

Articulation Agreement
Between
Wayne State University & Macomb Community College
Linking Macomb Community College's
Associate of Applied Science in Information Technology - Programming

With Wayne State University
College of Engineering
Bachelor of Science in Computer Science

This agreement made this 1st day of August, 2018 is by and between Wayne State University (*WSU*) and Macomb Community College.

Wayne State University and Macomb Community College wish and intend by this Agreement to set forth the terms and conditions of engaging in an educational program, to facilitate the transfer of students who earn an Associate of Applied Science in Information Technology Programming from Macomb Community College to complete a Bachelor of Science in Computer Science (BS) from Wayne State University, College of Engineering.

Article I
Agreement on Program Integrity

WSU and *Macomb Community College* will maintain the integrity of their separate programs and enter into this agreement as equal and cooperating partner institutions.

Article II
Agreement on Principle

This agreement between *WSU* and *Macomb Community College* is intended to provide a smooth and seamless curriculum transition for Macomb Community College students that transfer to Wayne State to earn a bachelor degree from the College of Engineering. The agreement is designed for students who follow a prescribed plan of study leading to the Associate of Applied Science in Information Technology Programming. The credits transferred from the Associate of Applied Science in Information Technology Programming, as outlined in the appendices to this document, will be included in the total credit hours required for the Wayne State University baccalaureate degree. All other standard admission, curriculum, and graduation requirements of *Macomb Community College* and *WSU* must also be met.

Article III
Agreement of Program Articulation

Macomb Community College and *WSU* agree that any student, who has earned the aforementioned Associate of Applied Science in Information Technology Programming, may transfer the credits from their program to the College of Engineering at Wayne State University toward the BS, as outlined in the attached appendices.

This agreement specifically allows the transfer of up to ninety-one (91) credits for the BS program from *Macomb Community College* to *WSU*. This is beyond the currently stipulated sixty-four (64) credits, and was approved by the WSU Board of Governors. The purpose of allowing Macomb Community students to transfer additional credits is to enable them to complete the Macomb associate's degree and the WSU BS program at the WSU Main Campus or the ATEC Campus.

The Bachelor's degree requirements for students who follow this articulation agreement are outlined in Attachment A.

**Article IV
Agreement on Student Support**

WSU and *Macomb Community College* agree to track the progress and success of articulation participants. Responsibility for this tracking rests with the College of Engineering, Department of Computer Science. A mechanism is in place to track and report on *Macomb Community College* students' use of this Articulation.

**Article V
Agreement on Communication**

Macomb Community College and *WSU* agree to cooperate in communication with each other and with common and respective publics concerning the established relationships between the two institutions. Communication will include the development of various kinds of publications to inform those who might benefit from the opportunities provided by this articulation agreement. The appropriate faculty and staff in both institutions will share the information in this agreement with interested and qualified students. Both institutions will provide academic advising to students and prospective students. Joint efforts in marketing the program and student recruiting will be pursued.

WSU and *Macomb Community College* further agree to communicate annually concerning curriculum changes that may affect the agreed upon program relationship. Responsibility for communication related to this agreement will rest with the individuals appointed under Article VI.

Article VI
Agreement and Review Body Procedures

Each institution will appoint one or more faculty administrators to act as agents for the implementation of this agreement, and communicate changes to respective faculty members, advisors, and others to whom the information is pertinent. Responsibility for the oversight of this agreement rests with the Office of Articulation & Transfer at *Macomb Community College* and with the College of Engineering at *WSU*.

Article VII
Regarding Independent Relationship

In the performance of their respective duties and obligations under this Agreement, each party is an independent contractor and neither is the agent, employee, or servant of the other, and each is responsible only for its own conduct. Each institution is solely responsible for the development and design of its own curriculum. Changes on the part of either party will/may necessitate review of this document.

Article VIII
Agreement not to Discriminate

Each party covenants and agrees that it does not discriminate on the basis of race, creed, color, age, sex, or national origin and it complies with the Americans with Disabilities Act of 1990, and that it does not discriminate on the basis of “physical or mental handicap” except where there exists a bona fide academic qualification.

Each party shall be separately responsible for compliance with all federal and state laws, including nondiscrimination laws and all applicable sections of the Michigan Handicapper’s Civil Rights Act. Illegal discrimination by either party may be considered a material breach of this Agreement.

Article IX
Entire Agreement

This Agreement constitutes the entire agreement between the parties, and all prior discussions, agreements, and understandings, whether verbal or in writing, are hereby merged into this Agreement.

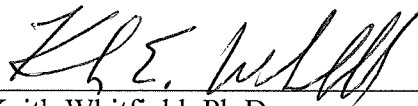
Article X
Amendment/Modifications/or Terminations Provision

Macomb Community College and *WSU* agree to the terms of this Agreement. No amendment or modification to this Agreement, including any modification or amendment of this paragraph, shall be effective unless the same is in writing and signed by all parties or their Successors.

This cooperative arrangement will be in effect beginning August 1, 2018 and will be subject to review for continuance after a period of three (3) years. Renewal will be for three years unless either party notifies the other in writing by December 31 of the year preceding the last year of the agreement of their intention to renegotiate or of non-renewal of this agreement.

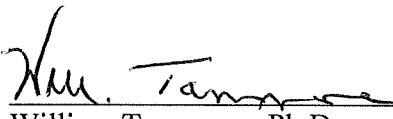
This Agreement is effective beginning August 1, 2018, upon approval by *WSU* and *Macomb Community College* and shall remain in effect unless terminated by either party providing six months advance written notice. In the event that this Agreement must be terminated, all students currently enrolled in the program shall be allowed to complete the program as described.

Signatories for Wayne State University:

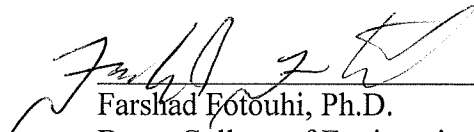


Keith Whitfield, Ph.D.
Provost

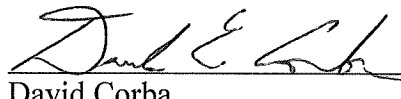
Signatories for Macomb Community College:



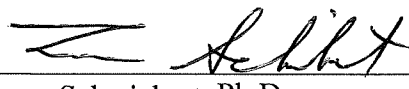
William Tammone, Ph.D.
Provost and Vice President for the Learning Unit



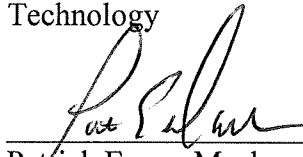
Farshad Fotouhi, Ph.D.
Dean, College of Engineering



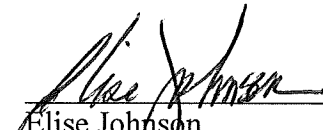
David Corba
Dean of Business and Information Technology



Loren Schwiebert, Ph.D.
Chair, Computer Science Department



Patrick Evans-Mach
Associate Dean, Business and Information Technology



Elise Johnson
Associate Dean, Business and Information Technology

Date: 9/13/18

Date: 9/13/18

FORM APPROVED
09 MAR 2018
OFFICE OF THE
GENERAL COUNSEL

**Macomb Community College:
Associate of Applied Science
Information Technology – Programming**

**Wayne State University:
Bachelor of Science in Computer Science**

Articulated Program: Students who have declared this program on their student record are following a formal agreement between Wayne State University and Macomb Community College which will allow for required courses and credit hours to be applied toward the major at Wayne State University.

Macomb Coursework – Before Transfer:

Core Requirements for AAS Information Technology - Programming	46 Hrs
ITCS 1010: Computer & Information Processing Principles	4
ITCS 1140: Introduction to Program Design & Development	4
ITCS 1170: Database Design & Implementation with SQL & XML	4
ITWP 1000: Introduction to Web Programming	3
BUSN 1010: Business Enterprise	3
BCOM 2070: Technical Business Communication & Project management Principles	3
ITWP 2400 - Web Programming with XML	3
ITNT 1500 - Principles of Networking	4
ITCS 2830 - Applications Implementation & Testing	4
C++ Track:	4
ITCS 2530: C++ Programming 1	4
ITCS 2550: C++ Programming 2 (Equivalent to WSU's CSC 2110/2111)	3
ITCS 2000 - Game Programming in Direct X with C++	4
Select one: ITCS 2140 <i>or</i> ITCS 2520	3

<p>General Education Requirement: Note: this program follows the Michigan Transfer Agreement (MTA). Students who complete the MTA will satisfy general education requirements for Wayne State University. Students who do not receive the MTA endorsement must still satisfy all general education requirements for Wayne State University. Meet wit a MCC academic advisor or counselor for course planning or for additional information visit: macomb.edu/transfer</p>	30-37 Hrs
<p>English Composition—2 courses: ENGL 1180 <i>or</i> ENGL 1210</p> <p>BCOM 2050 Business Communications</p>	<p>3-4 hrs</p> <p>4 hrs</p>
<p>Humanities & Fine Arts—2 courses : Any ARAB; ARTT 1620, 1625, 2650, 2660; Any CHIN; ENGL 1730, 2410, 2420, 2510, 2520, 2600, 2610, 2640, 2710, 2720, 2730, 2800, 2810, 2850; Any FREN; Any GRMN; Any HUMN; INTL 2000, 2300, 2800; Any ITAL; MUSC 1030, 1050, 1060, 1070, 1160, 1170, 2080, 2180, 2710, 2720; Any PHIL; Any SPAN*</p>	6-7 hrs
<p>Mathematics—1 course: MATH 1760</p>	4 hrs
<p>Natural Sciences with at least 1 Lab—2courses: Select both: PHYS 2220 Analytical Physics 1 PHYS 2230 Analytical Physics 2</p>	10 hrs
<p>Social Sciences—2 courses from different subject areas: Any ANTH; any ECON, any GEOG; any HIST; INTL 2010, 2500, 2700; any POLS; any PSYC; any SOCY</p>	6-7 hrs
<p>An additional course from the above lists may need to be taken to reach to 30 credit minimum per MTA requirements. Students may also meet the WSU general education and proficiency requirements without following the MTA plan. These students will need to speak to a WSU academic advisor to have their transcripts evaluated.</p>	

Additional Requirements to be taken at Macomb or WSU	15 Hrs
MATH 1770 Analytic Geometry & Calculus 2	4
MATH 2760 Analytic Geometry & Calculus 3	4
MATH 2000 Introduction to Linear Algebra	3
MATH 2200 (GSC 1500/1501 @ WSU)	4

Wayne State University Coursework – After Transfer:

Computer Science Major Requirements for BS	41 Hrs
BE 2100: Basic Engineering III: Probability and Statistics in Engineering	3
CSC 2200: Computer Science II	3
CSC 2201: Computer Science II – Lab	1
CSC 3010: Computer Ethics	3
CSC 3020: Java Programming	3
CSC 3100: Computer Architecture and Organization	3
CSC 3101: Computer Architecture and Organization – Lab	3
CSC 3110: Algorithm Design and Analysis	1
CSC 4110: Software Engineering	3
CSC 4111: Software Engineering - Lab	1
CSC 4420: Computer Operating Systems	3
CSC 4421: Computer Operating Systems - Lab	1
CSC 4500: Introduction to Theoretical Computer Science	3
CSC 4710: Introduction to Database Management Systems	3
CSC 4996: Senior Project and Computer Ethics	3
CSC 4997: Senior Project Lab	1
ENG 3060 Technical Communication II	3

Minimum Macomb College Credits = 91	Minimum Wayne State University Credits = 41
Total Credits for Bachelor of Science in Computer Science = 132	

Important Information:

1. All content is for informational purposes and is designed to be used as a tool to assist students with transfer information, but should not be used for self-advising. Meet with an academic advisor to ensure all requirements are being met for this articulation.
2. MCC and WSU reserve the right to make any necessary changes to courses, provisions, or transfer requirements without notice.
3. It is the responsibility of the student to be aware of changes that affect their articulation plan. It is strongly recommended that you visit with an academic advisor both at MCC and WSU simultaneously each semester throughout the course of the program.
4. For further information, please contact Colleen McKenney via telephone at (313) 577-2477, or email to cmckenney@wayne.edu.