

College of Eastern Idaho Academic Plan
Associate of Science –Computer Science Pathway

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

| COURSES BLOCK 1 FRESHMAN SPRING | CREDITS | BLOCK 1 NOTES |
|--|----------------|--|
| ENGL 102 Writing and Rhetoric II | 3 | <i>Prerequisite: ENGL 101</i> |
| MATH 170 Calculus | 4 | |
| PHIL 103 Introduction to Ethics | 3 | <i>Recommended</i> |
| Science GEM Course & Lab | 4 | <i>Different prefix from previous term</i> |
| SEMESTER TOTAL | 14 | |

| COURSES BLOCK 1 SOPHOMORE FALL | CREDITS | BLOCK 1 NOTES |
|---|----------------|--|
| Science or Math GEM Course | 4 | |
| † CPSC 181 Computer Science and Programming I | 3 | <i>Prerequisite: MATH 143 or 147</i> |
| Arts & Humanities GEM Course | 3 | <i>Different prefix from previous term</i> |
| Social Science GEM Course | 3 | |
| Elective | 3 | |
| SEMESTER TOTAL | 16 | |

| COURSES BLOCK 1 SOPHOMORE SPRING | CREDITS | BLOCK 1 NOTES |
|--|----------------|--|
| † CPSC 182 Computer Science and Programming II | 3 | <i>Prerequisite: CPSC 181</i> |
| Social Science GEM Course | 3 | <i>Different prefix from previous term</i> |
| GEM Course Elective | 3 | |
| GEM Course Elective | 3 | |
| Elective | 3 | |
| SEMESTER TOTAL | 15 | |

TOTAL CREDITS **60-61**

RECOMMENDED Courses:

| | |
|--|--|
| BSN 215 Intro to Information Science | ENGL 203 Effective Technical Communication |
| BSN 216 Business Statistics | † MATH 175 Calculus II |
| † CPSC 150 Software and Systems Architecture | † PHYS 211 Engineering Physics I |
| CHEM 111 General Chemistry (GEM) | † PHYS 212 Engineering Physics II |

* 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.