



We strongly encourage all transfer students to complete WSU’s general education requirements through the Michigan Transfer Agreement (MTA) by taking the MTA-approved courses at their respective community college:

<http://www.schoolcraft.edu/academics/michigan-transfer-agreement>

**Major Requirements**

There are five major programs under Engineering Technology at WSU:

- Bachelor of Science in Construction Management (BS-CM)
- Bachelor of Science in Computer Technology (BS-CT)
- Bachelor of Science in Electrical/Electronic Engineering Technology (BS-EET)
- Bachelor of Science in Electromechanical Engineering Technology (BS-EMT)
- Bachelor of Science in Mechanical Engineering Technology (BS-MCT)

Transfer Students may take the transferable courses in the tables below for the major of their interest before transferring to WSU. Please remember that **no more than 64 credits from a two-year school will apply toward a Wayne State University degree**, so students may pick and choose which course they would like to transfer over.

**Table Guide:**

- **BOLDED courses can be fulfilled as part of the MTA.**
- \*Only **ONE** Math course is fulfilled by the MTA. Student would need to take all math courses for the major requirement, but only one of them will be counted to fulfill MTA.
- \*\* Please refer to WSU’s transfer guide, or consult with a WSU ET advisor before taking these classes  
<https://wayne.edu/transfercredit/>
- \*\*\* Direct equivalent is PHI 2320 at WSU, but ET accepts this course to fulfill PHI 1120 at WSU.

**Bachelor of Science in Construction Management (BS-CM)**

	WSU Course (BS-CM Curriculum)	Schoolcraft Equivalent Courses
Math & Science	<b>MAT 1800 (QE) Elementary Functions</b>	<b>*MATH 129</b>
	<b>MAT 3430 Appl Differential &amp; Integral Calculus</b>	<b>*MATH 150</b>
	<b>CHM 1020 (NSI) General Chemistry</b>	<b>CHEM 104</b>
	<b>PHY 2130,1 (NSI) Physics for Life Science I + Lab</b>	<b>PHYS 181</b>
Business & Management	<b>ECO 2020 (SI) Principles of Macroeconomics</b>	<b>ECON 201</b>
	<b>PHI 1120 (CI) Professional Ethics</b>	<b>***PHIL 277</b>
	Business Management Electives	**See (1) below
Lower Div Tech Transfer	ET 2140 Introduction 2D & 3D CAD	CAD103
	Lower Division Technical Electives	**See (3) below
Additional requirements	ENG 3050 (IC) Intermediate Composition	ENG 116

- (1) Most courses at Schoolcraft that are under the subjects of ACCT/BUS would fulfill that category.
- (2) Most courses at Schoolcraft that are under the subjects of BMET/CAD/CGT/CIS/DRFG/ELECT/EMTMFG/MET/ROBAT/WELD would fulfill that category

## Bachelor of Science in Computer Technology (BS-CT)

	WSU Course (BS-CT Curriculum)		Schoolcraft Equivalent Courses
Math & Science	<b>MAT 1800</b>	<b>(QE) Elementary Functions</b>	<b>*MATH 129</b>
	<b>MAT 3430</b>	<b>Appl Differential &amp; Integral Calculus</b>	<b>*MATH 150</b>
		<b>(NSI) Natural Science Inquiry</b>	<b>**See (1) below</b>
		<b>(NSI) Natural Science Inquiry Lab</b>	<b>**See (1) below</b>
Lower Division Technical Courses	CSC 1100.1	Problem Solving & Programming	CIS 211+ 221
	EET 2100	Principle of Digital Design	ELECT 219
	EET 2720	Microprocessor Fundamentals	ELECT 144
	EET/CSC	Lower Division Technical	<b>**See (2) below</b>
	EET/CSC	Upper Division Tech Elective	CIS 273
Additional requirements	ENG 3050	(IC) Intermediate Composition	ENG 116
	<b>PHI 1120</b>	<b>(CI) Cultural Inquiry</b>	<b>***PHIL 277</b>
<p>(1) CHEM 104 and PHYS 181 are recommended. Other courses that fulfill the (NSI) attribute plus a 1-credit lab are also allowed.</p> <p>(2) Most courses at Schoolcraft that are under the subject of BMET/CAD/CGT/CIS/DRFG/ELECT/EMTMFG//MET/ROBAT/WELD would fulfill that category</p>			

## Bachelor of Science in Electrical/Electronic Engineering Technology (BS-EET)

	WSU Course (BS-EET Curriculum)		Schoolcraft Equivalent Courses
Math & Science	<b>MAT 1800</b>	<b>(QE) Elementary Functions</b>	<b>*MATH 129</b>
	<b>MAT 3430</b>	<b>Appl Differential &amp; Integral Calculus</b>	<b>*MATH 150</b>
	MAT 3450	Appl Calculus & Diff Equations	<b>**See (1) below</b>
	<b>CHM 1020</b>	<b>(NSI) General Chemistry</b>	<b>CHEM 104</b>
	<b>PHY 2130,1</b>	<b>(NSI) General Physics</b>	<b>PHYS 181</b>
	PHY 2140,1	General Physics	PHYS 182
Lower Division Technical Courses	E T 2160	Computer Applications for ET	CIS 211
	EET 2000	Electrical Principles	ELECT 137+138
	EET 2100	Principle of Digital Design	ELECT 219
	EET 2720	Microprocessor Fundamentals	ELECT 144
	EET	Lower Division Technical	<b>**See (2) below</b>
	EET 3180	Analog Electronics	ELECT 139 + ELECT 215
Additional requirements	ENG 3050	(IC) Intermediate Composition	ENG 116
	<b>PHI 1120</b>	<b>(CI) Cultural Inquiry</b>	<b>***PHIL 277</b>
<p>(1) Students have the option to take MAT3450 (required MAT3430 as prerequisite) at Wayne or MATH252 (required several prerequisites) at Schoolcraft</p> <p>(2) Most courses at Schoolcraft that are under the subjects of BMET/CAD/CGT/CIS/DRFG/ELECT/EMTMFG/MET/ROBAT/WELD would fulfill that category</p>			

## Bachelor of Science in Electromechanical Engineering Technology (BS-EMT)

	WSU Course (BS-EMT Curriculum)	Schoolcraft Equivalent Courses
Math & Science	<b>MAT 1800 (QE) Elementary Functions</b>	<b>*MATH 129</b>
	<b>MAT 3430 Appl Differential &amp; Integral Calculus</b>	<b>*MATH 150</b>
	MAT 3450 Appl Calculus & Diff Equations	**See (1) below
	<b>CHM 1020 (NSI) General Chemistry</b>	<b>CHEM 104</b>
	<b>PHY 2130,1 (NSI) General Physics</b>	<b>PHYS 181</b>
	PHY2140,1 General Physics	PHYS 182
Lower Division Technical Courses	E T 2140 Computer Graphics	See (2)
	E T 2160 Computer Applications for ET	CIS 211
	EET 2000 Electrical Principles	ELECT 137+138
	EET 2100 Principle of Digital Design	ELECT 219
	EET 2720 Microprocessor Fundamentals	ELECT 144
	EET or MCT Lower Division Technical	**See (3) below
	MIT 3500 Manufacturing Processes Lab	MFG 102
Additional requirements	ENG 3050 (IC) Intermediate Composition	ENG 116
	<b>PHI 1120 (CI) Cultural Inquiry</b>	<b>***PHIL 277</b>
<p>(1) MCC students have the option to take MAT3450 at Wayne (required MAT3430 as prerequisite) or MATH252 at Schoolcraft (required several prerequisites).</p> <p>(2) Any one of: CAD100/101/102/106/107/211/221, CAM205, or DSGN250 would fulfill that category</p> <p>(3) Most courses at Schoolcraft that are under the subjects of BMET/CAD/CGT/CIS/DRFG/ELECT/EMTMFG/MET/ROBAT/WELD would fulfill that category</p>		

## Bachelor of Science in Mechanical Engineering Technology (BS-MCT)

	WSU Course (BS-EMT Curriculum)	Schoolcraft Equivalent Courses
Math & Science	<b>MAT 1800 (QE) Elementary Functions</b>	<b>*MATH 129</b>
	<b>MAT 3430 Appl Differential &amp; Integral Calculus</b>	<b>*MATH 150</b>
	MAT 3450 Appl Calculus & Diff Equations	**See (1) below
	<b>CHM 1020 (NSI) General Chemistry</b>	<b>CHEM 104</b>
	<b>PHY 2130,1 (NSI) General Physics</b>	<b>PHYS 181</b>
	PHY 2140,1 General Physics and Lab	PHYS 182
Lower Division Technical Courses	E T 2140 Computer Graphics	**See (2) below
	E T 2160 Computer Applications for ET	CIS 211
	E T 2200 Engineering Materials	MET 103
	EET 2000 Electrical Principles	ELECT 137+138
	MCT/MIT Lower Division Technical	**See (3) below
	MIT 3500 Manufacturing Process Lab	MFG 102
Additional requirements Courses	ENG 3050 (IC) Intermediate Composition	ENG 116
	<b>PHI 1120 (CI) Cultural Inquiry</b>	<b>***PHIL 277</b>
<p>(1) MCC students have the option to take MAT3450 at Wayne (required MAT3430 as prerequisite) or MATH252 at Schoolcraft (required several prerequisites).</p> <p>(2) Any one of: CAD100/101/102/106/107/211/221, CAM205, or DSGN250 would fulfill that category</p> <p>(3) Most courses at Schoolcraft that are under the subjects of BMET/CAD/CGT/CIS/DRFG/ELECT/EMT/MFG/MET/ROBAT/WELD would fulfill that category</p>		

**\*\* This plan is for informational purposes only. The University reserves the right to update this plan at any time without notice\*\***

05/27/2021 MJ