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		Macomb CC	
	BS-EET Curriculum		AAS Programs
	Course	Cr	Equivalent Course
MAT 1800 MAT 3430	(QE) Elementary Functions	4	MATH 1465 or 1415+1435
	Appl Differential & Integral Calculus	4	MATH 1760
MAT 3450	Appl Calculus & Diff Equations	4	See (1) **
Science 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 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
Courses EET	Lower Division Technical	21	See (2) **
E T 3850 E T 3870 E T 5870 EET 3100	Reliability & Engineering Statistics	3	
	Engineering Economic Analysis	3	
	Project Management	3	
	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		
EET 4200		4	
EET		6	
E T 4999	Senior Project	3	
ENG 3050 PHI 1120 General	(IC) Intermediate Composition	3	BCOM 2050
	(CI) Cultural Inquiry	3	PHIL 2120
	(BC) Basic Composition	3	Students transferring to WSU that
	(OC) Oral Communication		satisfy the MTA (Michigan Transfer
	(SI) Social Inquiry		Agreement) will satisfy all the
	(CIV) Civic Literacy		requirements to the left. Students
	(DEI) Diversity, Equity, and Inclusion	3	must still satisfy the above
	(GL) Global Learning	3	courses , which are MTA-supported, in order to satisfy the program
	TOTAL Degree Requirements	124	in order to satisfy the program
	MAT 3430 MAT 3450 CHM 1020 PHY 2130,1 PHY 2140,1 E T 2160 EET 2000 EET 2100 EET 2720 EET 2720 EET 3100 ET 3870 ET 3870 EET 3150 EET 3150 EET 3180 EET 3500 EET 3720 EET 3720 EET 3300 EET 4200 EET 4200 EET 4999 ENG 3050	BS-EET CurriculumCourseMAT 1800(QE) Elementary FunctionsMAT 3430Appl Differential & Integral CalculusMAT 3430Appl Calculus & Diff EquationsCHM 1020(NSI) General ChemistryPHY 2130,1(NSI) General PhysicsET 2160Computer Applications for ETEET 2000Electrical PrinciplesEET 2100Principle of Digital DesignET 2720Microprocessor FundamentalsEETLower Division TechnicalE T 3850Reliability & Engineering StatisticsE T 3870Engineering Economic AnalysisE T 5870Project ManagementEET 3100Advanced Digital DesignEET 3180Analog ElectronicsEET 3180Analog ElectronicsEET 3300Electrical Machines & Power SysEET 3300Applied Signal ProcessingEET 4200Control SystemsEETUpper Division Tech ElectiveE T 4999Senior ProjectENG 3050(IC) Intermediate CompositionPHI 1120(CI) Cultural Inquiry(BC) Basic Composition(OC) Oral Communication(SI) Social Inquiry(DEI) Diversity, Equity, and Inclusion	BS-EET CurriculumCourseCrMAT 1800(QE) Elementary Functions4MAT 3430Appl Differential & Integral Calculus4MAT 3450Appl Calculus & Diff Equations4CHM 1020(NSI) General Chemistry4PHY 2130,1(NSI) General Physics5PHY 2140,1General Physics5E T 2160Computer Applications for ET2EET 2000Electrical Principles3EET 2100Principle of Digital Design3EET 2100Principle of Digital Design3EET Lower Division Technical21E T 3850Reliability & Engineering Statistics3E T 3870Engineering Economic Analysis3E T 3100Advanced Digital Design3ET 3150Network Analysis4EET 3180Analog Electronics4EET 3180Analog Electronics4EET 3180Applied Signal Processing3EET 4200Control Systems4EET Upper Division Tech Elective6E T 4999Senior Project3ENG 3050(IC) Intermediate Composition3(BC) Basic Composition3(SI) Social Inquiry3(CIV) Civic Literacy3(DEI) Diversity, Equity, and Inclusion3(DEI) Diversity, Equity, and Inclusion3

 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 <u>https://wayne.edu/transfercredit/</u>