

Electronics Engineering Technology - Graduation MAP



WEBER STATE
UNIVERSITY

This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.

Catalog Year: 2020-2021

NAME: _____

	Course	Credit Hour	Semester Offered	Prerequisites	Notes	
Freshman (Semester 1)						
	EET 1110 Basic Electronics	2	Fa, Sp	MATH 1010 or higher	• Declare major with AAS and BS Degrees in EET • EET will accept MATH 1050 and 1060 for MATH 1080 (C or better in both) • LIBS 1504 Information Literacy Competency Exam can be taken in lieu of LIBS 1704	
	EET 1130 Digital Systems	4	Fa	MATH 1010 or higher		
	ENGL 1010 EN Introductory College Writing	3	Fa, Sp, Su			
	MATH 1080 QL Pre-Calculus	5	Fa, Sp, Su	MATH 1010 or placement		
	LIBS 1704 IL Information Navigator	1	Fa, Sp, Su			
	Total Semester Credits	15				
Freshman (Semester 2)						
	EET 1140 DC Circuits	3	Sp	EET 1110, MATH 1060 or MATH 1080 or higher	• EET recommends a 4 credit hour Life Science (HTHS 1110 or BTNY 1403) • Only 3 credits total needed for Diversity (DV) requirement	
	COMM 2110 HU Interpersonal & Small Group Com	3	Fa, Sp, Su			
	CS 2250 Structured Programming	4	Sp			
	Life Science (LS)/ Diversity (DV)	4	Fa, Sp, Su			
	Social Science (SS)/ Diversity (DV)	3	Fa, Sp, Su			
	Total Semester Credits	17				
Freshman (Optional)						
	Total Semester Credits					
Sophomore (Semester 3)						
	EET 2010 AC Circuits	3	Fa	EET 1140, MATH 1060 or MATH 1080	• C or better in all major and support courses • Overall 2.5 GPA required for EET majors	
	EET 2110 Semiconductor Circuits	4	Fa	EET 1130, EET 1140, MATH 1060 or higher		
	EET 2120 Power and Motors OR EET 2180 Solar PV Systems OR EET 2190 Solar PV Technical Assessments	4	Fa Fa, Sp Fa, Sp	EET 1140, MATH 1060 or higher EET 1140 or EET 1850 EET 1140 or EET 1850		
	EET 2170 Industrial Controls	3	Fa	EET 1130, EET 1140		
	ENGL 2010 EN Intermediate College Writing	3	Fa, Sp, Su	ENGL 1010 or placement		
	Total Semester Credits	17				
Sophomore (Semester 4)						
	EET 2130 PC Board Design	3	Sp	EET 2110	• Apply for graduation with an AAS degree in EET • Only 3 credits total need for Diversity (DV) requirement	
	EET 2140 Communication Systems	4	Sp	EET 2110		
	EET 2150 Embedded Controllers	4	Sp	EET 2110		
	EET 2160 Troubleshooting	3	Sp	EET 2110, EET 2120, EET 2170		
	Creative Arts (CA)/ Diversity (DV)	3	Fa, Sp, Su			
	Total Semester Credits	17				
Sophomore (Optional)						
	Total AAS Credits	66				
	Course	Credit	Semester	Prerequisites	Notes	

Hours Offered					
Junior (Semester 5)					
	MATH 1210 Calculus I	4	Fa, Sp, Su	MATH 1050 & 1060 or 1080	
	EET 3010 Circuit Analysis	4	Fa	EET 2110, EET 2140, Co-req: MATH 1210	
	EET 3030 FPGA and ASIC Design	4	Fa	EET 2150	
	EET 3040 Instrumentation & Measurements	4	Fa	EET 2110, EET 2170	
	Total Semester Credits	16			
Junior (Semester 6)					
	PHYS 2210 PS Physics for Scientists & Engineers I	5	Fa, Sp	Co-req: MATH 1210	• Apply for Senior Project • AAS, AS, or AA prerequisite for Senior Project • Only 3 credits total needed for Diversity (DV) requirement
	EET 3050 Microprocessor Systems	4	Sp	EET 2150, CS 2250	
	EET 3090 Project Management	2	Sp	EET 1110, EET 1140, EET 2010	
	American Institutions (AI)	3	Fa, Sp, Su		
	Total Semester Credits	14			
Junior (Optional)					
	Total Semester Credits				
Senior (Semester 7)					
	ENGL 3100 Professional & Technical Writing OR PS 3250 Business Communication	3	Fa, Sp, Su	ENGL 2010	• Upper Division Technical Electives: EET 3100, EET 3180, EET 4060, EET 4090, EET 4900, MFET 4580 & 4585, and MFET 4850
	EET 4010 Senior Project I	2	Fa	EET 3090	
	EET 4030 Controls & Systems	4	Fa	EET 3010, MATH 1210, PHYS 2210	
	EET 4890 Cooperative Work Experience	2	Fa, Sp, Su	EET 3090	
	EET Upper Division Technical Elective	4	Fa, Sp		
	Total Semester Credits	15			
Senior (Semester 8)					
	EET 4020 Senior Project II	2	Sp	EET 4010	• Apply for graduation with BS degree in EET • Overall 2.5 GPA required for EET majors • Upper Division Technical Electives: EET 3100, EET 3180, EET 4060, EET 4090, EET 4900, MFET 4580 & 4585, and MFET 4850
	EET 4040 Signals & Systems	4	Sp	EET 3010, MATH 1210	
	EET Upper Division Technical Elective	3	Fa, Sp		
	Creative Arts (CA)/ Humanities (HU)/ Diversity (DV)***	3	Fa, Sp, Su		
	Social Science (SS)/ Diversity (DV)***	3	Fa, Sp, Su		
	Total Semester Credits	15			
Senior (Optional)					
	Total Bachelor Credits	126			

Gen Ed Breadth Requirements (do not duplicate departments)

☐ HU	☐ CA	☐ HU or CA
☐ SS	☐ SS	
☐ PS	☐ LS	☐ PS or LS
☐ DV (Double dip with breadth course)		

Avoid Misadvisement! Consult your academic advisor (weber.edu/ advisors), the WSU Catalog (weber.edu/catalog), and your CatTracks degree evaluation (log into your eWeber Student Portal).

Accredited by the Engineering Technology Accreditation Board of Engineering and Technology (ABET) www.abet.org

For advising questions and appointments, please email:
eastadvising@weber.edu
<https://www.weber.edu/east/advising/default.html>