

## College of Eastern Idaho Academic Plan

### Associate of Science – Physics Pathway

COURSES BLOCK 1 FRESHMAN FALL	CREDITS	BLOCK 1 NOTES
ENGL 101 Writing and Rhetoric I	3	
COMM 101 Fundamentals of Oral Communication	3	
* MATH 147 College Algebra and Trigonometry	5	<i>Prerequisite: MATH 108 or equivalent placement</i>
Science or Mathematics GEM Course	4	<i>Non-PHY prefix</i>
<b>SEMESTER TOTAL</b>	<b>15</b>	

COURSES BLOCK 1 FRESHMAN SPRING	CREDITS	BLOCK 1 NOTES
ENGL 102 Writing and Rhetoric II	3	<i>Prerequisite: ENGL 101</i>
* CHEM 111 General Chemistry with Lab	5	<i>Prerequisite: MATH 143 or 147</i>
Arts & Humanities GEM Course	3	
* MATH 170 Calculus I	4	<i>Prerequisite: MATH 147</i>
<b>SEMESTER TOTAL</b>	<b>15</b>	

COURSES BLOCK 1 SOPHOMORE FALL	CREDITS	BLOCK 1 NOTES
Arts & Humanities GEM Course	3	<i>Different prefix from previous term</i>
Social Science GEM Course	3	<i>Different prefix from previous term</i>
CPSC 181 Computer Science & Programming I	3	<i>Co/Prerequisite: MATH 143, 147 or placement into higher math</i>
† PHYS 211/L Engineering Physics I & Lab	4	<i>Prerequisite: MATH 170</i>
GEM Elective	3	
<b>SEMESTER TOTAL</b>	<b>16</b>	

COURSES BLOCK 1 SOPHOMORE SPRING	CREDITS	BLOCK 1 NOTES
Social Science GEM Course	3	
† PHYS 212/L Engineering Physics II & Lab	4	<i>Prerequisite: PHYS 211/L</i>
GEM Elective	3	
MATH 175 Calculus II	4	<i>Prerequisite: MATH 170</i>
Elective	0+	<i>Depends on overall credit total</i>
<b>SEMESTER TOTAL</b>	<b>14</b>	

**TOTAL CREDITS** **60**

#### RECOMMENDED ELECTIVES:

BIOL 201/L Biology I & Lab (*GEM*)

EDU 201 Foundations of Education

BIOL 227/L Anatomy and Physiology & Lab (*GEM*)

† EGR 210 Engineering Statics

CHEM 112 General Chemistry with Organic Lab

ENGL 203 Effective Technical Communication

\* *MAT 147 requirement can be bypassed should the student place into MAT 170 Calculus I via the Aleks testing.*

† Pending publication of future CEI catalog.

**For specific selection and sequencing of courses, students are strongly encouraged to meet with an academic advisor.**