



# Transfer Guide 3+1

Henry Ford College

BS Computer Science - Computer Programming

This Transfer Guide is designed to provide a seamless transition between the **Associate in Science in Computer Science** degree at Henry Ford College and the **BS Computer Science with concentration in Computer Programming** degree at Baker College.

For additional information about Baker College's transfer process and available scholarships, please visit our [Transfer Students](#) page.

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## PROGRAM REQUIREMENTS

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### TRANSFER CREDITS FROM HENRY FORD COLLEGE

| Degree Program                           | Credit Hours |
|--|--------------|
| Associate in Science in Computer Science | 71           |

### ADDITIONAL COURSES THAT MAY BE COMPLETED WITH HENRY FORD COLLEGE

| Course | Number | Course Title                            | Credit Hours |
|--------|--------|---|--------------|
| CIS    | 129    | INTRO TO UNIX WITH SHELL SCRIPTING      | 4            |
| CIS    | 141    | INTRO TO MOBILE APPLICATION DEVELOPMENT | 2            |
| CIS    | 280    | INFORMATION ASSURANCE AND SECURITY      | 4            |

**TOTAL CREDITS TRANSFERRED FROM HENRY FORD COLLEGE** **81**

### COURSES TO BE COMPLETED WITH BAKER COLLEGE – BS COMPUTER SCIENCE - COMPUTER PROGRAMMING

| Course | Number | Course Title                      | Credit Hours |
|--------|--------|-----------------------------------|--------------|
| CIS    | 3010   | COMPUTER ARCHITECTURE             | 3            |
| CIS    | 4010   | ADVANCED COMPUTER ARCHITECTURE    | 3            |
| CS     | 3210   | DATA STRUCTURES AND ALGORITHMS I  | 3            |
| CS     | 3220   | DATA STRUCTURES AND ALGORITHMS II | 3            |
| CS     | 3310   | APPLICATION SECURITY PRACTICES    | 3            |
| CS     | 3910   | EMERGING PROGRAMMING LANGUAGES    | 3            |
| CS     | 3950   | BIG DATA ANALYTICS                | 3            |
| CS     | 4110   | ARTIFICIAL INTELLIGENCE           | 3            |
| CS     | 4410   | IoT DEVICES                       | 3            |
| CS     | 4510   | UNIT TESTING AND INTERFACES       | 3            |
| CS     | 4910   | SENIOR PROJECT I                  | 3            |
| CS     | 4920   | SENIOR PROJECT II                 | 3            |
| WRKIT  | 4010   | WORK EXPERIENCE                   | 3            |

**TOTAL CREDIT HOURS REMAINING AT BAKER COLLEGE** **39**  
**PROGRAM TOTAL** **120**

### ARTICULATION AGREEMENT

This transfer guide is part of a formal articulation agreement between Baker College and Henry Ford College. The complete, signed document is kept on file at both Henry Ford College and Baker College.