

Articulation Agreement

Between

Wayne State University & Schoolcraft College

*Linking Schoolcraft College, Associate in Applied Science
With Wayne State's Bachelor of Science, Engineering Technology*

This agreement is made between Wayne State University (WSU) and Schoolcraft College (SC).

Wayne State University and Schoolcraft 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 in Applied Science degree or enrolled at Schoolcraft College in either Computer Aided Drafting (AAS-CAD), Manufacturing (AAS-MFG) or Electronic Technology (AAS-ELECT) programs to complete a Bachelor of Science in Mechanical Engineering Technology (BS-MCT), Electrical/Electronic Engineering Technology (BS-EET), Electromechanical Engineering Technology (BS-EMT), Electric Transportation Technology (BS-ETT), or Computer Technology (BS-CT) from Wayne State University.

Article I

Agreement on Program Integrity

WSU and SC 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 SC is intended to provide a smooth and seamless curriculum transition for SC students that transfer to WSU to earn a bachelor degree from the Division of Engineering Technology in the College of Engineering. The agreement is designed for students who follow a prescribed plan of study leading to an Associate in Applied Science in the programs listed above. The credits transferred from the Associate in Applied Science, as outlined in the appendices to this document, will be included in the total credit hours required for the WSU baccalaureate degree. All other standard admission, curriculum, and graduation requirements of SC and WSU must also be met.

Article III

Agreement of Program Articulation

SC and WSU agree that any student, who has earned the aforementioned Associate in Applied Science, may transfer the credits from their program to the Division of Engineering Technology at WSU toward the Bachelor of Science degree in the aforementioned majors.

This agreement specifically allows the transfer of up to ninety (90) credits (depending upon bachelor degree program selected) from SC 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 Schoolcraft students to transfer additional credits is to enable them to complete the Bachelor of Science degree either at the Livonia, SC campus or on the Main 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 SC agree to track the progress and success of articulation participants. Responsibility for this tracking rests with the Department of Engineering Technology at Wayne State. A mechanism will be developed to track and report on Schoolcraft students' use of this Articulation.

Article V Agreement on Communication

SC 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 counseling to students and prospective students. Joint efforts in marketing the program and student recruiting will be pursued.

WSU and SC 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 Advising & Partnerships at Schoolcraft College and with the Chair of the Division of Engineering Technology 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

SC 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 immediately upon signature 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 immediately upon approval by WSU and SC 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.


This agreement is in effect February 2014 until February 2017 or until termination as specified above.


Signatories for Wayne State University:


Signatories for Schoolcraft College:

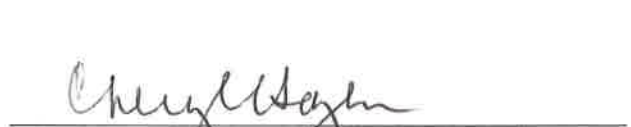

M. Roy Wilson, M.D.
President



Conway A. Jeffress, Ph.D.
President



Margaret E. Winters, Ph.D.
Provost and Senior V.P. for Academic Affairs


Richard Weinkauff, M.S.
Vice President of Instruction


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


Cheryl Hagen, M.A. LPC
Vice President of Student Services


Chih-Ping Yeh, Ph.D.
Chair, Division of Engineering Technology


Robert Leadley, Ph.D., MBA
Dean of Occupational Programs & Economic

6/23/14
Date of Last Signature

APPENDIX A
Articulation Agreement Guide

Schoolcraft College, Associated of Applied Science Degree in Electronic Technology (AAS-ELECT)
Wayne State University, Bachelor of Science in Electrical/Electronic Engineering Technology (BS-EET)

	WSU BS-EET Curriculum		Schoolcraft College AAS-ELECT Transfers	
	Course	Cr		
Math & Science	ET 2160 (CL) Computer Applications for ET	2	CIS211	
	MAT 1800 (MC) Elementary Functions	4	MATH129	
	MAT 3430 Appl Differential & Integral Calculus	4	MATH151	
	MAT 3450 Appl Calculus & Diff Equations	4	MATH252	
	CHM 1020 (PS) General Chemistry	4	CHEM111	
	PHY 2130,1 (LP) General Physics	4	PHYS181	
	PHY 2140,1 (LP) General Physics	4	PHYS182	
Lower Division Technical Courses	EET 2000 Electrical Principles	3	ELECT137 + ELECT138	
	EET 2100 Principle of Digital Design	3	ELECT219	
	EET 2720 Microprocessor Fundamentals	3	ELECT144	
	EET Lower Division Technical	21	Any other ELECT related technical courses	
Upper Division Technical Courses	E T 3850 Reliability & Engineering Statistics	3		
	E T 3870 Engineering Economic Analysis	3		
	E T 5870 Project Management	3		
	EET 3100 Advanced Digital Design	3		
	EET 3150 Network Analysis	4		
	EET 3180 Analog Electronics	4	ELECT139 + ELECT215	
	EET 3500 Electrical Machines & Power Sys	3		
	EET 3720 Micro & Programmable Controllers	3		
	EET 3300 Applied Signal Processing	3		
	EET 4200 Control Systems	4		
	EET Upper Division Tech Elective	3		
	EET Upper Division Tech Elective	3		
	E T 4999 (WI/ST) Senior Project	3		
General Education Courses	(BC) Basic Composition	3	ENG101	
	(IC) Intermediate Writing	3	ENG102	
	(OC) Oral Communication	3	COMA 103	
	(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.	
	(AI) American Society & Institutions	3		
	(SS) Social Science	3		
	(FC) Foreign Culture	3		
	(VP) Visual & Performing Arts	3		
	(PL) Philosophy & Letters	3		
	(LS) Life Science	3		
(CT) Critical Thinking Exam	0			
Total Credit required for BS-EET: 128			Total Schoolcraft College transfer credit applied to BS-EET: 90	

Articulation Agreement Guide

**Schoolcraft College, Associated of Applied Science Degree in Electronic Technology (AAS-ELECT)
Wayne State University, Bachelor of Science in Electromechanical Engineering Technology (BS-EMT)**

		WSU BS-EMT Curriculum		Schoolcraft College AAS-ELECT Transfers	
		Course	Cr		
Math & Science	ET 2160	(CL) Computer Applications for ET	2	CIS211	
	MAT 1800	(MC) Elementary Functions	4	MATH129	
	MAT 3430	Appl Differential & Integral Calculus	4	MATH151	
	MAT 3450	Appl Calculus & Diff Equations	4	MATH252	
	CHM 1020	(PS) General Chemistry	4	CHEM111	
	PHY 2130,1	(LP) General Physics	4	PHYS181	
	PHY 2140,1	(LP) General Physics	4	PHYS182	
Lower Division Technical Courses	EET 2000	Electrical Principles	3	ELECT137 + ELECT138	
	EET 2100	Principle of Digital Design	3	ELECT219	
	EET 2720	Microprocessor Fundamentals	3	ELECT144	
	EET	Lower Division Technical	21	Any other ELECT or MFG related technical courses	
Upper Division Technical Courses	ET 3030	Statics	3		
	ET 3050	Dynamics	3		
	E T 3870	Engineering Economic Analysis	3		
	E T 5870	Project Management	3		
	EET 3150	Network Analysis	4		
	EET 3720	Micro & Programmable Controllers	3		
	EET 3500	Electrical Machines & Power Sys	3		
	EET 4200	Control Systems	4		
	MCT 3010	Instrumentation	3		
	MIT 3500	Manufacturing Processes Lab	1	MFG102	
	EET or MCT	Upper Division Tech Elective	3	ELECT139 + ELECT215	
	EET or MCT	Upper Division Tech Elective	3		
	EET or MCT	Upper Division Tech Elective	3		
E T 4999	(WI/ST) Senior Project	3			
General Education Courses		(BC) Basic Composition	3	ENG101	
		(IC) Intermediate Writing	3	ENG102	
		(OC) Oral Communication	3	COMA 103	
		(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.	
		(AI) American Society & Institutions	3		
		(SS) Social Science	3		
		(FC) Foreign Culture	3		
		(VP) Visual & Performing Arts	3		
		(PL) Philosophy & Letters	3		
		(LS) Life Science	3		
	(CT) Critical Thinking Exam	0			
Total Credit required for BS-EMT: 128					Total Schoolcraft College transfer credit applied to BS-EMT: 90

Articulation Agreement Guide

Schoolcraft College, Associated of Applied Science Degree in Electronic Technology (AAS-ELECT) Wayne State University, Bachelor of Science in Computer Technology (BS-CT)

		WSU BS-CT Curriculum		Schoolcraft College AAS-ELECT Transfers
		Course	Cr	
Math & Science		MAT 1800 (MC) Elementary Functions	4	MATH129
		MAT 3430 Appl Differential & Integral Calculus	4	MATH151
		(PS) Physics Science (PHY1020 recommended)	4	PHYS 123
Lower Division Technical Courses		EET 2100 Principle of Digital Design	3	ELECT219
		EET 2720 Microprocessor Fundamentals	3	ELECT144
		CSC 1100, 1 Problm Solving & Programming + Lab	4	CIS211
		CSC 2110,1 Intro Data Struc & Abstraction + Lab	4	
		CSC 2200,1 Data Struct & Algo Analysis + Lab	4	
		EET or CSC Lower Division Technical	26	Any other ELECTor CIS related technical courses
Upper Division Technical Courses		E T 3850 Reliability & Engineering Statistics	3	
		E T 3870 Engineering Economic Analysis	3	
		EET 3100 Advanced Digital Design	3	
		EET 3720 Micro & Programmable Controllers	3	
		EET4100 Computer Hardware Design	3	
		EET5720 Computer Networking	4	
		CSC 3750 Introduction to Web Technology	3	CIS 185
		CSC 4110,1 Intro. to Software Engineering + Lab	4	
		CSC 4420,1 Computer Operating System + Lab	4	
		CSC 4710 Information System Design	3	
		EET or CSC Upper Division Tech Elective	3	ELECT139 + ELECT215
		EET or CSC Upper Division Tech Elective	3	
		E T 4999 (WI/ST) Senior Project	3	
General Education Courses		(BC) Basic Composition	3	ENG101
		(IC) Intermediate Writing	3	ENG102
		(OC) Oral Communication	3	COMA 103
		(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.
		(AI) American Society & Institutions	3	
		(SS) Social Science	3	
			3	
		(VP) Visual & Performing Arts	3	
		(PL) Philosophy & Letters	3	
		(LS) Life Science	3	
		3		
	(CT) Critical Thinking Exam	0		
		3		
Total Credit required for BS-CT: 128				Total Schoolcraft College transfer credit applied to BS-CT: 84

Articulation Agreement Guide

**Schoolcraft College, Associated of Applied Science Degree in Electronic Technology (AAS-ELECT)
Wayne State University, Bachelor of Science in Electric Transportation Technology (BS-ETT)**

	WSU BS-ETT Curriculum		Schoolcraft College AAS-ELECT Transfers	
	Course	Cr		
Math & Science	ET 2160 (CL) Computer Applications for ET	2	CIS211	
	MAT 1800 (MC) Elementary Functions	4	MATH129	
	MAT 3430 Appl Differential & Integral Calculus	4	MATH151	
	MAT 3450 Appl Calculus & Diff Equations	4	MATH252	
	CHM 1020 (PS) General Chemistry	4	CHEM111	
	PHY 2130,1 (LP) General Physics	4	PHYS181	
	PHY 2140,1 (LP) General Physics	4	PHYS182	
Lower Division Technical Courses	EET 2100 Principle of Digital Design	3	ELECT219	
	EET 2720 Microprocessor Fundamentals	3	ELECT144	
	ETT Lower Division Technical	24	Any other ELECT or MFG related technical courses	
Upper Division Technical Courses	E T 5870 Engineering Project Management	3		
	EET 3100 Advanced Digital Design	3		
	EET 3150 Network Analysis	4		
	EET 3720 Micro & Programmable Controllers	3		
	ETT 3190 Fundamental of Automotive Electric and Electronic Systems	3		
	ETT 3500 Electric Machine Design and Application for Automotive	3		
	ETT 4150 Fundamental of Hybrid & Electric Vehicles	3		
	ETT 4200 Control Systems for Electric and Hybrid Electric Vehicles	4		
	ETT 4310 Energy Story Systems for Electric and Hybrid Electric Vehicles	3		
	ETT 4650 Power Electronic & Charging Systems	3		
	Upper Division Tech Elective	3	ELECT139 + ELECT215	
	Upper Division Tech Elective	4		
E T 4999 (WI/ST) Senior Project	3			
General Education Courses	(BC) Basic Composition	3	ENG101	
	(IC) Intermediate Writing	3	ENG102	
	(OC) Oral Communication	3	COMA 103	
	(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.	
	(AI) American Society & Institutions	3		
	(SS) Social Science	3		
	(FC) Foreign Culture	3		
	(VP) Visual & Performing Arts	3		
	(PL) Philosophy & Letters	3		
	(LS) Life Science	3		
(CT) Critical Thinking Exam	0			
Total Credit required for BS-ETT: 128				Total Schoolcraft College transfer credit applied to BS-ETT: 89

Articulation Agreement Guide

Schoolcraft College, Associated of Applied Science in Computer Aided Design/Drafting (AAS-CAD) Wayne State University, Bachelor of Science in Mechanical Engineering Technology (BS-MCT) – Design Track

	WSU BS-MCT (Design Track) Curriculum		Schoolcraft College AAS-CAD Transfers	
	Course	Cr		
Math & Science	ET 2160 (CL) Computer Applications for ET	2	CIS 211	
	MAT 1800 (MC) Elementary Functions	4	MATH 129	
	MAT 3430 Appl Differential & Integral Calculus	4	MATH 151	
	MAT 3450 Appl Calculus & Diff Equations	4	MATH 252	
	CHM 1020 (PS) General Chemistry	4	CHEM 111	
	PHY 2130,1 (LP) General Physics	4	PHYS 181	
	PHY 2140,1 (LP) General Physics	4	PHYS 182	
Lower Division Technical Courses	ET 2140 Computer Graphics	3	CAD 103	
	ET 2200 Engineering Materials	3	MET 114	
	EET 2000 Electrical Principles	3	ELECT 137 + ELECT 138	
	MCT/MIT Lower Division Technical	21	Any other CAD related technical courses	
Upper Division Technical Courses	E T 3030 Statics	3		
	E T 3050 Dynamics	3		
	E T 3850 Reliability & Engineering Statistics	3		
	E T 3870 Engineering Economic Analysis	3		
	E T 5870 Project Management	3		
	E T 4999 (WI/ST) Senior Project	3		
	MIT 3500 Manufacturing Processes Lab	1	MFG102	
	MCT 3010 Instrumentation	3		
	MCT 3100 Mechanics of Materials	3		
	MCT 3410 Kinematics & Dynamics of Machine	3		
	MCT 4150 Applied Thermodynamics	3		
	MCT 4400 Design of Machine Elements	3		
	MCT/MIT Upper Division Elective	2	MFG105 (MIT3520)	
	MCT/MIT Upper Division Elective	3		
	MCT/MIT Upper Division Elective	3		
General Education Courses	(BC) Basic Composition	3	ENG101	
	(IC) Intermediate Writing	3	ENG102	
	(OC) Oral Communication	3	COMA 103	
	(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.	
	(AI) American Society & Institutions	3		
	(SS) Social Science	3		
	(FC) Foreign Culture	3		
	(VP) Visual & Performing Arts	3		
	(PL) Philosophy & Letters	3		
	(LS) Life Science	3		
(CT) Critical Thinking Exam	0			
Total Credit required for BS-EET: 128				Total Schoolcraft College transfer credits applied to BS-MCT: 89

Articulation Agreement Guide:

Schoolcraft College, Associated of Applied Science in Computer Aided Design/Drafting (AAS-CAD) Wayne State University, Bachelor of Science in Mechanical Engineering Technology (BS-MCT) - Manufacturing Track

	WSU BS-MCT (Manufacturing Track) Curriculum		Schoolcraft College AAS-MFG Transfers			
	Course	Cr				
Math & Science	ET 2160 (CL) Computer Applications for ET	2	CIS 211			
	MAT 1800 (MC) Elementary Functions	4	MATH 129			
	MAT 3430 Appl Differential & Integral Calculus	4	MATH 151			
	MAT 3450 Appl Calculus & Diff Equations	4	MATH 252			
	CHM 1020 (PS) General Chemistry	4	CHEM 111			
	PHY 2130,1 (LP) General Physics	4	PHYS 181			
	PHY 2140,1 (LP) General Physics	4	PHYS 182			
Lower Division Technical Courses	ET 2140 Computer Graphics	3	CAD 103			
	ET 2200 Engineering Materials	3	MET 114			
	EET 2000 Electrical Principles	3	ELECT 137 + ELECT 138			
	MCT/MIT Lower Division Technical	21	Any other CAD related technical courses			
Upper Division Technical Courses	E T 3030 Statics	3				
	E T 3050 Dynamics	3				
	E T 3850 Reliability & Engineering Statistics	3				
	E T 3870 Engineering Economic Analysis	3				
	E T 5870 Project Management	3				
	MCT 3010 Instrumentation	3				
	MIT 3500 Manufacturing Processes Lab	1	MFG 102			
	MIT 3520 Manufacturing Processes Lecture	2	MFG 105			
	MIT 3600 Process Engineering	3				
	MIT 4700 Computer Aided Manufacturing	3				
	MIT 4800 Statistical Quality Control	4				
	MCT/MIT Upper Division Tech Electives	2				
	MCT/MIT Upper Division Tech Electives	3				
	MCT/MIT Upper Division Tech Electives	3				
ET 4999 Senior Project	3					
General Education Courses	(BC) Basic Composition	3	ENG 101			
	(IC) Intermediate Writing	3	ENG 102			
	(OC) Oral Communication	3	COMA 103			
	(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.			
	(AI) American Society & Institutions	3				
	(SS) Social Science	3				
	(FC) Foreign Culture	3				
	(VP) Visual & Performing Arts	3				
	(PL) Philosophy & Letters	3				
	(LS) Life Science	3				
(CT) Critical Thinking Exam	0					
Total Credit required for BS-MCT: 128					Total Schoolcraft College transfer credit applied to BS-MCT: 89	

Articulation Agreement Guide

Schoolcraft College, Associated of Applied Science in Advanced Manufacturing (AAS-MFG) Wayne State University, Bachelor of Science in Mechanical Engineering Technology (BS-MCT) – Design Track

	WSU BS-MCT (Design Track) Curriculum		Schoolcraft College AAS-MFG Transfers	
	Course	Cr		
Math & Science	ET 2160 (CL) Computer Applications for ET	2	CIS 211	
	MAT 1800 (MC) Elementary Functions	4	MATH 129	
	MAT 3430 Appl Differential & Integral Calculus	4	MATH 151	
	MAT 3450 Appl Calculus & Diff Equations	4	MATH 252	
	CHM 1020 (PS) General Chemistry	4	CHEM 111	
	PHY 2130,1 (LP) General Physics	4	PHYS 181	
	PHY 2140,1 (LP) General Physics	4	PHYS 182	
Lower Division Technical Courses	ET 2140 Computer Graphics	3	CAD 103	
	ET 2200 Engineering Materials	3	MET 114	
	EET 2000 Electrical Principles	3	ELECT 137 + ELECT 138	
	MCT/MIT Lower Division Technical	21	Any other MFG related technical courses	
Upper Division Technical Courses	E T 3030 Statics	3		
	E T 3050 Dynamics	3		
	E T 3850 Reliab & Engg Statistics	3		
	E T 3870 Engg Economic Analysis	3		
	E T 5870 Project Management	3		
	E T 4999 (WI/ST) Senior Project	3		
	MIT 3500 Manufacturing Processes Lab	1	MFG102	
	MCT 3010 Instrumentation	3		
	MCT 3100 Mechanics of Materials	3		
	MCT 3410 Kinematics & Dynamics of Machine	3		
	MCT 4150 Applied Thermodynamics	3		
	MCT 4400 Design of Machine Elements	3		
	MCT/MIT Upper Division Elective	2	MFG105 (MIT3520)	
	MCT/MIT Upper Division Elective	3		
MCT/MIT Upper Division Elective	3			
General Education Courses	(BC) Basic Composition	3	ENG101	
	(IC) Intermediate Writing	3	ENG102	
	(OC) Oral Communication	3	COMA 103	
	(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.	
	(AI) American Society & Institutions	3		
	(SS) Social Science	3		
	(FC) Foreign Culture	3		
	(VP) Visual & Performing Arts	3		
	(PL) Philosophy & Letters	3		
	(LS) Life Science	3		
(CT) Critical Thinking Exam	0			
Total Credit required for BS-MCT: 128				Total Schoolcraft College transfer credits applied to BS-MCT: 89

Articulation Agreement Guide

Schoolcraft College, Associated of Applied Science in Advanced Manufacturing (AAS-MFG) Wayne State University, Bachelor of Science in Mechanical Engineering Technology (BS-MCT) – Manufacturing Track

	WSU BS-MCT (Manufacturing Track) Curriculum		Schoolcraft College AAS-MFG Transfers	
	Course	Cr		
Math & Science	ET 2160 (CL) Computer Applications for ET	2	CIS 211	
	MAT 1800 (MC) Elementary Functions	4	MATH 129	
	MAT 3430 Appl Differential & Integral Calculus	4	MATH 151	
	MAT 3450 Appl Calculus & Diff Equations	4	MATH 252	
	CHM 1020 (PS) General Chemistry	4	CHEM 111	
	PHY 2130,1 (LP) General Physics	4	PHYS 181	
	PHY 2140,1 (LP) General Physics	4	PHYS 182	
Lower Division Technical Courses	ET 2140 Computer Graphics	3	CAD 103	
	ET 2200 Engineering Materials	3	MET 114	
	EET 2000 Electrical Principles	3	ELECT 137 + ELECT 138	
	MCT/MIT Lower Division Technical	21	Any other MFG related technical courses	
Upper Division Technical Courses	E T 3030 Statics	3		
	E T 3050 Dynamics	3		
	E T 3850 Reliability & Engineering Statistics	3		
	E T 3870 Engineering Economic Analysis	3		
	E T 5870 Project Management	3		
	MCT 3010 Instrumentation	3		
	MIT 3500 Manufacturing Processes Lab	1	MFG 102	
	MIT 3520 Manufacturing Processes Lecture	2	MFG 105	
	MIT 3600 Process Engineering	3		
	MIT 4700 Computer Aided Manufacturing	3		
	MIT 4800 Statistical Quality Control	4		
	MCT/MIT Upper Division Tech Electives	2		
	MCT/MIT Upper Division Tech Electives	3		
MCT/MIT Upper Division Tech Electives	3			
ET 4999 Senior Project	3			
General Education Courses	(BC) Basic Composition	3	ENG 101	
	(IC) Intermediate Writing	3	ENG 102	
	(OC) Oral Communication	3	COMA 103	
	(HS) Historical Studies	3	Students transferring to WSU that satisfy either MACRAO or the Michigan Transfer Agreement (MTA) will satisfy all the requirements to the left. Students must still satisfy the above courses , which are MACRAO and MTA-supported, in order to satisfy the ABET accreditation requirements.	
	(AI) American Society & Institutions	3		
	(SS) Social Science	3		
	(FC) Foreign Culture	3		
	(VP) Visual & Performing Arts	3		
	(PL) Philosophy & Letters	3		
	(LS) Life Science	3		
(CT) Critical Thinking Exam	0			
Total Credit required for BS-MCT: 128				Total Schoolcraft College transfer credits applied to BS-MCT: 89