

PRE-ENGINEERING/ PRE-PHYSICS CONCENTRATION

Associate of General Studies Degree

FRESHMAN YEAR

Fall Semester

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| SENL 101S | Freshman English I | 3 |
| ENGR 120S | Engineering Graphics | 3 |
| SMAT 121S | Pre-Calculus Algebra | 3 |
| CMPS 101S | Introduction to Computer Concepts | 3 |
| SBIO 103S | General Biology Lecture I | 3 |
| SBIO 103LS | General Biology Lab I | <u>1</u> |
| | | 16 |

Spring Semester

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| ENGR 140S | Introduction to Engineering & Technology I | 2 |
| SHIS 201S | American History or | |
| SHIS 101S | History of Western Civilization | 3 |
| SENL 102S | Freshman English II | 3 |
| SCHE 132S | General Chemistry Lecture I | 3 |
| SCHE 132LS | General Chemistry Lab I | 1 |
| SMAT 122S | Plane Trigonometry | <u>3</u> |
| | | 15 |

SOPHOMORE YEAR

Fall Semester

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| FIAR 200S | Understanding the Arts or | |
| MUSC 200S | Enjoyment of Music | 3 |
| SPHY 213S | General Physics Lecture and Lab I | 4 |
| SECO 221S | Principals of Macro-Economics or | |
| SECO 222S | Principals of Micro-Economics | 3 |
| ENGR 230S | Technical Communication | 2 |
| SMAT 211S | Analytical Geometry and Calculus I | <u>4</u> |
| | | 16 |

Spring Semester

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| SSOC 201S | Introduction to Sociology or | |
| SPSY 201S | General Psychology | 3 |
| SPHY 214S | General Physics Lecture and Lab II | 4 |
| ENGR 226S | Engineering Mechanics (Statics & Dynamics) | 4 |
| SMAT 212S | Analytical Geometry and Calculus II | <u>4</u> |
| | | 15 |

TOTAL CREDIT HOURS: 62

Advisor: Dr. Kenie Moses