

COURSE SELECTION GUIDE

**LIBERAL ARTS AND SCIENCES:
Pre-Engineering Science
Associate in Arts**

NAME _____

BANNER ID NO. _____

ADDRESS _____

PROGRAM ENTRY DATE _____

ADVISOR _____

PLACEMENT ASSESSMENT:

DS091 _____ DS095 _____ DS010 _____ DS011 _____
 DS050 _____ DS099 _____ EN100R _____

PROGRAM REQUIREMENTS

FRESHMAN YEAR

SEMESTER TAKEN	CRS. NO.	GRADE		CREDITS	
_____		_____	EN101 COMPOSITION	3	
_____		_____	MA201 ANALYTIC GEOMETRY & CALCULUS I		
_____		_____		4	
_____		_____	PH205 ENGINEERING PHYSICS I	4	
_____		_____	CM121 GENERAL CHEMISTRY I	4	
_____		_____		3	
_____		_____	EN102 COMPOSITION & LITERATURE	3	
_____		_____	MA202 CALCULUS II	4	
_____		_____	PH206 ENGINEERING PHYSICS II		
_____		_____		4	
_____		_____	CS113 INTRODUCTION TO FORTRAN	3	
_____		_____	CM122 GENERAL CHEMISTRY II	4	
SOPHOMORE YEAR					
_____		_____	ELECTIVE FINE ARTS	3	
_____		_____	MA203 CALCULUS III	4	
_____		_____	ES205 INTRODUCTION TO STATICS	3	
_____		_____	ELECTIVE SOCIAL SCIENCE (EC., GH., GO., HI.)	3	
_____		_____	ELECTIVE HUMANITIES	3	
_____		_____		3	
_____		_____	MA204 DIFFERENTIAL EQUATIONS	3	
_____		_____	ES206 INTRODUCTION TO DYNAMICS	3	
_____		_____	ELECTIVE BEHAVIORAL SCIENCE (PY., SO., ANTH.)	3	
_____		_____	ELECTIVE HUMANITIES	3	
_____		_____	ELECTIVE OPEN	6	
				TOTAL	67

NOTE: Students planning to enter this program should have a strong background in high school algebra, geometry, trigonometry and functions, and in physics and chemistry. Their total high school record

should indicate an ability to succeed in the Engineering program. One year of foreign language is recommended.

FALL 2001