



POLYTECHNIC UNIVERSITY OF PUERTO RICO
PROGRAM - ASSOCIATE DEGREE IN MECHANICAL ENGINEERING
 2013 -2014 Curriculum



FIRST YEAR					SECOND YEAR				
FALL					FALL				
Code	Description	Pre-Req	Cr	Gr	Code	Description	Pre-Req	Cr	Gr
MATH 1340	Precalculus II	MATH 1330 or P Test	3		SCIE 1430	Physics I	MATH 1350	4	
ENGL 1010	The Study of Essay as a Literary Genre	ENGL 0110 or P Test	3		SCIE 1431	Physics I Lab	MATH 1350	1	
ME 1210	Computer Aided Drafting and Design	None	3		ENGI 2270	Probability and Statistics for Engineers	MATH 1360	3	
SOHU 2010	Socio Humanistics Studies	None	3		ME 1211	Conventional Manufacturing Lab.	ME 1210	1	
					MGMT 4660	Entrepreneurship	None	3	
					ENGL 1101	Conversational English Lab I	ENGL 1010	0	
		Credits	12				Credits	12	
WINTER					WINTER				
Code	Description	Pre-Req	Cr	Gr	Code	Description	Pre-Req	Cr	Gr
ENGL 2020	Business English	ENGL 1010	3		ENGI 2110	Eng Mechanics - Statics	MATH 1360 & SCIE 1430/1431	3	
MATH 1350	Calculus I	MATH 1340	4		ME 2210	Engineering Materials	SCIE 1210/1211	3	
MTEC 1000	Geometric Dimensioning and Tolerancing	ME 1210	3		SOHU 2040	Ethics, Global and Contemporary Issues	SOHU 2010	3	
SPAN 1010	Basic Spanish	SPAN 0110 or P Test	3		ME 2010	Computer Programming for Mechanical Engineering	MATH 1350	3	
					ENGL 1102	Conversational English Lab II	ENGL 1101	0	
		Credits	13				Credits	12	
SPRING					SPRING				
Code	Description	Pre-Req	Cr	Gr	Code	Description	Pre-Req	Cr	Gr
SPAN 2020	Business Spanish	SPAN 1010	3		MTEC 2010	Computer Aided Manufacturing	ME 2010, ME 1211	3	
SCIE 1210	Principles of Chemistry	MATH 1340	4		MTEC 2020	Manufacturing Engineering Technology	ME 2010, ME 1211	3	
SCIE 1211	Principles of Chemistry Lab.	Math 1340	0		ME 2211	Engineering Materials Lab	ME 2210	1	
MATH 1360	Calculus II	MATH 1350	4		ENGL 1103	Presentation Skills Lab	ENGL 1102	1	
					ME 2930	Introduction to Aerospace Eng.	SCIE 1430	3	
		Credits	11				Credits	11	
TOTAL CREDITS								71	