS	411	Emerging Nations	04
HUM	101B	Art and Architecture I (Antiquity to Renaissance)	04
HUM	102B	Art and Architecture II (Baroque to Modern)	04
HUM	353	Art Appreciation	02
HUM	357	Music Appreciation	02
ITP	111	American Sign Language I	04
ITP	112	American Sign Language II	04
POL	401	International Relations	04
SOC	341	Global Perspectives	04
SPN	101	Spanish I	04
SPN	102	Spanish II	04
SPN	103	Spanish III	04
PERSONAL AND SOCIAL ENVIRONMENTS ELECTIVES (Bachelor Degree)			
ELECT	**141A**	**Personal and Social Environments Elective**	
ELECT	**141B**	**Personal and Social Environments Elective**	
ECN	201	Principles of Macroeconomics	04
ECN	202	Principles of Microeconomics	04
POL	201A	American Political Systems	04
PSY	211	Psychology of Death and Dying	04
PSY	221	Developmental Psychology	04
PSY	231	Organizational Psychology	04
PSY	335	Human Sexuality	04
PSY	351	Adolescent Psychology	04
PSY	401	Social Psychology	04
SOC	201	Sociology	04
SOC	301	Social Problems	04
SCIENTIFIC INQUIRY ELECTIVES (Bachelor Degree)			
ELECT	**111A**	**Scientific Inquiry Elective**	
SCI	101C	Human Anatomy and Physiology I	05
SCI	111	Biology	05
SCI	215	Integrated Physics	04
SCI	220A	Microbiology	05
SCI	246	Chemistry I	04
SCI	251	General Physics I	04
SCI	321	Principles of Astronomy	04
SCI	451	Environmental Science	04



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GRADUATE PROGRAMS

IN

5
GROWING INDUSTRIES

- BUSINESS
- INFORMATION SYSTEMS
- EDUCATION
- HEALTH SCIENCES
- PSYCHOLOGY

EXEMPLARY REVIEW 2015

ONLINE LEARNING CONSORTIUM™
QUALITY SCORECARD

GRADUATE
ACADEMIC INFORMATION

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GRADUATE
PROGRAM COURSE LISTS

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BAKER *Center for Graduate Studies*

The online, and campus based, graduate programs developed by the Baker Center for Graduate Studies share two common characteristics: They are designed to provide you with the knowledge, skills, and career tools you'll need to succeed in today's professional environment, and their flexible structure accommodates the schedules and responsibilities of busy, working adults.

GRADUATE PROGRAMS

MASTER DEGREES

Master of Business Administration (MBA)

* Accounting ..... PG. 170
* Business Intelligence ..... PG. 170
* Finance ..... PG. 172
* General Business ..... PG. 172
* Healthcare Management ..... PG. 172
* Human Resource Management ..... PG. 173
* Information Systems ..... PG. 173
* Leadership Studies ..... PG. 174
* Marketing ..... PG. 174

Master of Occupational Therapy (MOT) ..... PG. 175

Master of Science in Educational Effectiveness (MSEE)

P-12 Concentration ..... PG. 171
Higher Education Concentration ..... PG. 171

Master of Science in Industrial/Organizational Psychology (MSIOP) .... PG. 173

Master of Science in Information Systems (MSIS)

Business Intelligence ..... PG. 170
Information Systems ..... PG. 174

Master of Science in Nursing ..... PG. 175

Doctoral Degree

Doctorate of Business Administration (DBA) ..... PG. 176

International Assembly for Collegiate Business Education • IACBE.org
Baker College has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE) located at 11374 Strang Line Road in Lenexa, Kansas. Web Address: www.iacbe.org. The business programs designated with an asterisk (*) are accredited by the IACBE.

WHY BAKER CENTER FOR GRADUATE STUDIES?

PURPOSE

The Center for Graduate Studies offers graduate programs providing advanced preparation in the fields of Business, Education, Information Systems, Nursing, Occupational Therapy, and Psychology. These graduate programs are designed to build upon a well-balanced undergraduate education. Students are expected to develop a thorough understanding of their chosen academic discipline. Graduate education provides students with the opportunity to increase knowledge, broaden understanding, and develop specialized skills beyond the baccalaureate degree.

ADMINISTRATIVE LEADERSHIP

The Center for Graduate Studies' Administrative Offices are located on the Flint campus. These administrative offices are the headquarters for the graduate programs offered throughout Michigan and online. Leadership and administration of graduate programs are provided by the President for the Center for Graduate Studies and the Graduate Faculty Council.

GRADUATE FACULTY COUNCIL

The Graduate Faculty Council, comprised of graduate faculty, is the primary channel of communication between the graduate faculty and the President. The Faculty Council is responsible for establishing the academic policies and standards regarding graduate programs, assessment of graduate programs, and other academic issues relating to graduate education. Additionally, the Faculty Council is the main forum for discussion of research and scholarly activity for graduate-level students and faculty.

ACADEMIC OUTCOMES ASSESSMENT

Graduate students may be required to take standardized entrance, progress, or exit examinations. Students progressing through the program will be assessed by a variety of methods as established by course instructors and the Center for Graduate Studies. The College agrees not to violate student privacy as it uses this information to improve the program for future students and to evaluate the effectiveness of delivery.

ACCREDITATIONS

The graduate programs are accredited through The Higher Learning Commission of the North Central Association of Colleges and Schools. The MBA program also has international accreditation through the International Assembly for Collegiate Business Education (IACBE). The Occupational Therapy program has additional accreditation through The Accreditation Council for Occupational Therapy Education (ACOTE).

RECOGNIZED ACCREDITATION STATEMENT

Applicants to the Baker College Center for Graduate Studies must hold an undergraduate degree from a regionally accredited educational institution as recognized by the American Council on Education in order to be eligible for admission. Applicants with an undergraduate degree from an educational institution nationally accredited by Transnational Association of Christian Colleges and Schools may be admitted to the College on conditional status if all other graduate requirements for admission are fulfilled.

ACCEPTANCE OF TRANSFER CREDIT

The Center for Graduate Studies welcomes transfer students into our graduate programs. Because Baker College recognizes the expediency of understandable and universally accepted standards related to transfer of academic credit, the following policies are established for transfer credit:

- Baker College will accept no more than 16 quarter hours (12 semester hours) of transfer credit into graduate programs.
- Only classes with a B (3.00) grade or higher will be eligible for transfer consideration.
- To transfer successfully, classes must equate to and be compatible with courses offered by the Center for Graduate Studies.
- Transfer of college credit will not be considered if the work was completed more than five years preceding matriculation.
- To obtain transfer credit, students are required to request that all previous colleges attended forward transcripts to Baker College Center for Graduate Studies.
- Students wishing to receive transfer credit from a foreign/international college or university must submit an official evaluation from a U.S. evaluation company. The evaluation must include the grade and U.S. course equivalency to be considered for transfer credit.

INTERNATIONAL APPLICANTS

International applicants must possess competence in the English language; both written and oral. English competency is determined by one of the following:

- A score of 570 or higher on the paper version of the Test of English as a Foreign Language (TOEFL).
- A score of 235 or higher on the Internet version of the TOEFL.
- A median score on the Comprehensive English Language Test (CELT).
- DBA students must have a score of 575 or higher on the paper version TOEFL.

Applicants who completed their undergraduate degree at an institution outside of the U.S. must have their transcript/degree evaluated by a company in the United States, such as Educational Credential Evaluators, Inc. or the National Association of Credential Evaluation Services (NACES). The results of the evaluation must be sent from the evaluation company directly to the Center for Graduate Studies. Official evaluations must include U.S. degree equivalency, course grades, and overall GPA. Applicants wishing to study in the U.S. must fulfill student visa requirements and make an advanced tuition deposit (see Tuition Deposit - International Students).

GRADUATION REQUIREMENTS

Students who have successfully fulfilled the following requirements are eligible to graduate from their program of study:

- Completion of all courses required by the program of study with a grade of C or better, or a B or better in the DBA program.
- Completion of a minimum of 34 quarter hours at Baker College Center for Graduate Studies.
- Achievement of a cumulative GPA of 3.00 or better.
- Submission of an "Application for Graduation Form" one quarter prior to expected graduation.
- Completion of all program requirements within seven years.

ABOUT GRADUATE PROGRAMS

MASTER OF BUSINESS ADMINISTRATION

The MBA program at Baker College combines the best of conventional academic training with the best of field-based learning. The typical business disciplines are represented in the curriculum to ensure that graduates have the necessary business background to be conversant with various aspects of running organizations and companies. Graduates will possess the ability to implement theory into practice, conduct and interpret research, and will be both capable and confident to significantly contribute to long-term corporate success.

MBA ADMISSION INFORMATION

Admission to the MBA program as a degree candidate is classified as either full or conditional status. Conditional status is an enrollment status applicable to students who may be deficient in one of the requirements or standards for matriculation such as undergraduate GPA or another credential required by the program. For applicants admitted on conditional status, the Center for Graduate Studies will specify the conditions for admissions. If the conditions are not met, the student will be dismissed from the program. Application forms and detailed directions are available in the Center for Graduate Studies' Administrative Offices and on the Internet at www.baker.edu. Students are admitted on a rolling admission basis and acceptance decisions are determined by the Admission Committee. Candidates applying for matriculation into the MBA program must submit the following materials:

- Completed Graduate College Application form.
- Non-refundable $25.00 application fee.
- A typed essay (750-1000 words) in response to the following questions:
    1) How have your academic work, professional work, and/or life experiences prepared you for the Baker College Center for Graduate Studies program you seek to enter?
    2) What are your personal, professional, and/or career goals 5 and 10 years after your earn your Baker College Center for Graduate Studies degree? How will earning this degree help you achieve these goals?
    3) What do you view as your greatest strengths and challenges as you begin the graduate journey? How will you utilize your strengths to overcome your challenges in order to successfully complete the graduate program?
- Official college transcripts indicating an undergraduate degree with a GPA of 2.5 or better (4.0 scale) from a regionally accredited college or university. Official college transcripts must be mailed from the institution granting the degree directly to the Center for Graduate Studies.
- A current resume indicating a minimum of three years of full-time, professional work experience.
- GMAT or GRE scores may be submitted if the candidate wants the scores considered in the admission decision.

MASTER OF OCCUPATIONAL THERAPY

The delivery of the Occupational Therapy Program at the graduate level revolves around instructors facilitating learning through problem-based case management. Students in the MOT program will be required to utilize theory, logic, clinical reasoning, and pragmatic skills in an interactive learning environment. It is expected that students will participate in discussion, debate, and develop treatment choices based on sound research and theoretical assumptions. Students will demonstrate clinical skills as well as the ability to provide a rationale for treatment and expected outcomes. Students will not only display advanced clinical skills in laboratory settings, but they will also reflect advanced knowledge through scholarly writing by completing a research project under the supervision of a faculty member. The MOT curriculum emphasizes mastery of skills required for entry-level practice. The curriculum is designed so that graduates can review, understand, conduct, and interpret research activities. Evidence-based practice initiatives make it essential that practitioner research skills are well developed. This program is specifically designed as a continuation of the Bachelor of Health Sciences Pre-Occupational Therapy Program (in the Health Sciences program pages). Transfer students may be considered for admission after analysis of undergraduate prerequisite courses. The six month fieldwork requirement must be met no later than one year after all academic coursework is completed. Graduates of an accredited program will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy [NBCOT.] After successful completion of this exam, the individual will be a certified occupational therapist. In addition, the State of Michigan licensure for occupational therapists requires NBCOT certification. A felony conviction may affect a graduate's placement at Level I and Level II clinical sites, ability to sit for the NBCOT certification examination, and attain a Michigan license.

ACOTE ACCREDITATION

The MOT curriculum meets the current standards mandated by the Accreditation Council for Occupational Therapy Education (ACOTE). The MOT program is fully accredited by ACOTE, a division of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, Suite 200, Bethesda, MD 20814-3449; 301-652-2682; www.acoteonline.org.

MOT ADMISSION INFORMATION

Admission to a graduate degree program as a degree candidate is classified as either full or conditional status. Conditional status is an enrollment status applicable to students who may be deficient in one of the requirements or standards for matriculation such as: pending completion of their bachelor degree, letter of recommendation, or another credential required by the program. For applicants admitted on conditional status, the Center for Graduate Studies will specify the conditions for admissions. If the conditions are not met, the student will be dismissed from the program. Graduate school application forms and detailed directions are available from the administrative offices. Applications and required credentials must be received prior to the deadline to be considered for matriculation. Acceptance decisions are determined by the Admission Committee. Students applying for matriculation into the MOT program must submit the following materials:

- Completed Graduate College Application form.
- Non-refundable $25.00 application fee.
- A typed essay (750-1000 words) in response to the following questions:
    1) How have your academic work, professional work, and/or life experiences prepared you for the Baker College Center for Graduate Studies program you seek to enter?
    2) What are your personal, professional, and/or career goals 5 and 10 years after your earn your Baker College Center for Graduate Studies degree? How will earning this degree help you achieve these goals?
    3) What do you view as your greatest strengths and challenges in order to successfully complete the graduate program?
- Official college transcripts indicating an undergraduate degree in a health related discipline containing specific pre-OT courses. A cumulative GPA of 2.5 or better on a 4.0 scale. The applicant's undergraduate degree must be from a regionally accredited college or university. Official college transcripts must be mailed from the institution granting the degree directly to the Center for Graduate Studies.
- GRE scores may be submitted if the student wants the scores considered in the admissions decision.

MASTER OF SCIENCE IN EDUCATIONAL EFFECTIVENESS

The Master Degree of Educational Effectiveness at Baker College provides educational leaders with the knowledge and skills necessary to manage and lead educational organizations in this era of accountability. The typical educational leadership components including organizational development, budgeting, community relations and ethics are taught through a lens of data analysis and continuous improvement to ensure maximum student learning. Trends in research, technology and best practices are also included. Graduates will possess the ability to implement theory into practice, conduct and interpret research, and will be both capable and confident to significantly contribute to long-term success.

MSEE ADMISSIONS INFORMATION

Admission to the MSEE program as a degree candidate is classified as either full or conditional status. Conditional status is an enrollment status applicable to students who may be deficient in one of the requirements or standards for matriculation such as: undergraduate GPA, letter of recommendation, or another credential required by the program. For applicants admitted on conditional status, the Center for Graduate Studies will specify the conditions for admissions. If the conditions are not met, the student will be dismissed from the program. Application forms and detailed directions are available in the Center for Graduate Studies' Administrative Offices and on the Internet at www.baker.edu. Students are admitted on a rolling admission basis and acceptance decisions are determined by the Admission Committee. Candidates applying for matriculation into the MSEE program must submit the following materials:

- Completed Graduate College Application form.
- Non-refundable $25.00 application fee.
- A typed essay (500-1000 words) addressing the candidate's reasons for entering the program.
- Official college transcripts indicating an undergraduate degree with a GPA of 2.5 or better (4.0 scale) from a regionally accredited college or university. Official college transcripts must be mailed from the institution granting the degree directly to the Center for Graduate Studies.
- A current resume indicating a minimum of three years of full-time, professional work experience.
- GRE scores may be submitted if the candidate wants the scores considered in the admission decision.

MASTER OF SCIENCE IN INDUSTRIAL / ORGANIZATIONAL PSYCHOLOGY

A Master Degree in Industrial/Organizational Psychology identifies and provides students with a critical path for professional development, credibility in the field, as well as a clear and defined professional identity in their area of specialization in psychology. This program addresses the study of behavior and performance in the workplace and other organizational settings, through the application of the theories, methods, and principles of psychology to individuals, teams, and organizations. This specialization is not intended to prepare you for licensure as a professional psychologist, but rather to apply psychological principles for organizational success.

I/O PSYCHOLOGY ADMISSION INFORMATION

Admission as a degree candidate is classified as either full or conditional status. Conditional status is an enrollment status applicable to students who may be deficient in one of the requirements or standards for matriculation such as: undergraduate GPA, letter of recommendation, or another credential required by the program. For applicants admitted on conditional status, the Center for Graduate Studies will specify the conditions for admissions. If the conditions are not met, the student will be dismissed from the program. Application forms and detailed directions are available in the Center for Graduate Studies' Administrative Offices and on the Internet at www.baker.edu. Students are admitted on a rolling admission basis and acceptance decisions are determined by the Admission Committee. Candidates applying for matriculation into the I/O PSY program must submit the following materials:

- Completed Graduate College Application form.
- Non-refundable $25.00 application fee.
- A professional essay (750-1000 words). Specific directions for the essay are accessible via the Internet at www.baker.edu.
- Official college transcripts indicating an undergraduate degree with a GPA of 2.5 or better (4.0 scale) from a regionally accredited college or university. Official college transcripts must be mailed from the institution granting the degree directly to the Center for Graduate Studies.
- GMAT or GRE scores may be submitted if the candidate wants the scores considered in the admission decision.

MASTER OF SCIENCE IN INFORMATION SYSTEMS

Professional information technology management is a complex field requiring a strong, inter-related combination of management and technical skills. Thus, the mission of the MSIS program is to ensure that graduates are properly educated in information systems and management theory and equipped with the skills needed to become effective, responsible, technically competent, and ethical information systems leaders and managers upon graduation. The program is offered completely online, and is tailored to those who are already working in information systems, computer science, or software engineering fields, and who have an undergraduate degree in a related technical area.

MSIS ADMISSION INFORMATION

The ideal candidate for the Baker College MSIS program will have a Bachelor Degree in Information Systems, Computer Science, Software Engineering or Information Technology and a minimum of 3 years work experience in the Information Technology field. Applications for Provisional Admission are accepted from candidates without a technical undergraduate degree, but who have extensive hands-on work experience in IT. Applications for Provisional Admission are also accepted from candidates without IT work experience, but with a technical undergraduate degree from an accredited institution. With these more restrictive admission standards, we strive to maintain a higher-level of education and subject discourse, with students contributing greatly to the intellectual (and practical) depth of the program. For provisionally admitted students, the Center for Graduate Studies will specify the conditions for admissions. If the conditions are not met, the student will be dismissed from the program. Admission forms and detailed directions are available in the Center for Graduate Studies' Administrative Offices and on the Internet at www.baker.edu. Students are admitted on a rolling admission basis. Candidates applying for matriculation into the MSIS program must submit the following materials:

- Completed Graduate College Application form.
- Nonrefundable $25 application fee.
- A typed essay (750-1000 words) in response to the following questions:
    1) How have your academic work, professional work, and/or life experiences prepared you for the Baker College Center for Graduate Studies program you seek to enter?
    2) What are your personal, professional, and/or career goals 5 and 10 years after your earn your Baker College Center for Graduate Studies degree? How will earning this degree help you achieve these goals?
    3) What do you view as your greatest strengths and challenges as you begin your graduate journey? How will you utilize your strengths to overcome your challenges in order to successfully complete the graduate program?
- Official college transcripts indicating an undergraduate degree, with a GPA of 2.5 or better on a 4.0 scale. Official college transcripts must be mailed from the institution granting the degree directly to the Center for Graduate Studies. If the undergraduate degree is not in a technical/IT discipline, the application will be for Provisional Admission.
- A current resume indicating a minimum of three years of full-time, professional work experience in information technology. If the resume does not show 3 years of IT-related work experience, the application will automatically be for Provisional Admission.
- GRE scores may be submitted if the candidate wants the scores considered in the admission decision, and are recommended for those applying for Provisional Admission.

MASTER OF SCIENCE IN NURSING

The Baker College Master of Science in Nursing (MSN) program offers two tracks—Administrative Track or Education Track—to prepare you for a leadership position in the career field you choose. Each Track builds upon your knowledge and experience by combining advanced nursing knowledge with specialized skills to help you achieve your individual potential. The MSN core curriculum—required for both Tracks—provides a foundation that addresses the challenges of today's healthcare, with courses in leadership and ethics, quality improvement, healthcare technologies, and more. As a student in the MSN Administrative Track, you will also develop the knowledge and skills essential to managing health-related organizations, such as finance, human resources, and quality management. In the MSN Education Track, your courses will include advanced health assessment, pharmacology and pathophysiology along with instructional strategies, curriculum development and evaluation strategies.

Both Tracks combine classroom studies with a practicum in your selected area of interest. By studying under, and working with, industry professionals in real-world environments, you learn how to effectively apply principles, theory, and research to develop your skills and competencies. As a MSN program graduate, you'll have both the knowledge and experience that will enable you to successfully advance in your career.

MSN ADMISSION INFORMATION

For the Master of Science in Nursing, standard graduate application and review committee procedures apply.

- Completed application for graduate admissions to Master of Science in Nursing
- Payment of non-refundable $25.00 Application Fee
- Graduate Essay as it pertains to goals in completion of the MSN credential
- Official Transcripts from a regionally accredited institution indicating Bachelor Degree completion with a 2.5 GPA or higher
- Applicants must hold an unencumbered license as a Registered Nurse (RN) in the United States (US), District of Columbia or US territories; or an unencumbered license as a RN in Canada.
- Applicants must include a photocopy of active US or Canadian RN license or a printed page from the licensing state's nursing website or Canadian equivalent verifying licensure status and expiration date.
- A copy of the score report for any GMAT or GRE scores. (While not required for admission, these scores may be used as supporting evidence for admission to the graduate program.)
- Graduate Review Committee Process:
- Completed admission file will be reviewed by an admissions advisor other than the advisor enrolling the applicant making sure all admissions documents are in the file and verify all documents are authentic and meet minimum requirements.
- File is assigned to graduate faculty member who reviews academic credentials and graduate essay, and makes recommendation on admissions disposition.
- File with admissions and faculty recommendation is submitted to program Dean for final review and final admissions entrance recommendation.

DOCTORATE OF BUSINESS ADMINISTRATION

The Doctorate of Business Administration (DBA) program serves the needs of working adults, helping them to advance in their careers through quality graduate education. The program is designed to graduate scholar practitioners who will set the standard for best practice and contribute to the solution of critical business and management problems through research, teaching, and consulting. Specifically, the purposes of the Doctorate in Business Administration at Baker College are to graduate managers, business leaders, executives, and scholar practitioners able to: Contribute to a deeper understanding of business and management processes in an increasingly complex world through applied research, teaching, and scholarship; improve their performance and the quality of their business decisions through reflective practice and lifelong learning; help companies and organizations solve critical problems and foster an environment of performance excellence; make a difference in the life of their organizations, professions, and the larger world-wide community through service to social and professional organizations by conducting themselves in accordance with the highest ethical standards. The program builds on an effective combination of courses, seminars, professional residencies, research papers, and a final dissertation. Working with faculty members, who have extensive academic and practical experiences, students gain a comprehensive understanding of critical foundation theories and the ability to immediately apply creative solutions to existing problems.

DBA ADMISSION INFORMATION

To be admitted into the program, an MBA degree or equivalent and a minimum of five years professional experience in business or management is required. Candidates applying for matriculation into the DBA program must submit the following materials:

- Completed Graduate College Application form submitted electronically.
- Nonrefundable $25.00 application fee.
- Official transcripts indicating an MBA or related master degree from a U.S. school accredited by one of the regional accrediting associations, or from a non-U.S. Institution with comparable accreditation. Educational Credential Evaluators, Inc. (ECE) must evaluate a degree awarded from a non-U.S. Institution as equivalent to a master degree awarded by a U.S. institution. A minimum grade point average of 3.25 on a 4.0 scale in their master course work is required.
- A current resume indicating a minimum of five years of professional experience in business, management or administration.
- Include three professional references on the application.
- A 500 - 1000 word essay on your motivation for doctoral study. Essay must be submitted electronically.

MASTER DEGREE PROGRAMS

ACCOUNTING

Master of Business Administration

The accounting major is a program of advanced accounting classes for managers that have undergraduate degrees in accounting and want to take additional classes in subjects that are critical in their work situations. The accounting major is designed to provide a balanced broad education and an in-depth understanding of the theoretical and practical concepts of accounting. Students enrolling in this major must have a minimum of 16-quarter hours of undergraduate accounting. This should include at least eight-quarter hours of principles of accounting and at least four hours of intermediate accounting.

Course Number	Course Title	Quarter Hours
ACCOUNTING MAJOR - 20 HOURS		
BUS 630	Accounting for the Contemporary Manager	04
BUS 631	Taxation	04
BUS 634	Non-Profit Accounting	04
BUS 635	Global Accounting	04
BUS 642	Financial Accounting	04
BUSINESS REQUIREMENTS - 33 HOURS		
BUS 572	Human Resource Management	04
BUS 615	Human Behavior Management of Organizations	04
BUS 640	The Financial Environment	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
MIS 511	Management Information Systems	04
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

BUSINESS INTELLIGENCE

Master of Business Administration

This program has been designed for managers in departments other than information systems who wish to learn more about information resources. In addition to the core MBA courses of the program, students are exposed to very specific information management issues which confront managers every day. The business intelligence major provides executives and managers with an understanding of emerging technologies, management support systems, managerial and leadership techniques, and information resources in ways that will make the manager's organization more effective and efficient.

Course Number	Course Title	Quarter Hours
BUSINESS INTELLIGENCE MAJOR - 20 HOURS		
MIS 511	Management Information Systems	04
MIS 526	Fundamentals of Business Intelligence	04
MIS 531	Database Design and Management	04
MIS 624	Data Warehousing	04
MIS 626	Decision Support and Dashboarding	04
BUSINESS REQUIREMENTS - 33 HOURS		
BUS 572	Human Resource Management	04
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

BUSINESS INTELLIGENCE

Master of Science in Information Systems

The Master of Science in Information Systems degree is designed for information systems professionals responsible for managing the development, acquisition, implementation, and operation of information systems in a variety of organizational settings. The Business Intelligence major offers knowledge and technologies that assist executive decision making and improve organizational productivity. It is designed for those who want to advance their careers in the rapidly growing field of business intelligence.

Course Number	Course Title	Quarter Hours
BUSINESS INTELLIGENCE MAJOR - 16 HOURS		
MIS 526	Fundamentals of Business Intelligence	04
MIS 531	Database Design and Management	04
MIS 624	Data Warehousing	04
MIS 626	Decision Support and Dashboarding	04
MANAGEMENT INFORMATION SYSTEMS REQUIREMENTS - 22 HOURS		
MIS 511	Management Information Systems	04
MIS 521	Information Systems Project Management	04
MIS 611	System Analysis and Design	04
MIS 671	Information Systems Integration Project I	04
MIS 672	Information Systems Integration Project II	06
BUSINESS REQUIREMENTS - 17 HOURS		
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 678	Research and Statistics for Managers	04
CGS 501	Graduate Seminar	01
QUARTER HOURS REQUIRED FOR GRADUATION		**55**

BAKER COLLEGE
SCHOOL of EDUCATION

EDUCATIONAL LEADERSHIP: P-12

Master of Science in Educational Effectiveness

This graduate program will emphasize improving student learning in an era of accountability. Course content includes management, organizational development, budgeting, ethics, diversity, and faculty/staff evaluation. Data-driven models will guide the integration of curriculum, instruction, and assessment. Candidates will locate research and best practice information, interpret and use data for decision making, and apply continuous improvement processes to the classroom as well as in administration. The goal of the program is developing leaders who strive to create a coherent system in which all components are working toward a common goal of improved student learning. Technological tools for managing information and improving efficiency will also be included.

It should be noted that there are two different concentrations within the program. One concentration is for those candidates interested in applying their learning to P-12 education. The other concentration is for those candidates interested in higher education. Each concentration has three classes that are unique to the concentration. The other eleven courses are common to both concentrations.

Course Number	Course Title	Quarter Hours
EDUCATIONAL EFFECTIVENESS MAJOR - 41 HOURS		
CGS 501	Graduate Seminar	01
EDU 511	Data Analysis for Educators	04
EDU 521	Assessment and Evaluation for Educators I	04
EDU 522	Assessment and Evaluation for Educators II	04
EDU 523	Research in Education	04
EDU 531	Learning Theory and Instruction for Educational Improvement	04
EDU 601	Leadership for Accountability	04
EDU 602	Organizations, Innovation, and Accountability	04
EDU 603	Faculty Evaluation and Growth to Improve Student Learning	04
EDU 621	Technology for Improving Education	04
EDU 691	Educational Effectiveness Capstone Experience	04
P-12 CONCENTRATION - 12 HOURS		
EDU 611	Fiscal, Facilities, and School Management	04
EDU 612	Public Policy, Values, and Legal and Ethical Issues in Accountability	04
EDU 613	School and Community Relations - Diversity and Communities	04
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

EDUCATIONAL LEADERSHIP: HIGHER EDUCATION

Master of Science in Educational Effectiveness

This graduate program will emphasize improving student learning in an era of accountability. Course content includes management, organizational development, budgeting, ethics, diversity, and faculty/staff evaluation. Data-driven models will guide the integration of curriculum, instruction and assessment. Candidates will locate research and best practice information, interpret and use data for decision making, and apply continuous improvement processes to the classroom as well as in administration. The goal of the program is developing leaders who strive to create a coherent system in which all components are working toward a common goal of improved student learning. Technological tools for managing information and improving efficiency will also be included.

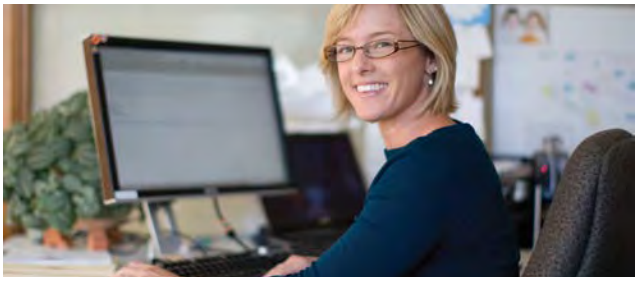
It should be noted that there are two different concentrations within the program. One concentration is for those candidates interested in applying their learning to P-12 education. The other concentration is for those candidates interested in higher education. Each concentration has three classes that are unique to the concentration. The other eleven courses are common to both concentrations.

Course Number	Course Title	Quarter Hours
EDUCATIONAL EFFECTIVENESS MAJOR - 41 HOURS		
CGS 501	Graduate Seminar	01
EDU 511	Data Analysis for Educators	04
EDU 521	Assessment and Evaluation for Educators I	04
EDU 522	Assessment and Evaluation for Educators II	04
EDU 523	Research in Education	04
EDU 531	Learning Theory and Instruction for Educational Improvement	04
EDU 601	Leadership for Accountability	04
EDU 602	Organizations, Innovation, and Accountability	04
EDU 603	Faculty Evaluation and Growth to Improve Student Learning	04
EDU 621	Technology for Improving Education	04
EDU 691	Educational Effectiveness Capstone Experience	04
HIGHER EDUCATION CONCENTRATION - 12 HOURS		
EDU 641	Instructional Design for Higher Education	04
EDU 642	Course Facilitation in Higher Education	04
EDU 643	Effective Distance Learning Programs	04
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

FINANCE

Master of Business Administration

This program provides the opportunity for in-depth study of the most modern concepts, theories, analytic methods, and problem-solving techniques, emphasizing the practical uses of these financial management principles in businesses, non-profit organizations, and government. Students will actively participate in presentations, discussions, and activities highlighting practical business applications, current event applications, problem solving, analysis of case studies, and other financial applications.



Course Number	Course Title	Quarter Hours
FINANCE MAJOR - 20 HOURS		
BUS 640	The Financial Environment	04
BUS 641	Money and Banking	04
BUS 642	Financial Accounting	04
BUS 643	International Business Finance	04
BUS 645	Public Finance	04
BUSINESS REQUIREMENTS - 33 HOURS		
BUS 572	Human Resource Management	04
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
MIS 511	Management Information Systems	04
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

GENERAL BUSINESS

Master of Business Administration

This program seeks to combine the best of conventional academic training with the best of applied learning. The significant difference between this degree option and others mentioned in this catalog is that there is no need to declare a major. Students electing this "general" approach to the degree complete the core MBA courses and then select three other courses offered in the graduate school. This allows the most flexibility and is designed for students who do not have a specific need for a major to select from a variety of interesting classes.

Course Number	Course Title	Quarter Hours
GENERAL BUSINESS MAJOR - 12 HOURS		
ELECT 600A	Elective	04
ELECT 600B	Elective	04
ELECT 600C	Elective	04
BUSINESS REQUIREMENTS - 37 HOURS		
BUS 572	Human Resource Management	04
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
MIS 511	Management Information Systems	04
QUARTER HOURS REQUIRED FOR GRADUATION		**49**

HEALTHCARE MANAGEMENT

Master of Business Administration

Healthcare management has become a vital function in today's economy. With the emphasis on cost, service, and quality of care, the healthcare manager is faced with a significant number of issues and problems. This program seeks to combine the best of academic training with the best of field-based learning and an emphasis on the allied health field. Most typical business disciplines are represented in the curriculum because a successful manager must be conversant with different aspects of running organizations or companies.

Course Number	Course Title	Quarter Hours
HEALTHCARE MANAGEMENT MAJOR - 24 HOURS		
BUS 750	Healthcare Programs and Policies	04
BUS 752	Healthcare Administration	04
BUS 753	Quality Management in Healthcare Organizations	04
BUS 755	Information Technology Management in Healthcare Organizations	04
BUS 758	Health Law and Ethics	04
BUS 759	Healthcare Finance	04
BUSINESS REQUIREMENTS - 29 HOURS		
BUS 572	Human Resource Management	04
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

HUMAN RESOURCE MANAGEMENT

Master of Business Administration

This program has been designed for persons who work within the personnel or human resource area. In addition to the core business courses, students are exposed to very specific issues that confront the human resource manager every day. Students can expect to be exposed to practitioners in human resource, to the constantly changing roles of various human resource personnel within the field, and a variety of topics and issues highly relevant to the changing workplace. This program takes on an even greater significance as the world looks to well-trained human resource specialists to provide the kind of services needed by the workforce.

Course Number	Course Title	Quarter Hours
HUMAN RESOURCE MANAGEMENT MAJOR - 20 HOURS		
BUS 571	Compensation and Benefits	04
BUS 572	Human Resource Management	04
BUS 573A	Labor Relations and Conflict Resolution	04
BUS 574A	Strategic Organizational Development	04
BUS 576A	Employee Staffing and Development	04
BUSINESS REQUIREMENTS - 33 HOURS		
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
MIS 511	Management Information Systems	04
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

Master of Science in I/O Psychology

A Master Degree in Industrial/Organizational Psychology identifies and provides students with a critical path for professional development, credibility in the field, as well as a clear and defined professional identity in their area of specialization in psychology. This program addresses the study of behavior and performance in the workplace and other organizational settings, through the application of the theories, methods, and principles of psychology to individuals, teams, and organizations. This specialization is not intended to prepare you for licensure as a clinical/counseling psychologist, but rather to be an I/O psychology practitioner who applies psychological principles for organizational success.

Course Number	Course Title	Quarter Hours
INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY MAJOR - 57 HOURS		
CGS 501	Graduate Seminar	01
PSY 511	History and Systems in Psychology	04
PSY 521	Industrial/Organizational Psychology	04
PSY 531	Tests and Measurements	04
PSY 541	Statistics and Data Analysis	04
PSY 551	Consultation Psychology	04
PSY 561	Research Methods	04
PSY 571	Psychology of Leadership	04
PSY 611	Testing and Assessment in the Workplace	04
PSY 621	Psychology of Performance and Motivation	04
PSY 631	Psychology of Cognition and Learning	04
PSY 641	Psychology of Personnel Management and Human Resources	04
PSY 651	Social Psychology	04
PSY 699	Integrative Capstone in Psychology	04
SELECT 1 COURSE FROM THE FOLLOWING:		
PSY 661	Evidence Based Coaching	04
PSY 671	Industrial/Organizational Psychology Residency	04
QUARTER HOURS REQUIRED FOR GRADUATION		**57**

INFORMATION SYSTEMS

Master of Business Administration

This program has been designed for managers in departments other than information systems who wish to learn more about information resources. In addition to the core MBA courses of the program, students are exposed to very specific information management issues which confront managers every day.

Course Number	Course Title	Quarter Hours
INFORMATION SYSTEMS MAJOR - 20 HOURS		
MIS 511	Management Information Systems	04
MIS 521	Information Systems Project Management	04
MIS 531	Database Design and Management	04
MIS 541	Data Communications and Networking	04
MIS 611	System Analysis and Design	04
BUSINESS REQUIREMENTS - 33 HOURS		
BUS 572	Human Resource Management	04
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

INFORMATION SYSTEMS

Master of Science in Information Systems

The Master of Science in Information Systems degree is designed for information systems professionals responsible for managing the development, acquisition, implementation, and operation of information systems in a variety of organizational settings. The program emphasizes information systems theory and its application to business opportunities and challenges. Additionally, the program addresses mission critical issues such as strategic planning, risk management, financial considerations, project management, and quality assurance.

Course Number	Course Title	Quarter Hours
INFORMATION SYSTEMS MAJOR - 16 HOURS		
MIS 531	Database Design and Management	04
MIS 541	Data Communications and Networking	04
MIS 601	Information Security	04
MIS 621	Systems Architectures	04
MANAGEMENT INFORMATION SYSTEMS REQUIREMENTS - 22 HOURS		
MIS 511	Management Information Systems	04
MIS 521	Information Systems Project Management	04
MIS 611	System Analysis and Design	04
MIS 671	Information Systems Integration Project I	04
MIS 672	Information Systems Integration Project II	06
BUSINESS REQUIREMENTS - 17 HOURS		
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 678	Research and Statistics for Managers	04
CGS 501	Graduate Seminar	01
QUARTER HOURS REQUIRED FOR GRADUATION		**55**

LEADERSHIP STUDIES

Master of Business Administration

This program has been designed for individuals who aspire to upper level administrative and management positions. In addition to the core MBA courses, students are exposed to specific leadership issues and theories designed to help develop leaders with vision and problem-solving skills.

Course Number	Course Title	Quarter Hours
LEADERSHIP MAJOR - 20 HOURS		
BUS 615	Human Behavior Management of Organizations	04
BUS 685	Dynamics of Leadership	04
BUS 686	Leadership Theory and Practice	04
BUS 688	Profiles in Leadership	04
BUS 689	Team Leadership and Group Dynamics	04
BUSINESS REQUIREMENTS - 33 HOURS		
BUS 572	Human Resource Management	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 650	The Economic Environment	04
BUS 660	The Marketing Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
MIS 511	Management Information Systems	04
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

MARKETING

Master of Business Administration

This program has been designed for persons who work within the marketing, advertising, or public relations sectors of a company. In addition to the core MBA courses of the program, students are exposed to very specific issues that confront marketing managers everyday. Students enrolling in this major will learn about the various marketing functions within a company.

Course Number	Course Title	Quarter Hours
MARKETING MAJOR - 20 HOURS		
BUS 660	The Marketing Environment	04
BUS 664	International Marketing	04
BUS 666	Marketing Research	04
BUS 667	Promotional Management	04
BUS 668	Distribution Management	04
BUSINESS REQUIREMENTS - 33 HOURS		
BUS 572	Human Resource Management	04
BUS 615	Human Behavior Management of Organizations	04
BUS 630	Accounting for the Contemporary Manager	04
BUS 640	The Financial Environment	04
BUS 650	The Economic Environment	04
BUS 678	Research and Statistics for Managers	04
BUS 690	Strategy in a Global Environment	04
CGS 501	Graduate Seminar	01
MIS 511	Management Information Systems	04
QUARTER HOURS REQUIRED FOR GRADUATION		**53**

BAKER COLLEGE
SCHOOL of NURSING

NURSING

Master of Science in Nursing

The Baker College Master of Science in Nursing (MSN) program strives to prepare nurses for leadership positions in administration (Administrative Track) or education (Education Track). Both cognates build upon the knowledge and skills nurses bring to a curriculum designed to meet the highest levels of nursing practice with an emphasis on the potential of each student. The MSN degree program provides experienced professional nurses the education and competencies needed to function in a rapidly changing healthcare environment.

Accreditation Status: The newly developed MSN Program is based on standards established by the American Association of Colleges of Nursing (AACN), Commission on Collegiate Nursing Education (CCNE). The MSN program is not yet accredited.

Course Number	Course Title	Credit Hours
Nursing Core - 20 Hours		
NUR 511	Advanced Practice Nursing Roles	04
NUR 521	Organization, Delivery & Policy in Healthcare	04
NUR 531	Nursing Theory & Research [Statistics Required]	04
NUR 541	Informatics and Healthcare Technologies	04
NUR 551	Quality Improvement, Outcomes Management, & Population Health	04
NURSING ADMINISTRATION CONCENTRATION - 22 HOURS		
BUS 572	Human Resource Management	04
BUS 753	Quality Management in Healthcare Organizations	04
BUS 759	Healthcare Finance	04
NUR 643	Foundations of Nursing Administration	04
NUR 686	Practicum in Nursing Administration	06
TOTAL CREDITS REQUIRED FOR MSN NURSING ADMINISTRATION (CORE PLUS PRE-REQUISITES)		**42**
NURSING EDUCATION CONCENTRATION - 24 HOURS		
NUR 611	Advanced Health Assessment & Pharmacology	04
NUR 612	Advanced Pathophysiology	04
NUR 621	Instructional Strategies for Nursing Education	04
NUR 622	Curriculum Development for Nursing Education	04
NUR 623	Evaluation Strategies for Nursing Education	04
NUR 681	Practicum in Nursing Education	04
QUARTER HOURS REQUIRED FOR MSN NURSING EDUCATION (CORE PLUS PRE-REQUISITES)		**44**

BAKER COLLEGE
SCHOOL of OCCUPATIONAL THERAPY

OCCUPATIONAL THERAPY

Master of Occupational Therapy

The delivery of the Occupational Therapy program at the graduate level revolves around instructors facilitating learning through problem-based case management. Students in the MOT program will be required to utilize theory, logic, clinical reasoning, and pragmatic skills in an interactive learning environment. It is expected that students will participate in discussion, debate, and develop treatment choices based on sound research and theoretical assumptions. The Master of Occupational Therapy curriculum emphasizes mastery of skills required for entry-level practice. The curriculum is designed so that graduates can review, understand, conduct, and interpret research activities. Evidence-based practice initiatives make it essential that practitioner's research skills are well developed.

Program Status: Limited Enrollment

Course Number	Course Title	Quarter Hours
OCCUPATIONAL THERAPY MAJOR - 44 HOURS		
OCC 501	Program Planning/Intervention (Childhood)	05
OCC 505	Assessment and Treatment Interventions for Mental Health Practice	04
OCC 511	Occupational Therapy Research	04
OCC 512	Qualitative and Quantitative Research Techniques	04
OCC 513	Independent Study in Occupational Therapy Research	04
OCC 521	Upper Extremity Anatomy	04
OCC 522	Splinting and Related Hand Therapy Topics	04
OCC 530	Case Based Clinical Reasoning	06
OCC 541	Leadership and Management Roles in Occupational Therapy Practice	04
OCC 561	Level I Fieldwork (Psychological and Social Factors)	04
OCC 691	Graduate Seminar in Certification Preparation	01
CLINICAL FIELDWORK REQUIREMENTS - 12 HOURS		
OCC 571	Occupational Therapy Level II Fieldwork	06
OCC 572	Occupational Therapy Level II Fieldwork	06
QUARTER HOURS REQUIRED FOR GRADUATION		**56**

DOCTORAL DEGREE PROGRAM

BUSINESS ADMINISTRATION

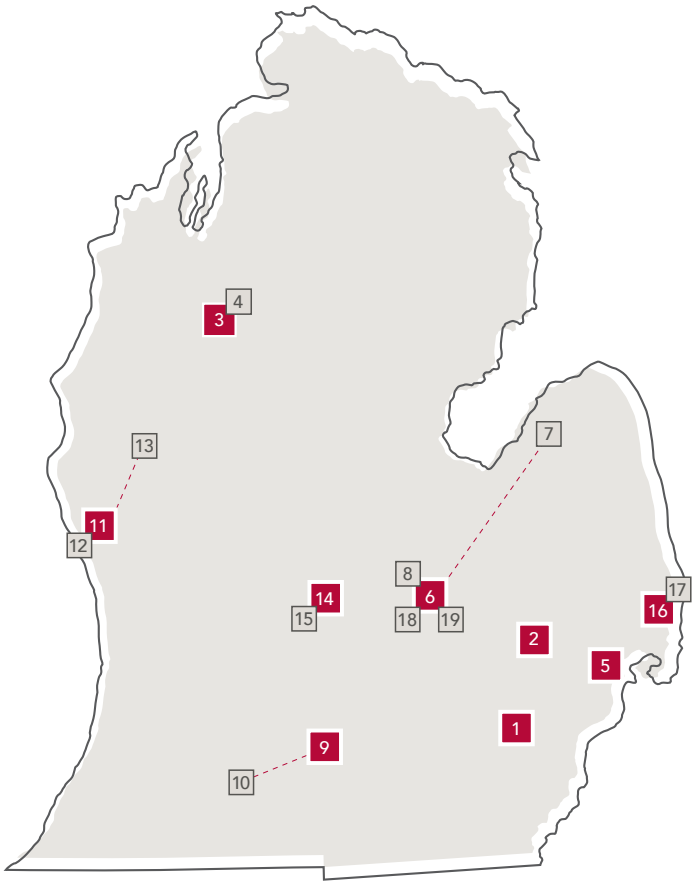
Doctorate of Business Administration

Structured as a 90 quarter credit program, the DBA curriculum blends taught interdisciplinary content and research seminars with assessed scholarly and professional development activities, including attendance at two professional residencies. The program culminates in a research-based dissertation focused on a real problem facing today's business leaders and managers. Over the course of the program, students develop the capacity to work independently and in more depth, moving from prescribed content in the first year of the program, to supervised scholarly activities in the second year, to independent research focused on his or her area of interest in the third year. Students may choose from six areas of specialization or design their own specialized field of study.

Course Number	Course Title	Quarter Hours
DOCTORAL CORE REQUIREMENTS - 42 HOURS		
BUS 800	Doctoral Seminar in Information Proficiency	02
BUS 801	The Scholar Practitioner	04
BUS 810	Leading 21st Century Organizations	04
BUS 811	Managing in a World-Wide Context	04
BUS 812	Knowledge Management and Information Systems	04
BUS 813	Quality Improvement and Organizational Change	04
BUS 814	Corporate and Personal Ethics	04
BUS 840	Statistics for Executives	04
BUS 841	Introduction to Research Design	04
BUS 844	Defining the Dissertation Research Problem and Research Question	04
SELECT 1 COURSE FROM THE FOLLOWING:		
BUS 842	Designing a Qualitative Dissertation Study	04
BUS 843	Designing a Quantitative Dissertation Study	04
DOCTORAL SPECIALTY REQUIREMENTS - 8 HOURS		
BUS 860	Doctoral Specialization Seminar I	04
BUS 870	Doctoral Specialization Seminar II	04
PROFESSIONAL RESIDENCY REQUIREMENTS - 4 HOURS		
BUS 880	First Year Professional Residency	02
BUS 881	Second Year Professional Residency	02
COMPREHENSIVE/QUALIFYING ASSESSMENT REQUIREMENTS - 8 HOURS		
BUS 890A	Professional Development I	02
BUS 891A	Professional Development II	02
BUS 892	Comprehensive Essay	02
BUS 893	Qualifying Paper	02
DISSERTATION REQUIREMENTS - 28 HOURS		
BUS 894	Dissertation Proposal I	04
BUS 895	Dissertation Proposal II	04
BUS 896B	Dissertation I	04
BUS 897B	Dissertation II	04
BUS 898B	Dissertation III	04
BUS 899B	Dissertation IV	04
BUS 900	Dissertation V	04
QUARTER HOURS REQUIRED FOR GRADUATION		**90**

For more information or to see program videos, please visit baker.edu.

THE BAKER SYSTEM



MICHIGAN CAMPUSES

1 Baker College of Allen Park
2 Baker College of Auburn Hills
3 Baker College of Cadillac
4 Center for Transportation Technology/ Truck Driving
5 Baker College of Clinton Township
6 Baker College of Flint
7 Cass City Branch Campus
8 Center for Transportation Technology/ Truck Driving
9 Baker College of Jackson
10 Coldwater Extension Site
11 Baker College of Muskegon
12 The Culinary Institute of Michigan
13 Fremont Extension Site
14 Baker College of Owosso
15 The Auto/Diesel Institute of Michigan
16 Baker College of Port Huron
17 The Culinary Institute of Michigan

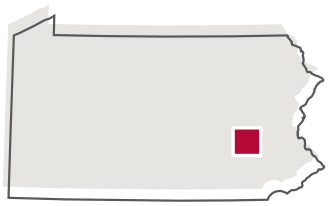
DIVISIONAL OFFICES

18 Baker Online (Flint)
19 Baker Center for Graduate Studies (Flint)

Housing available

PENNSYLVANIA CAMPUS

Baker College of Reading



ACCREDITED

NOT-FOR-PROFIT MEANS WE'RE IN IT FOR YOU

ATTEND ON-CAMPUS, ONLINE, OR BOTH

HIGH GRADUATE EMPLOYMENT RATE

LIFETIME EMPLOYMENT ASSISTANCE

CONVENIENT CLASS TIMES

TRANSFER STUDENTS ACCEPTED

OVER 100 CAREER PROGRAMS