



Electrical/Electronics Engineering Technology (EET) Course of Study 2021-2022

Fall I				
Course ID	Course Name	T/B/G	Credits	Ck off
EEET 1110	D.C. Circuit Analysis	T	4	
ENGL 1500	Composition I	G	3	
FYEX 1010	First Year Success Strategies	B	1	
MATH 1250	Algebra and Trigonometry	G	4	
MECH 1000	Engineering Graphics	B	3	
	Total:		15	

Spring I				
Course ID	Course Name	T/B/G	Credits	Ck off
EEET 1130	Electronic Devices	T	4	
EEET 1230	A.C. Circuit Analysis	T	4	
	*Mathematics Elective	G	4	
	*Natural Science Elective	G	3	
	Total:		15	

Summer I				
Course ID	Course Name	T/B/G	Credits	Ck off
	Total:		0	

Curriculum Summary: General (G)/Basic (B) = 30 Hours

Technical (T) = 32 Hours

Total Curriculum Hours= 62

Fall II				
Course ID	Course Name	T/B/G	Credits	Ck off
EEET 2150	Digital Circuits	T	4	
EEET 2210	Industrial Instrumentation and Controls	T	4	
EEET 2450	Rotating Machinery and Controls	T	4	
	*Social and Behavioral Science Elective	G	3	
	*Technical Elective	T	2	
	Total:		17	

Spring II				
Course ID	Course Name	T/B/G	Credits	Ck off
EEET 2510	Programmable Logic Controllers	T	4	
	*Communication Elective	G	3	
	*English Elective	G	3	
	*Natural Science Elective	G	3	
	*Technical Elective	T	2	
	Total:		15	

Summer II				
Course ID	Course Name	T/B/G	Credits	Ck off
	Total:			

NOTE: Students must complete the computer literacy requirement in order to graduate which may be met through competency testing or completion of a program specific computer course. Refer to the degree audit and consult with the program advisor for the appropriate course(s) that meet the computer literacy requirement.

***ADDITIONAL INFORMATION ON REVERSE**

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Communication Electives		
COMM 1220	Interpersonal Communication	3
COMM 2610	Public Speaking*	3

English Electives		
ENGL 2500	Composition II*	3
ENGL 2800	Professional Writing	3

Mathematics Electives		
MATH 1050	Quantitative Reasoning	4
MATH 1340	College Algebra	4
MATH 1350	Pre-Calculus	5
MATH 2510	Calculus I	5
MATH 2520	Calculus II	5

Natural Science Electives		
BIOL 1070	Environmental Science	3
BIOL 1210	General Biology I	4
BIOL 1220	General Biology II	4
CHEM 1010	Introduction to Chemistry	3
CHEM 1210	General Chemistry I	4
CHEM 1220	General Chemistry II	4
PHYS 2010	Physics I	4
PHYS 2020	Physics II	4

EET Technical Electives by Career Field-Electric Power Utility		
ALTE 1800	Photovoltaic Energy Systems	2
ALTE 2200	Wind Power Systems	2
BMCA 1200	Excel	3
BUSM 1110	Principles of Management	3
ITCS 1010	Introduction to Networking	3
ITCS 1410	Introduction to C#	3
ITCS 1500	Microcomputer Hardware	3
NAFS 2150	Geographic Information Systems	3
SURV 2190	Fundamentals of Surveying	3

Social and Behavioral Science Electives		
ECON 1510	Microeconomics	3
ECON 1520	Macroeconomics	3
HIST 1100	Western Civilization to 1492	3
HIST 1110	Western Civilization from 1492 to Present	3
HIST 1200	U.S. History I	3
HIST 1210	U.S. History II	3
POLS 1010	American National Government*	3
PSYC 1010	Introduction to Psychology	3
SOCI 1010	Introduction to Sociology	3

EET Technical Electives by Career Field-Mechanical Engineering		
MECH 1100	Mechanical 3-D Modeling	3
MECH 1200	Manufacturing Processes	3
MECH 1500	Survey of Mechanical 3D Modeling	3
MECH 2100	Engineering Economy*	3
MECH 2200	Statics	3
MECH 2300	Strength of Materials	3
MECH 2550	Computer-Aided Machining	3
MECH 2600	Machine Design	3
MECH 2700	Project Management	3

EET Technical Electives by Career Field-Maintenance		
CAMT 1000	Measurement and Layout	4
CAMT 2000	CNC Machining	4
EET 2600	Electronics Technician Certification	2
ENVS 2850	OSHA 30 Hr. General Industry Safety and Health	2
ISET 2650	Mechanical Systems	4
MECH 2500	Hydraulics and Pneumatics	3
MECH 2550	Computer-Aided Machining	3
MECH 2800	Robotics	3
MECH 2900	Statistical Process Control	2
MECH 2920	Field Experience I	1-4
WELD 1700	Maintenance Welding	4

*CCP students must take the courses with an asterisk to meet high school graduation requirements.