

**General Requirements for an
Associate of Science Degree in PRE-ENGINEERING**

For information on the pre-engineering degree, contact
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GENERAL REQUIREMENTS (54 CREDITS):

COMMUNICATION SKILLS (CS) ENGL 1010 and ENGL 2010 *Must pass ENGL 1010 with a C- or better to enroll in ENGL 2010	2 courses/6 credits		
ORAL COMMUNICATION SKILLS (OC) COMM 1100 recommended (other approved courses possible)	1 course/3 credits		
MATHEMATICS (MA) MATH 1210, 1220, 2210, 2270 and 2280	5 courses/18 credits		
COMPUTER SCIENCE (CS) CS 1400	1 course/3 credits		
PHYSICAL SCIENCES (PS) CHEM 1210, PHSX 2210 & 2220	3 courses/15 credits		
AMERICAN INSTITUTIONS (AI) HIST 1700 or POLS 1100	1 course/3 credits		
SOCIAL SCIENCES (SS) ECON 2010 recommended (other approved courses possible)	1 course/3 credits		
HUMANITIES (HU) / FINE ARTS (FA) ENGL 2110, 2120, 2130, 2250, 2300, 2310, 2320, 2330, 2340, 2400, 2410, 2500, 2520, 2530, 2600 TA 1020 HUM 1010, 1020, 1030, 2130, 2140 PHIL 1010, 1500 TA 1010, 1050 ART 1010, 1020, 1030, 1100 DANC 1010 MUS 1010, 2010, 2020 SPAN 2310 & 2320 (both)	1 course/3 credits		

PRE-ENGINEERING CORE / ENGINEERING SCIENCE CLASSES (19 CREDITS)

ALL OF THE FOLLOWING:

ENGR 1010	Introduction to Engineering	2 credits		
ENGR 2000	Statics	3 credits		
ENGR 2020	Dynamics	3 credits		
ENGR 2040	Strengths of Materials	3 credits		
Other Technical Electives (discipline specific--see advisor)		8 credits		

TOTAL ASSOCIATE OF PRE-ENGINEERING REQUIREMENTS: 73 CREDITS