



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.macomb.edu/resources/transfer-articulation/attachments/mta-macrao-course-list.pdf>

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.

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/>

Bachelor of Science in Construction Management (BS-CM)

	WSU Course (BS-CM Curriculum)	MCC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	*MATH 1465 OR 1415+1435
	MAT 3430 Appl Differential & Integral Calculus	*MATH 1760
	CHM 1020 (NSI) General Chemistry	CHEM 1050
	PHY 2130, 1 (NSI) Physics for Life Science I + Lab	PHYS 1180
Business & Management	ECO 2020 (SI) Principles of Macroeconomics	ECON 1160
	PHI 1120 (CI) Professional Ethics	PHIL 2120
	Business Management Electives	**See (1) below
Lower Div Tech Transfer	ET 2140 Introduction 2D & 3D CAD	DRCG 1130
	Soils & Foundations	CIVL 2200
	Lower Division Technical Electives	**See (2) below
Additional requirements	ENG 3050 (IC) Intermediate Composition	BCOM 2050

(1) Most courses at MCC that are under the subjects of ACCT/BUSN/FINC/MKTG/MGMT would fulfill that category.
 (2) Most technical courses or credits from the following subjects: CNST/DRAD/CIVL/SURV/DRCG.

Bachelor of Science in Computer Technology (BS-CT)

	WSU Course (BS-CT Curriculum)	MCC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	*MATH 1465 OR 1415+1435
	MAT 3430 Appl Differential & Integral Calculus	*MATH 1760
	(NSI) Natural Science Inquiry	**See (1) below
	(NSI) Natural Science Inquiry Lab	**See (1) below
Lower Division Technical Courses	CSC 1100.1 Problem Solving & Programming	ITCS 2530
	CSC 2100.1 Computer Science I & Lab	ITCS 2550
	EET 2100 Principle of Digital Design	ELEC 1211
	EET 2720 Microprocessor Fundamentals	ELEC 1221
	EET/CSC Lower Division Technical	**See (2) below
Additional requirements	CSC 3750 Introduction to Web Technology	ITWP 1000
	ENG 3050 (IC) Intermediate Composition	BCOM2050
	PHI 1120 (CI) Cultural Inquiry	PHIL2120
<p>(1) CHEM 1050 and PHYS 1180 are recommended. Other courses that fulfill the (NSI) attribute plus a 1-credit lab are also allowed.</p> <p>(2) Most technical courses under <i>ATAM, ATAP, ATDD, ATEM, ATPP, ATRA, ATSS, ATTR, ATWD, AUTO, CLCT, CORE, DRAD, DRCG, ELEC, ENGR, ITAP, ITBS, ITCS, ITIA, ITNC, ITNT, ITOS, ITWP, MACA, MECT, PRDE, QUAL, RNEW, ROBO, are transferable.</i></p>		

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

	WSU Course (BS-EET Curriculum)	MCC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	* MATH 1465 OR 1415+1435
	MAT 3430 Appl Differential & Integral Calculus	*MATH 1760
	CHM 1020 (NSI) General Chemistry	CHEM 1050
	PHY 2130,1 (NSI) General Physics	PHYS 1180
	PHY 2140, 1 General Physics	PHYS 1190
Lower Division Technical Courses	ET 2160 Computer Applications for ET	ITCS 2530
	EET 2000 Electrical Principles	ELEC 1161 + ELEC1171 or MECT 1141
	EET 2100 Principle of Digital Design	ELEC 1211
	EET 2720 Microprocessor Fundamentals	ELEC 1221
	EET Lower Division Technical	**See below
	EET 3180 Analog Electronics	ELEC 2005 + ELEC 2490
Additional requirements	ENG 3050 (IC) Intermediate Composition	BCOM 2050
	PHI 1120 (CI) Cultural Inquiry	PHIL 2120
<p>** Any other technical courses or credits in <i>ATAM, ATAP, ATBC, ATDD, ATEM, ATFP, ATMT, ATPP, ATRA, ATSS, ATTR, ATWD, AUTO, CIVL, CLCT, CORE, DRAD, DRCG, ELEC, ENGR, MACA, MECT, PRDE, QUAL, RNEW, ROBO, SURV</i></p>		

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

	WSU Course (BS-EMT Curriculum)	MCC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	* MATH 1465 OR 1415+1435
	MAT 3430 Appl Differential & Integral Calculus	*MATH 1760
	MAT 3450 Appl Calculus & Diff Equations	**See (1) below
	CHM 1020 (NSI) General Chemistry	CHEM 1050
	PHY2130, 1 (NSI) General Physics	PHYS 1180
	PHY2140 ,1 General Physics	PHYS 1190
Lower Division Technical Courses	ET 2140 Computer Graphics	**See (2) below
	ET 2160 Computer Applications for ET	ITCS 2530
	EET 2000 Electrical Principles	ELEC 1161 + ELEC 1171 or MECT 1141
	EET 2100 Principle of Digital Design	ELEC 1211
	EET 2720 Microprocessor Fundamentals	ELEC 1221
	EET or MCT Lower Division Technical	**See (3) below
	MIT 3500 Manufacturing Processes Lab	ATMT 1150 or 1160
Additional requirements	ENG 3050 (IC) Intermediate Composition	BCOM 2050
	PHI 1120 (CI) Cultural Inquiry	PHIL 2120

- (1) MCC students have the option to take MAT 3450 at Wayne (required MAT 3430 as prerequisite) or MATH 2770 at Macomb (required several prerequisites).
- (2) Any one of: *ATAP 2010, ATAP 2030, ATAP 2350, ATAP 2360, ATAP 2370, DRCG 1140, PRDE 1400, PRDE 1410, PRDE 1450, PRDE 1475, PRDE 1520, PRDE 1620, PRDE 2520, PRDE 2620*
- (3) Any other technical courses or credits in *ATAM, ATAP, ATBC, ATDD, ATEM, ATFP, ATMT, ATPP, ATRA, ATSS, ATTR, ATWD, AUTO, CIVL, CLCT, CORE, DRAD, DRCG, ELEC, ENGR, MACA, MECT, PRDE, QUAL, RNEW, ROBO, SURV*

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

	WSU Course (BS-MCT Curriculum)	MCC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	*MATH 1465 or 1415+1435
	MAT 3430 Appl Differential & Integral Calculus	*MATH 1760
	MAT 3450 Appl Calculus & Diff Equations	**See (1) below
	CHM 1020 (NSI) General Chemistry	CHEM 1050
	PHY2130, 1 (NSI) General Physics	PHYS 1180
	PHY2140, 1 General Physics	PHYS 1190
Lower Division Technical Courses	ET 2140 Computer Graphics	**See (2) below
	ET 2160 Computer Applications for ET	ITCS 2530
	ET 2200 Engineering Materials	ATMT 1300 + 1310
	EET 2000 Electrical Principles	ELEC 1161 + 1171 or MECT 1141
	MCT/MIT Lower Division Technical	**See (3) below
	MIT 3500 Manufacturing Process Lab	ATMT 1150 or 1160
Additional requirements Courses	ENG 3050 (IC) Intermediate Composition	BCOM 2050
	PHI 1120 (CI) Cultural Inquiry	PHIL 2120

- (1) MCC students have the option to take MAT 3450 at Wayne (required MAT 3430 as prerequisite) or MATH 2770 at Macomb (required several prerequisites).
- (2) Any one of: *ATAP 2010, ATAP 2030, ATAP 2350, ATAP 2360, ATAP 2370, DRCG 1140, PRDE 1400, PRDE 1410, PRDE 1450, PRDE 1475, PRDE 1520, PRDE 1620, PRDE 2520, PRDE 2620*
- (3) Any other technical courses or credits in *ATAM, ATAP, ATBC, ATDD, ATEM, ATFP, ATMT, ATPP, ATRA, ATSS, ATTR, ATWD, AUTO, CIVL, CLCT, CORE, DRAD, DRCG, ELEC, ENGR, MACA, MECT, PRDE, QUAL, RNEW, ROBO, SURV*

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