

**PRIMARY ADVISORS:** Dean Burbank (ext 2855)-**Office** SUW 256, Michael Brinegar (ext 2857)-**Office** SUW 273, Hadley Pridgen (ext 3345)-**Office** SUW 255, and Vickie Ellis (natural sciences division) (ext 2856) (Chem E)

**PROGRAM GOAL:** The purpose of this program is to prepare students for entering an engineering school. Engineering is a limited access program at most universities. Each area of engineering may also be further limiting. For example, the University of Florida requires a 2.5 GPA in the A.A. degree but could require a 2.8 GPA in calculus and physics courses (first attempts only) to major in electrical engineering. Students are encouraged to be familiar with the admissions requirements at the university they plan to attend.

General Education Courses		Cr. Hrs.	Student Check
+*ENC 1101	English I	3	
+*ENC 1102	English 2	3	
EUH 1000 or 1001	Western Civilization	3	
PSY 2012 or SYG 2000	Psychology/Sociology	3	
POS 2041	American National Government	3	

For the following courses, students have several options to meet the needed requirement. See the Associate in Arts Degree in the catalog for the potential courses.

	Cr. Hrs.	Student Check
Biology	3	
Humanities I	3	
+*Humanities II	3	
+*Humanities III	3	

MAJOR COURSES		Cr. Hrs.	Student Check
+*MAC 2311	Calculus I	4	
+*MAC 2312	Calculus II	4	
(Meets math requirement for A.A.)			
+*MAC2313	Calculus III	4	
+PHY 2048	University Physics I	4	
(Meets physical science requirement for A.A.)			
PHY 2048L	University Physics I Lab	1	
+PHY 2049	University Physics II	4	
+PHY 2049L	University Physics II	1	
+CHM 1045	General Chemistry	3	
+CHM 1045L	General Chemistry Lab	1	
+MAP 2302	Differential Equations	3	
<b>Electives</b>		<b>4</b>	
<b>TOTAL DEGREE HOURS</b>		<b>60</b>	

+Prerequisites required. See course descriptions in catalog

\*Minimum grade of "C" required.

Notes: