



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:

<https://catalog.hfcc.edu/degrees/gen-ed>

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 PH 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)	HFC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	*MATH 175
	MAT 3430 Appl Differential & Integral Calculus	*MATH 180
	CHM 1020 (NSI) General Chemistry	CHEM 131
	PHY 2130,1 (NSI) General Physics with Lab	PHYS 131
Business & Management	ECO 2020 (SI) Principles of Economics	BEC 151
	PHI 1120 (CI) Professional Ethics	***PHIL 139
	Business Management Electives	See (1) below
Lower Div Tech Transfer	Introduction 2D & 3D CAD	ACT 116
	Soils & Foundations	See (2) below
	Applied Building Construction	ACT 124
	Lower Division Technical Electives	**See (3) below
Additional Requirements	ENG 3050 (IC) Intermediate Composition	ENG 135

- (1) Six (6) credit-hours are required. Most *ACC/BAC/BBA/BSC/MGT* classes from HFC would fulfill this category.
- (2) Not available at HFC. Please consult with the Engineering Technology advisor.
- (3) Any other technical courses or credits under the subject of **ACT, AUTO, CIMMT, CIMTA, CIMWD, DRAF, ENGR, ENT, MFMT, MTT, PEFT, PLMB, REEN, TADV, TAEL, TAFD, TAFP, TAGD, TAIM, TAMA, TAMJ, TAMN, TAMT, TAPI, TAPP, TAPT, TASM. Or follow the HFC AAS CM program course work.**

Bachelor of Science in Computer Technology (BS-CT)

	WSU Course (BS-CT Curriculum)	HFC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	*MATH 175
	MAT 3430 Appl Differential & Integral Calculus	*MATH 180
	(NSI) Physical Science with 1-cr Lab	See (1)
Lower Division Technical Courses	CSC 1100.1 Problem Solving & Programming	CIS 170 OR CIS 230
	EET 2100 Principle of Digital Design	ELEC 115
	EET 2720 Microprocessor Fundamentals	ELEC 245
	EET/CSC Lower Division Technical	**See (2) below
	E T 5870 Project Management or ET3870	CIS 272
	CSC 3750 Introduction to Web Technology	CIS 122
Additional Requirements	ENG 3050 (IC) Intermediate Composition	ENG 135
	PHI 1120 (CI) Cultural Inquiry	***PHIL 139

(1) CHEM131, PHYS131, or other Natural Science courses including a lab.

(2) Most technical courses or credits under *CIS, CNT, ENGR, REEN, TAEL, ACT, AUTO, CIMMT, CIMTA, CIMWD, DRAF, ELEC, ENT, MFMT, MTT, PEFT, PLMB, TADV, TAFD, TAFP, TAGD, TAIM, TAMA, TAMJ, TAMN, TAMT, TAPI, TAPP, TAPT, TASM*.

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

	WSU Course (BS-EET Curriculum)	HFC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	*MATH 175
	MAT 3430 Appl Differential & Integral Calculus	*MATH 180
	MAT 3450 Appl Calculus & Diff Equations	*MATH 288
	CHM 1020 (NSI) General Chemistry	CHEM 131
	PHY 2130,1 (NSI) General Physics and Lab	PHYS 131
	PHY 2140,1 (NSI) General Physics and Lab	PHYS 132
Lower Division Technical Courses	E T 2160 Computer Applications for ET	CIS 170
	EET 2000 Electrical Principles	ELEC103
	EET 2100 Principle of Digital Design	ELEC 115
	EET 2720 Microprocessor Fundamentals	ELEC 245
	EET Lower Division Technical	**See (1) below
Additional Requirements	ENG 3050 (IC) Intermediate Composition	ENG 135
	PHI1120 (CI) Cultural Inquiry	***PHIL 139

(1) Most technical courses or credits under *CIMEL, CIMHP, ELEC, ENGR, REEN, TAEL, ACT, AUTO, CIMMT, CIMTA, CIMWD, DRAF, ENT, MFMT, MTT, PEFT, PLMB, TADV, TAFD, TAFP, TAGD, TAIM, TAMA, TAMJ, TAMN, TAMT, TAPI, TAPP, TAPT, TASM*.

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

	WSU Course (BS-EMT Curriculum)	HFC Equivalent Courses
Math & Science	ET 2160 Computer Applications for ET	CIS 170
	MAT 1800 (QE) Elementary Functions	*MATH 175
	MAT 3430 Appl Differential & Integral Calculus	*MATH 180
	MAT 3450 Appl Calculus & Diff Equations	*MATH 288
	CHM 1020 (NSI) General Chemistry	CHEM 131
	PHY 2130,1 (NSI) General Physics and Lab	PHYS 131
	PHY 2140,1 (NSI) General Physics and Lab	PHYS 132
Lower Division Technical Courses	E T 2140 Computer Graphics	**See (1) below
	EET 2000 Electrical Principles	ELEC 103
	EET 2100 Principle of Digital Design	ELEC 115
	EET 2720 Microprocessor Fundamentals	ELEC 245
	EET or MCT Lower Division Technical	**See (2) below
	MIT 3500 Manufacturing Processes Lab	MTT 100
Additional Requirements	ENG 3050 (IC) Intermediate Composition	ENG 135
	PHI 1120 (CI) Cultural Inquiry	***PHIL 139
<p>(1) Any one of: DRAF110, DRAF120, DRAF123, or DRAF260.</p> <p>(2) Most technical courses or credits under <i>ACT, AUTO, CIMMT, CIMTA, CIMWD, CIS, DRAF, ELEC, ENGR, ENT, MFMT, MTT, PEFT, PLMB, REEN, TADV, TAEL, TAFD, TAFP, TAGD, TAIM, TAMA, TAMJ, TAMN, TAMT, TAPI, TAPP, TAPT, TASM.</i></p>		

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

	WSU Course (BS-MCT Curriculum)	HFC Equivalent Courses
Math & Science	MAT 1800 (QE) Elementary Functions	*MATH 175
	MAT 3430 Appl Differential & Integral Calculus	*MATH 180
	MAT 3450 Appl Calculus & Diff Equations	*MATH 288
	CHM 1020 (NSI) General Chemistry	CHEM 131
	PHY 2130,1 (NSI) General Physics and Lab	PHYS 131
	PHY 2140,1 (NSI) General Physics and Lab	PHYS 132
Lower Division Technical Courses	E T 2140 Computer Graphics	**See (1) below
	E T 2160 Computer Applications for ET	CIS 170
	E T 2200 Engineering Materials	ENGR 201
	EET 2000 Electrical Principles	ELEC 103
	MCT/MIT Lower Division Technical	**See (2) below
	MIT 3500 Manufacturing Process Lab	MTT 100
Additional Requirements Courses	ENG 3050 (IC) Intermediate Composition	ENG 135
	PHI 1120 (CI) Cultural Inquiry	***PHIL 139
<p>(1) Any one of: DRAF110, DRAF120, DRAF123, DRAF260.</p> <p>(2) Most technical courses or credits under <i>ACT, AUTO, CIMHP, CIMMT, CIMTA, CIMWD, CIS, DRAF, ELEC, ENGR, ENT, MFMT, MTT, PEFT, PLMB, REEN, TADV, TAEL, TAFD, TAFP, TAGD, TAIM, TAMA, TAMJ, TAMN, TAMT, TAPI, TAPP, TAPT, TASM.</i></p>		

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