

**Transfer Pathway Agreement  
Computer Science  
Wayne State University and Henry Ford College**

**Henry Ford College (eligible degrees)**

- Associate in Science (AS)
- Associate in General Studies (AGS)
- Computer Science (AS)

Other degree programs are possible but may exceed 120 total credits.

Recommended program(s): **Computer Science (AS)**

**Henry Ford College - Michigan Transfer Agreement (MTA) and Pathway Courses**

Goal/Area of study	Henry Ford College Course	Credits	WSU Equivalent
English Composition	ENG 131 Intro to College Writing I <i>or</i> ENG 131A, 131E, or 131H	3	ENG 1020
	ENG 132 or 132H College Writing & Research II <i>or</i> ENG 135 Business & Technical Writing & Research	3	ENG 3010 or ENG 3050
Humanities/Fine Arts	See MTA; approved Humanities and Fine Arts	3	<i>See advisor</i>
	See MTA; approved Humanities and Fine Arts	3	<i>See advisor</i>
Mathematics	MATH 180 Calculus I	5	MAT 2010
Natural Sciences	PHYS 231 Engineering Physics I	5	PHY 2170/2171
	See MTA; approved Natural Science (non- PHYS course; ATMS 131 recommended)	3	<i>See Advisor</i>
Social Sciences	See MTA; approved Social Science	3	<i>See Advisor</i>
	See MTA; approved Social Science	3	<i>See Advisor</i>
<b>Computer Science Pathway Courses</b>	CIS 122 Web Internet Technologies	3	CSC 3750
	CIS 125 Principles of Programming Logic	4	BE 1600
	CIS 170 C Programming	3	CSC 1100
	CIS 171 Java Programming	3	CSC 3020
	CIS 230 C++ Programming	3	CSC 2110
	CIS 294 Software Engineering	3	CSC 3XXX
	CIS 111 and 130 (HFC requirements)	6	CSC 1XXX
	MATH 183 Calculus II	5	MAT 2020
	MATH 275 Discrete Mathematics	4	CSC 1500
MATH 280 Calculus III	5	MAT 2030	
<b>Subtotal</b>		<b>70</b>	

**Note:**

- All mathematic courses (MATH) should be completed at HFC before transferring to graduate on time.

**Transfer Credit Summary**

	Credits
Pathway and Michigan Transfer Agreement (MTA)	70



Associate degree requirements and additional electives <i>-See advisor for course recommendations based on associate degree requirements, educational interests, and career goals.</i>	0-3 <i>(remaining CIS courses)</i>
<b>TOTAL TRANSFER CREDITS</b>	<b>70-73 (min.)</b>

**Notes:**

- The range of credit hours (Associate degree requirements and additional electives) allows for earning credentials, such as certificates, or additional transfer credit while completing an associate degree. Some course(s) not included in the pathway may satisfy Wayne State requirements.
- The Michigan Transfer Agreement (MTA), Associate in Arts (AA), or Associate in Science (AS) satisfies Wayne State's University General Education requirements.
- Any courses not completed can be taken at WSU.
- All courses and equivalencies based on catalog year 2026-2027
- Minimum 2.5 GPA overall GPA; 2.5 in science coursework (on a 4.0 scale)

**Wayne State University**

James and Patricia Anderson College of Engineering Bachelor of Science (BS) in Computer Science

Course	Credit	HFC Equivalent
BE 1200 Basic Engineering I: Design in Engineering	3	ENGR 130
BE 2100 Basic Engineering III: Probability and Statistics in Engineering	3	
ENG 3060 Technical Communication II	3	
MAT 2250 Elementary Linear Algebra	3	MATH 283
PHY 2180 University Physics II for Scientists and Engineers	4	PHY 232
CSC 2200 Computer Science II	4	
CSC 3010 Ethics in Computer Science	3	
CSC 3100 Computer Architecture and Organization	4	
CSC 3110 Algorithm Design and Analysis	3	
CSC 4110 Software Engineering	4	
CSC 4420 Computer Operating Systems	4	
CSC 4500 Introduction to Theoretical Computer Science	3	
CSC 4710 Introduction to Database Management Systems	3	
CSC 4996 Senior Capstone Project	4	
CSC 3000-level (see WSU advisor)	6-8	
<b>Total Credits</b>	<b>54-56</b>	

**Wayne State credit summary** -minimum 120 credits required for BS degree

	Credits
Major	54-56
<b>TOTAL WAYNE STATE CREDITS</b>	<b>54 (30 min.)</b>
<b>TOTAL WAYNE STATE and TRANSFER CREDITS</b>	<b>124-129 (120 min.)</b>

**Notes:**

- **These pathways do not replace the importance of academic advising. The pathway provides a general roadmap to degree completion.**
- You can review how all courses transfer using the [course equivalency tool](https://wayne.edu/transfer/tess). For a self-service, customized WSU degree audit, please visit <https://wayne.edu/transfer/tess>
- Wayne State requires a minimum of 30 credits in residency.
- The pathway allows multiple associate degree options with the flexibility to customize your degree path. The minimum eligibility to participate in the Wayne State Transfer Pathways is a cumulative



GPA of 2.75 or above, Michigan Transfer Agreement (MTA), and an associate degree (earned or Reverse Transfer). See [transfer credit guidelines](#).

- All college-level (non-developmental), non-duplicated courses with a 2.0 (C) grade point average (GPA) or above will be considered for transfer credit. Earned credit will transfer as 1) direct course equivalency, 2) major/department credit, or 3) elective credit. Credits not earned at the community college will need to be taken at WSU.
- The Institutional Articulation for Transfer Pathway was signed October 10, 2025.

**Transfer Pathway Agreement**

This Pathway shall become effective upon execution by both Parties and shall remain in effect until one Party terminates in accordance with the Institutional Articulation Agreements for Transfer Pathways Agreement. The Pathway will be reviewed annually by both Parties for curriculum and other required updates. This Pathway shall abide by all language of the Institutional Articulation Agreement for Transfer Pathways between Henry Ford College and Wayne State University.

**Signatures**


The signatories below warrant they are authorized to enter into this Transfer Pathway Agreement on behalf of their respective Parties as defined by the Institutional Articulation Agreement for Transfer Pathways between Henry Ford College and Wayne State University.

**Wayne State University**

**Ali Abolmaali**

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Date: 2026.05.28 08:11:49 -04'00'

Ali Abolmaali, Ph.D., Dean, James and Patricia Anderson College of Engineering

Henry Ford College  
  
6/15/26

Michael Nealon, Ph.D., Vice President of Academic Affairs

**Farshad Fotouhi**

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Date: 2026.06.01 12:19:24 -04'00'

Farshad Fotouhi, Ph.D. Professor and Interim Chair, Computer Science