

HCC COURSE SELECTION GUIDE

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

Name _____

Banner ID No. _____

Address _____

Program Entry Date _____

Advisor _____

PLACEMENT ASSESSMENT

DS091 DS095 DS010 DS011 DS050 DS099 EN100R

PROGRAM REQUIREMENTS

Semester Taken	Grade	Course Number	Course Title	Credits
Freshman Year				
		EN101	Composition	3
		MA201	Calculus I	4
		PH205	Engineering Physics I	4
		CM121	General Chemistry I	4
		EN102	Composition & Literature	3
		MA202	Calculus II	4
		PH206	Engineering Physics II	4
		CS113	Introduction to FORTRAN	3
		CH122	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
		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