EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
Bachelor of Arts
Major: Physics – Engineering Track

Student: _____ **ID# @**_____ **Term:** _____

I. GENERAL EDUCATION (43 SH)

		SH	Grade	Date
A. Skills . . . . . (13 SH)				
ENGL101	College Writing Skills	3		
ENGL102	Writ/Research	3		
MATH311	Anal. Geom./Calc. III	4		
CSCI130	Principles of Programming	3		
B. Core . . . . . (13 SH)				
(One course must be selected from four of the seven areas listed below)				
1.	**Artistic Expression (3 SH)**			
2.	**World Civilizations (3 SH)**			
3.	**American Civilizations (3 SH)**			
4.	**Human Behavior (3 SH)**			
5.	**Cultural Diversity & Social Pluralism (3 SH)**			
6.	**Ethics (3 SH)**			
7.	**Natural Science (4 SH)**			
	CHEM240 Principles of Chem. I	4		
C. Distribution . . . . . (14 SH)				
1.	**Humanities & Fine Arts (3 SH)**			
2.	**Social & Behavioral Sciences (3 SH)**			
ECON215	Principles of Econ.: Macro.	3		
OR				
ECON220	Principles of Econ.: Micro.	3		
3.	**Science & Math (8 SH)**			
	MATH211 Anal. Geom./Calc. I	4		
	MATH212 Anal. Geom./Calc. II	4		

Six (6) semester hours with the same prefix in one area of distribution and three (3) semester hours in each of the other two areas of distribution

D. Health & Physical Education . . . . . (3 SH)				
Health Lecture: _____		2		
And				
Phy. Ed. Activity: _____		1		
Health Lecture & Activity (3 SH)				

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II. SPECIALIZATION (49 - 50 SH)

		SH	Grade	Date
A. Required Physics Courses (22 SH)				
PHYS150	Physics Orientation	3		
PHYS320	University Physics I	4		
PHYS321	University Physics II	4		
PHYS322	Physical Measurements Lab. I	1		
PHYS323	Phys. Measurements Lab. II	1		
PHYS325	Intro. to Modern Physics	3		
ENGR303	Engineering Statics	3		
ENGR304	Engineering Dynamics	3		
B. Required Cooperative Eng. Track Courses (14–15 SH)				
PHYS312	Technical Electronics II	4		
Or				
PHYS313	Digital Electronics	3		
PHYS449	Math. Methods in Physics	3		
Advanced Physics Electives (5 SH)				
(Courses must be at the 300 level or higher)				
ENGR201	Engineering Graphics & Design	3		
Completion of Engineering Degree				
C. Related Courses Required (13 SH)				
MATH211	Anal. Geom./Calc. I	*		
MATH212	Anal. Geom./Calc. II	*		
MATH311	Anal. Geom./Calc. III	*		
MATH275	Linear Algebra I	3		
MATH317	Intro. to Differential Equations	3		
COMM107	Public Speaking	3		
CHEM240	Principles of Chemistry I	*		
CHEM241	Principles of Chemistry II	4		
CSCI130	Principles of Programming I	*		
ECON215	Principles of Econ.: Macro.	*		
OR				
ECON220	Principles of Econ.: Micro.	*		

*Credits for these courses are included on the left side of the page and thus not included here.

III. ELECTIVES (To bring to a total of 96 SH)

	SH	Grade	Date

TOTAL CREDITS REQUIRED (96 SH)