



Pathways to Engineering Program (ATPE) Course of Study 2016-2017

First Semester I

Course ID	Course Name	T/B/G	Credits	Ck off
CHEM 1010	Chemistry I	G	3	
ENGL 1500	Composition I	G	3	
FYEX 1010	First Year Success Strategies	G	1	
MATH 1240	Algebra & Trigonometry I	G	4	
MECH 1000	Engineering Graphics	T	3	
MECH 2800	Robotics	T	3	
	Total:		17	

Second Semester I

Course ID	Course Name	T/B/G	Credits	Ck off
COMM 2610	Public Speaking	G	3	
ENGL 2500	Composition II	G	3	
MATH 1250	Algebra & Trigonometry II	G	4	
MECH 1100	Mechanical 3D Modeling	T	3	
PHYS 2010	Physics I	G	4	
	Total:		17	

Summer Session I

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

Curriculum Summary: General (G)/ Basic (B) = 31 hours Technical (T) = 35_Hours Total = 66_Hours

Third Semester II

Course ID	Course Name	T/B/G	Credits	Ck off
EEET 1110	D.C. Circuit Analysis	T	4	
MECH 2100	Engineering Economy	T	3	
MECH 2200	Statics	T	3	
MECH 2500	Hydraulics & Pneumatics	T	3	
POLS 1010	American National Government	G	3	
	Total:		16	

Fourth Semester II

Course ID	Course Name	T/B/G	Credits	Ck off
EEET 1130	Electronic Devices	T	4	
EEET 1230	A.C. Circuit Analysis	T	4	
ENVS 2850	OSHA 30 Hr. General Industry Safety & Health OR Technical Elective	T	2	
MECH 2300	Strength of Materials	T	3	
PHIL 1020	Introduction to Ethics	G	3	
	Total:		16	

Summer Session 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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Technical Electives

Course ID	Course Name	T/B/G	Credits
ALTE 1800	Solar Energy Systems	T	4
ALTE 1900	Introduction to Energy Systems	T	3
ARCH 1200	Construction Methods & Materials	T	3
ARCH 1300	Introduction to Architectural Modeling	T	3
CAMT 1380	Measurement and Layout	T	4
MECH 1300	Industrial Materials	T	3
MECH 2000	Advanced Mechanical 3-D Modeling	T	3
MECH 2600	Machine Design	T	3
MECH 2700	Project Management	T	3
OGET 2210	Natural Gas & Oil Production	T	4