



Transfer Pathway Planning Guide
Catalog Year 2024-25

Community College

Macomb Community College (MCC)

WSU College/School

College of Engineering

Major

Electrical/Electronic Engineering Technology

Degree/Credits

Bachelor of Science (BS) in Electrical/Electronic Engineering Tech / 124 credits

Achieving your goal of obtaining a four-year degree is attainable through the collaborative effort of MCC and WSU. Begin your journey by earning an associate degree at MCC, followed by a seamless transition to Wayne State for the completion of your bachelor's degree. Throughout this academic pursuit, you have the opportunity to embrace the diverse experiences and communities offered by both campuses.

Michigan Transfer Agreement (MTA) -Satisfies WSU University General Education requirements.

<i>Discipline</i>	<i>Course (specific course required, if listed)</i>	<i>Credits</i>	<i>WSU Equivalent</i>
English Composition	ENG 1210 Composition 1	3	ENG 1020
	ENG 1220 Composition 2	3	ENG 3010
Humanities/Fine Arts	See MTA; approved humanities/fine arts	4	See advisor
	See MTA; approved humanities/fine arts	3	See advisor
Mathematics	MATH 1465 Accelerated Calculus	5	MAT 1800
Sciences	CHM 1050 Intro to Chemistry	4	CHM 1020
	<i>Must be from different disciplines</i> PHY 1180 College Physics 1	4	PHY 2130/21
Social Sciences	PHI 2100 Professional Ethics	3	PHI 1120
	<i>Must be from different disciplines</i> See MTA; approved social science	3	See advisor
TOTAL CREDITS		32	(30 minimum)

Required courses

<i>Course</i>	<i>Credits</i>	<i>WSU Equivalent</i>
BCOM 2050 Business Communication	4	ENG 3050
MAT 1760 Calculus	4	ET 3430
PHY 1190 College Physics	4	PHY 2140/21
ITCS 2530 C++ Programming 1	4	ET 2160
ELEC 1161/1171 Electronic Technology 1 and 2	6	EET 2000
ELEC 1211 Digital Electronics Basics	3	EET 2100
ELEC 2270 Microcontroller Programming	3	EET 2720
Any ARCH, ATAM, ATAP, ATBC, ATDD, ATEM, ATMT, ATPP, ATSS, ATTR, ATWD, AUTO, CIVL, CLCT, CORE, CNST, DRAD DRCG ELEC, ENGR MACA MECT, PRDE, RNEW, ROBO, SURV.	21	Lower Division Technical
TOTAL CREDITS		49

Transfer credit summary

Pathway -Associate in Applied Science (AAS)

Pathway+ -Associate in Arts (AA), Associate in Science (AS), or Associate in General Studies (AGS)

	<i>Credits</i>
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	Pathway	Pathway+
Michigan Transfer Agreement (MTA)	32	32
Required courses	49	49
Pathway (see AAS degree requirements*)	0	0
Pathway+ (see AA, AS, or AGS degree requirements*)	0	0
TOTAL TRANSFER CREDITS	81	81

*See MCC degree requirements. Some specific course(s) may satisfy specific Wayne State requirements.

Wayne State University credit summary

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

	<i>Credits</i>	
	Pathway	Pathway+
Major	44	50
Pathway+ and/or electives (WSU degree) <ul style="list-style-type: none"> • ASSET scholarship • Accelerated Graduate Enrollment (AGRADE) • Honors • Undergraduate research • Study abroad 		
TOTAL WAYNE STATE CREDITS		

TOTAL WAYNE STATE and TRANSFER CREDITS 125 131