

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

The BS-EET degree requires 124 credit hours as listed in this table. Macomb Community College transfer students can use this table as a guideline to transfer up to 82 credits from Macomb, and complete the remaining program requirements at Wayne State to earn the BS-EET degree.

	WSU BS-EET Curriculum		Macomb CC AAS Programs
	Course	Cr	Equivalent Course
Math & Science	MAT 1800 (QE) Elementary Functions	4	MATH 1465 or 1415+1435
	MAT 3430 Appl Differential & Integral Calculus	4	MATH 1760
	MAT 3450 Appl Calculus & Diff Equations	4	See (1) **
	CHM 1020 (NSI) General Chemistry	4	CHEM 1050
	PHY 2130,1 (NSI) General Physics	5	PHYS 1180
	PHY 2140,1 General Physics	5	PHYS 1190
Lower Division Technical Courses	E T 2160 Computer Applications for ET	2	ITCS 2530
	EET 2000 Electrical Principles	3	ELEC 1161 + ELEC1171
	EET 2100 Principle of Digital Design	3	ELEC 1211
	EET 2720 Microprocessor Fundamentals	3	ELEC 2270
	EET Lower Division Technical	21	See (2) **
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	ELEC 2005 + ELEC 2490
	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	6	
E T 4999 Senior Project	3		
General Education Courses	ENG 3050 (IC) Intermediate Composition	3	BCOM 2050
	PHI 1120 (CI) Cultural Inquiry	3	PHIL 2120
	(BC) Basic Composition	3	Students transferring to WSU that satisfy the MTA (Michigan Transfer Agreement) will satisfy all the requirements to the left. Students must still <b>satisfy the above courses</b> , which are MTA-supported, in order to satisfy the program requirements.
	(OC) Oral Communication	3	
	(SI) Social Inquiry	3	
	(CIV) Civic Literacy	3	
	(DEI) Diversity, Equity, and Inclusion	3	
	(GL) Global Learning	3	
	TOTAL Degree Requirements	124	

- (1) Students have the option to take MAT3450 (required MAT3430 as prerequisite) at Wayne or MATH2770 (required several prerequisites) at Macomb
- (2) 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*

\*\* Please refer to WSU's transfer guide, or consult with a WSU ET advisor before taking these classes  
<https://wayne.edu/transfercredit/>