

# Articulation Agreement Between Baker College and All State Approved Secondary CTE Programs



The purpose of this agreement is to facilitate the transition of students from high school occupational and/or Career and Technical Education (CTE) program to **Baker College**. This program is offered at all **State-Approved Career and Technical Programs in Michigan**.

## General Conditions and Requirements:

1. Student must apply for [Articulated Credit at Baker College](#) within one year (12 months) of high school graduation.
2. Student must complete [the Application for Articulation \(with instructor signature\)](#), attach a high school transcript and send to [runningstart@baker.edu](mailto:runningstart@baker.edu).
3. Student must complete the course (inclusive of the identified segments) with a "B-" or higher to be eligible for articulation.

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Business, Management & Administration			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
52.0299	Business, Management & Administration	A2, A3, B2, B5, B7, B8, B11, B12, B13, B15, C1, C2, C4, C5, C6	BUS 2010	Business Law	3	52.0301 Accounting 52.0201 Business Admin. Accel. 43.0102 Criminal Justice 52.0801 Finance 51.0701 Healthcare Admin. 52.1001 Human Resource Mgt 19.0707 Human Services 52.0203 Logistics 52.0201 Management 52.1401 Marketing
		A1, A4, B1, B3, B4, B9, B10, B12, B14, B16, B17, B19, C4, C5	FIN 1010	Personal Finance	3	This course is not required for any program, but can be used as a Business Elective course wherever required.
		A1, A2, A3, B4, B5, B7, B8, B10, B12, B13, B14, B15, C1, C2, C3, C4, C5	MGT 1010	Introduction to Business	3	52.0301 Accounting 52.0201 Business Admin. Accel. 43.0102 Criminal Justice 19.0706 Early Childhood Ed. 52.0801 Finance 51.0701 Healthcare Admin. 52.1001 Human Resource Mgt. 19.0707 Human Services 11.0201 Information Systems 52.0203 Logistics 52.0201 Management 52.1401 Marketing

# **Articulation Agreement Between Baker College and All State Approved Secondary CTE Programs**



Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Information Technology			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
11.1003	Computer & Information Systems Security, Information Assurance	A1, A2, A3, A4, A5, A6, A7, A8, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11	ITS 2110	Introduction to Network Security	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Information Technology			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
11.0201	Computer Programming & Programmer	A1, A2, A3, A4, A5, A6, B1, B3, D1, F1, G1	CIS 1110A	Computer Operating Systems and Maintenance	3	11.0701 Computer Science 10.0304 Game Software Develop. 51.0707 Health Information Tech 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity
		A2, A3, A5, B1, B3, D1, F1, G1	CS 2150	C++ Programming	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity
		A5, F1, G1	WEB 1110	Introduction to HTML	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity
		A3, A5, B1, D1, F1, G1	WEB 1210	World Wide Web Design	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity

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Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
11.0901	Computer Systems Networking & Communications	A1, A2, A3, A4, A5, A6, A7, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, C1, C2, C3, C4, C5, C6, C7, C8, C9	CIS 1110A	Computer Operating Systems and Maintenance	3	11.0701 Computer Science 10.0304 Game Software Develop. 51.0707 Health Information Tech 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity
		A1, A2, A3, A4, A5, A6, A7, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, C1, C2, C3, C4, C5, C6, C7, C8, C9	NET 1010	Networking Essentials	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity
		A1, A2, A3, A4, A5, A6, A7, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, C1, C2, C3, C4, C5, C6, C7, C8, C9	WEB 1110	Introduction to HTML	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity

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Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)				Hospitality & Tourism		
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
12.0500	Cooking and Related Culinary Arts	A1, A2, A3, A4, B1, B4, D3, D4, D5	BAK 1010	Baking Science	1	12.0501 Baking & Pastry
		B4, D3, D4, D5	CUL 1150	Culinary Math	3	12.0501 Baking & Pastry 12.0503 Culinary Arts 12.0504 Food & Beverage Mgt

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)				Information Technology		
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Segments	Course	Course Name	Credits	CIP Code(s)
11.0801	Digital / Multimedia and Information Resource Design	1, 9, 12	CIS 1110A	Computer Operating Systems and Maintenance	3	11.0701 Computer Science 10.0304 Game Software Develop. 51.0707 Health Information Tech 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity
		1, 2, 3, 4, 7, 8, 9, 10, 11	WEB 1110	Introduction to HTML	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)				Manufacturing		
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Segments	Course	Course Name	Credits	CIP Code(s)
47.0101	Electrical Electronics Equipment Installation & Repair	1, 4, 5, 7	MATT 1150 & Lab	Electrical Technology & Circuits	4	15.0403 Mechatronics
		All Segments	MATT 1950A	Mechatronics Work Experience I	1	15.0403 Mechatronics
		2	MATT 2050	Industrial Safety	3	15.0403 Mechatronics
		1, 2, 3, 4, 5, 7, 12	MATT 2110 & Lab	Industrial Controls and Instrumentation & Lab	3	15.0403 Mechatronics
		1, 2, 3, 5, 7, 12	MATT 2210 & Lab	Programmable Logic Controller Application & Lab	4	15.0403 Mechatronics
		1, 4, 12	MATT 2510 & Lab	General Preventative / Predictive Maintenance & Lab	2	15.0403 Mechatronics

**Articulation Agreement Between Baker College and All State Approved Secondary CTE Programs**



Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)				Health Science		
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Segments	Course	Course Name	Credits	CIP Code(s)
51.0707	Health Information, Medical Records Technology or Technician	2, 5, 11, 12	HIT 1310	Legal and Ethical Issues	3	51.0707 Health Info. Tech.
Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Education & Training			
Secondary Information		Post-Secondary Information				
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
13.0000	Education, General	A1, A2, A3, A4, A5, A6, A7, A8, B4, B5, B6, B7, B8, C1, C2, C3, C4, C5, C6, C7, C8, D2, E1, E2, E5, E6	ECE 1010	Introduction to Early Childhood Education	3	19.0706 Early Childhood Ed.
		A3, A4, A5, A6, A7, A8, B4, B5, B6, B7, B8, C7, C8, D1, E1, E2	ECE 1110	Early Childhood Development	3	19.0706 Early Childhood Ed. 13.1202 Elementary Ed.
		A1, A2, A3, A4, A5, A6, A7, A8, B4, B5, B6, C1, C2, C3, D1, E5, E6	ECE 1310	Healthy Environments for Early Childhood	3	19.0706 Early Childhood Ed.
		A3, A4, A5, B7, B8, C1, C2, C3, D2, D3, D4, D5, E1, E2	ECE 1410	Creative Activities	3	19.0706 Early Childhood Ed.
		A2, A4, A6, A8, B1, B2, B3, B6, B7, C4, C6, C7, E2	EDU 1010	The Whole Child	3	13.1202 Elementary Ed.
		A1, A3, A4, A5, A6, A7, A8, B2, B4, B6, B7, B8, C2, E1, E5, E6	EDU 2150	Introduction to Professional Education Experiences	3	13.1202 Elementary Ed.

# **Articulation Agreement Between Baker College and All State Approved Secondary CTE Programs**



Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Finance			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
52.0800	Finance	A1, A2, A3, A4, B1, B2, B3, B4, C1, C2, C3	ACC 1010	Principles of Accounting I	3	52.0301 Accounting 52.0201 Business Admin. Accel. 52.0801 Finance 51.0701 Healthcare Admin. 52.1001 Human Resource Mgt. 52.0203 Logistics 52.0201 Management 52.1401 Marketing
		A1, A2, A3, A4, B1, B2, B3, B4, C1, C2, C3	ACC 1020	Principles of Accounting II	3	52.0301 Accounting 52.0201 Business Admin. Accel. 52.0801 Finance 51.0701 Healthcare Admin. 52.1001 Human Resource Mgt. 52.0203 Logistics 52.0201 Management 52.1401 Marketing

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Health Science			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
51.0000	Health Sciences / Allied Health Sciences / Health Sciences, General	A8, A9, B4, C3, C4, C5, C6	HSC 1010	Introduction to Health Professions	2	51.0902 Cardiac Sonography 51.0910 Diagnostic Med. Sonography 51.0701 Healthcare Administration 51.0801 Medical Assistant 51.3801 Nursing Pre-Licensure 51.0803 Occupational Therapy Asst 51.0806 Physical Therapist Assistant 51.2306 Pre-Occupational Therapy 51.0907 Radiologic Technology 51.0909 Surgical Technology
		A7, A8, B3, C1, C2	HSC 1110	Introduction to Healthcare	3	51.0701 Healthcare Administration
		A1, A2, A3, A4, A6, A8, A9, A10, B1, B2, B3, B4, C3, C4, C5, C6, C7, C8	BIO 1250	Introduction to Disease	3	51.0910 Diagnostic Med. Sonography 51.0707 Health Information Tech 51.0701 Healthcare Administration 51.0801 Medical Assistant

# Articulation Agreement Between Baker College and All State Approved Secondary CTE Programs



Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Government & Public Administration			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Segments	Course	Course Name	Credits	CIP Code(s)
28.0310	JROTC	2, 5	MGT 2020	Organizational Behavior & Management	3	52.0301 Accounting 52.0201 Business Admin. Accel. 43.0102 Criminal Justice (BS only) 52.0801 Finance 52.1001 Human Resource Mgt. 19.0707 Human Services 11.0201 Information Systems 52.0203 Logistics 52.0201 Management 52.1401 Marketing

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Law, Public Safety, Corrections & Security			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
43.0100	Law, Public Safety and Security	A1, A4, B1, B2, B3, C1, C2, C3, D1, D2, D3, D4, E1, E2, E4	CRJ 1010	Introduction to Criminal Justice	3	43.0102 Criminal Justice 43.0107 Law Enforcement Acad.
		A1, B1, C1, D1, D4, E1, E2	CRJ 2110	Interpersonal Comm. & Conflict Mgt	3	43.0102 Criminal Justice 19.0707 Human Services 43.0107 Law Enforcement Acad.
		A2, A3, A4, B2, B3, C1, C2, C3, D2, D3, D4, E2, E4	CRJ 2210	Interviewing, Investigations & Report Writing	3	43.0102 Criminal Justice 19.0707 Human Services 43.0107 Law Enforcement Acad.
		A1, A2, A4, B1, B2, B3, C1, C2, C3, D1, D2, D3, D4, E1, E2, E3, E4	CRJ 2310	Principles of Policing I	3	43.0102 Criminal Justice 43.0107 Law Enforcement Acad.

# **Articulation Agreement Between Baker College and All State Approved Secondary CTE Programs**



Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Transportation, Distribution & Logistics			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
47.0604	Automobile Technician (ASE Certified)	E1, E2, A1, A2, A3	AST 1110A & Lab	Engine Repair I (A1)	4	47.0604 Automotive Services Technology
		A1, A2, A3, B1	AST 1310A & Lab	Brakes (A5)	4	47.0604 Automotive Services Technology
		A1, A2, A3, D1	AST 1410A & Lab	Electrical / Electronic Systems & Lab (A6)	4	47.0604 Automotive Services Technology

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Marketing			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
52.1999	Marketing, Sales & Service, Marketing & Entrepreneurship	A1, A2, A5, A6, A7, B5, B8, C1	EN 2010	Introduction to Entrepreneurship	3	This course is not required for any program, but can be used as a Business Elective course wherever required
		A1, A2, A4, A5, A6, A7, B3, B5, B7, B8, C1, C2, C3, C4	MKT 1110	Principles of Marketing	3	52.0301 Accounting 52.0801 Finance 51.0701 Healthcare Admin 52.1001 Human Resource Mgt 52.0203 Logistics 52.0201 Management 52.1401 Marketing

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Science, Technology, Engineering & Mathematics			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
14.4201	Mechatronics	B1	MATT 1150 & Lab	Electrical Technology and Circuits	4	15.0403 Mechatronics
		A1, B2	MATT 1510 & Lab	Mechanical Drives	3	15.0403 Mechatronics
		All Competencies	MATT 1950A	Mechatronics Work Experience I	1	15.0403 Mechatronics
		A1, A2	MATT 2050	Industrial Safety	3	15.0403 Mechatronics
		A1, B1, C2	MATT 2110 & Lab	Industrial Controls and Instrumentation	3	15.0403 Mechatronics
		C1	MATT 2750 & Lab	Pneumatics and Hydraulics	3	15.0403 Mechatronics



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Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Transportation, Distribution & Logistics			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Segments	Course	Course Name	Credits	CIP Code(s)
47.0613	Medium Heavy Truck Technician	1, 4	DSL 1010 & Lab	Diesel Engine Theory	4	47.0613 Diesel Service Tech
		1, 10	DSL 1410 & Lab	Diesel Electrical / Electronic Systems I	4	47.0613 Diesel Service Tech

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Information Technology			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Segments	Course	Course Name	Credits	CIP Code(s)
11.1001	Systems Administration / Administrator	1, 2, 4, 7, 8, 10	CIS 1110A	Computer Operating Systems and Maintenance	3	11.0701 Computer Science 10.0304 Game Software Develop. 51.0707 Health Information Tech 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity
		1, 2, 5, 8, 10	NET 1010	Networking Essentials	3	11.0701 Computer Science 10.0304 Game Software Develop. 11.0201 Information Systems 11.1003 Info. Tech & Cybersecurity

Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)			Manufacturing			
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
48.0508	Welding, Brazing, and Soldering	A6, B1, C1, D1, E1, F1, G1	MATT 1350 & Lab	Introduction to Gas/Arc/Mig/Tig Welding	3	15.0403 Mechatronics

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Aligned/Articulated Courses for:						
Michigan & Federal Career Cluster (Secondary)				Manufacturing		
Secondary Information			Post-Secondary Information			
CIP Code	Program Name	Required Competencies	Course	Course Name	Credits	CIP Code(s)
48.0501	Machine Tool Technology / Machinist	A2, B1	MATT 1110	Basic Gauges & Measurements	3	15.0403 Mechatronics
		A1, A2, B2, B3, C1	MATT 1310 & Lab	Machining Theory & Methods and Lab	4	15.0403 Mechatronics
		All Competencies	MATT 1950A	Mechatronics Work Experience I	1	15.0403 Mechatronics
		C (Mill), C (Lathe), C (Precision Grinding), C (CNC)	MATT 2050	Industrial Safety	3	15.0403 Mechatronics
		A2, C1	MATT 2510 & Lab	General Preventative / Predictive Maintenance & Lab	2	15.0403 Mechatronics

Baker College will award articulated credit to students for the secondary program according to the conditions/replacements as outlined in the attached individual articulation agreements. Articulated Credit applies to degrees and certificates. This agreement is valid until the date of expiration.

Contact Information			
Michigan Department of Education Career and Technical Education 608 W. Allegan Street PO Box 30008 Lansing, MI 48909		Baker College (Various Campuses) <a href="http://www.baker.edu">www.baker.edu</a> System Headquarters 1020 S. Washington Street Owosso, MI 48867	
Signatures			
		<i>Randy Hill</i>	8/1/2024
Celena A. Mills Director Office of Career and Technical Education Michigan Department of Education	Date	Randy Hill, EdD Vice President for Academic Affairs Baker College	Date

For the purposes of students enrolling and receiving articulated credit, this agreement remains effective for one additional year after the expiration date to permit student access to the agreed upon credits.

For Office Use Only			
Implementation Date	August 1, 2023	Expiration Date	July 31, 2026

Updated 7/31/2024