



PROGRAM PATHWAY

Pre-Engineering Associate Degree

Disclaimer

*Enrollment in college level English and Mathematics courses requires appropriate placement scores on assessment tests and/or completion of the appropriate prerequisite coursework. **This particular program pathway is setup for a student that has a mathematics placement of calculus I directly out of high school, which is uncommon. Additional math courses may be needed depending on math placement, which may delay the time it takes to complete this degree due the high-level prerequisites established on a majority of the major coursework.** All students should see a counselor for a customized Student Education Plan (SEP) before enrolling in college courses. The SEP provides students with individually appropriate course recommendations and planning by taking into account each student's assessment results and course completion history.

Transfer Preparation

Associate degrees require the completion of certain general education courses. Transfer programs may require the completion of additional coursework depending on the institution. It is advisable to meet with an academic counselor for more information.

Associate Degree Course Sequence

The schedule below is based on a fall semester start and completion of appropriate pre-requisites.

Fall 1st Semester	MATH 192*	CHEM 100	PE 100	Humanities	ENGL 110*
Units (17)	4	4	2	3	4
Requirement	PREREQ + VE	PREREQ	IIIC	VC	IVB + VA1
Spring 2nd Semester	MATH 210	PHYS 200	CHEM 200	Social & Behavioral Science	
Units (16)	4	4	5	3	
Requirement	I	I	I	VD	
Fall 3rd Semester	MATH 220 or MATH 230	ENGR 210	Communication & Analytical Thinking	Natural Science	POLS 102
Units (15)	3	3	3	3	3
Requirement	I	I	VA2	VB	IIIA
Spring 4th Semester	MAJOR AREA IV	ENGR 212 or ENGR 240	HIST 120 or 121	HE 102	PE Activity
Units (13-15)	3-5	3	3	3	1
Requirement	I	I	IIIA	IIIB	IIIC

Total Units: 61-63