

PRE-ENGINEERING/ PRE-PHYSICS CONCENTRATION

Associate of General Studies Degree

FRESHMAN YEAR

Fall Semester

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

ENGR 140S	Introduction to Engineering & Technology I	2
SHIS 201S	American History <u>or</u>	
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

FIAR 200S	Understanding the Arts <u>or</u>	
MUSC 200S	Enjoyment of Music	3
SPHY 213S	General Physics Lecture and Lab I	5
SECO 221S	Principals of Macro-Economics <u>or</u>	
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

SSOC 201S	Introduction to Sociology <u>or</u>	
SPSY 201S	General Psychology	3
SPHY 214S	General Physics Lecture and Lab II	5
ENGR 226S	Engineering Mechanics (Statics & Dynamics)	4
SMAT 212S	Analytical Geometry and Calculus II	<u>4</u>
		15

TOTAL CREDIT HOURS: **64**

Advisor: Dr. Kenie Moses