

**EDINBORO UNIVERSITY OF PENNSYLVANIA**  
**CURRICULUM REQUIREMENTS**  
 Bachelor of Science  
**Major: Physics (0433)**

Student: \_\_\_\_\_

ID#: @ \_\_\_\_\_

Term: \_\_\_\_\_

**I. GENERAL EDUCATION (46 SH)**

		SH	Grade	Date
<b>A. Skills (14 SH)</b>				
ENGL101	College Writing Skills	3	_____	_____
ENGL102	Writ/Research Skills	3	_____	_____
MATH211	Calculus I	4	_____	_____
CHEM241	Principles of Chemistry II	4	_____	_____

**B. Core (22 SH)**

1	<b>Artistic Expression</b>	<b>(3 SH)</b>	_____	_____
2	<b>World Civilizations</b>	<b>(3 SH)</b>	_____	_____
3	<b>American Civilizations</b>	<b>(3 SH)</b>	_____	_____
4	<b>Human Behavior</b>	<b>(3 SH)</b>	_____	_____
5	<b>Cult Div. &amp; Social Plur</b>	<b>(3 SH)</b>	_____	_____
6	<b>Ethics</b>	<b>(3 SH)</b>	_____	_____
7	<b>Natural Science</b>	<b>(4 SH)</b>	_____	_____
	CHEM240 Principles of Chem I	4	_____	_____

**C. Distribution (10 SH)**

1	<b>Humanities &amp; Fine Arts</b>	<b>(3 SH)</b>	_____	_____
2	<b>Soc &amp; Behav Sciences</b>	<b>(3 SH)</b>	_____	_____
3	<b>Science &amp; Math</b>	<b>(4 SH)</b>	_____	_____
	MATH212 Calculus II	4	_____	_____

**THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD.**

**Note:** At least 42 semester hours must consist of advanced coursework.

\*Credits for these courses are included in the General Education area and are not counted here.

(Revised: November 2017; Approved: May 2018)

(Effective: Summer 2018)

**II. PHYSICS REQUIREMENTS (60 SH)**

**A. Required Physics Foundation (47 SH)**

		SH	Grade	Date
PHYS150	Physics Orientation	2	_____	_____
PHYS313	Digital Electronics	3	_____	_____
PHYS320	University Physics I	4	_____	_____
PHYS321	University Physics II	4	_____	_____
PHYS322	Measurements Lab I	1	_____	_____
PHYS323	Measurements Lab II	1	_____	_____
PHYS325	Intro to Modern Physics	3	_____	_____
PHYS449	Math. Methods for Physics	3	_____	_____
ENGR201	Engineering Graphics	3	_____	_____
ENGR303	Engineering Statics	3	_____	_____
ENGR304	Engineering Dynamics	3	_____	_____
PHYS405	Modern Physics Lab	2	_____	_____
PHYS425	Astrophysics I	3	_____	_____
PHYS420	Mechanics I	3	_____	_____
PHYS430	Elect. & Magnetism I	3	_____	_____
PHYS441	Thermal Physics	3	_____	_____
PHYS453	Quantum Physics	3	_____	_____

**B. Required Supporting Courses (13 SH)**

		SH	Grade	Date
MATH211	Calculus I	*	_____	_____
MATH212	Calculus II	*	_____	_____
MATH311	Calculus III	4	_____	_____
MATH275	Linear Algebra	3	_____	_____
MATH317	Differential Equations	3	_____	_____
CHEM240	Principles of Chemistry I	*	_____	_____
CHEM241	Principles of Chemistry II	*	_____	_____
CSCI130	Principles of Programming I	3	_____	_____

**IV. FREE ELECTIVES (14 SH)**

		SH	Grade	Date
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**TOTAL (120 SH)**