

**Crowder College**  
**ASSOCIATE OF SCIENCE DEGREE - Pre-Engineering (UA)**

Done Curr To do

Required for Degree

				BENG	BMEG	CHEG	CompE	CompS	CVEG	ELEG	INEG	MEEG
<b>Communications (6-9 hours)</b>												
ENGL	101 English Comp	___	___	3	3	3	3	3	3	3	3	3
ENGL	102 ADV English Comp	___	___	3	3	3	3	3	3	3	3	3
COMM	104 Fund. of Speech	___	___				3	3				
<b>Mathematics (16 hours)</b>												
MATH	150 & 160 Calculus I, Part I & II	___	___	4	4	4	4	4	4	4	4	4
MATH	201 Calculus II	___	___	4	4	4	4	4	4	4	4	4
MATH	202 Calculus III	___	___	4		4	4		4	4	4	4
MATH	210 Differential Equations	___	___	4	4	4	4		4	4	4	4
<b>Science (18 hours)</b>												
PHYS	190 General Physics I	___	___	4	4	4	4	4	4	4	4	4
PHYS	210 General Physics II	___	___					4 (PHYS 210 or CHEM 112)	4 (PHYS 210 or CHEM 112)			
PHYS	250 Statics	___	___	4	4	4	4			4	4	4
PHYS	250 Statics	___	___	3							3	3
CHEM	111 General Chemistry I	___	___	3	3	3	3	3	3	3	3	3
CHEM	112 General Chemistry II	___	___	4	4	4		4 (PHYS 210 or CHEM 112)	4 (PHYS 210 or CHEM 112)	4	4	4
<b>Humanities (12 hours)</b>												
<b>Civics (3 hours)</b>												
HIST	106 US History I	___	___	3	3	3	3	3	3	3	3	3
HIST	107 US History II	___	___									
PLSC	103 National State & Local Gov	___	___									
<b>Economics (3 hours)</b>												
ECON	201 Prin of Economics I	___	___	3	3	3	3	3	3	3		3
ECON	202 Prin of Economics II	___	___									
<b>Humanities (3 hours)</b>												
ART	101 Art Appreciation	___	___	3	3	3	3	3	3	3	3	3
ENGL	109 Intro to Literature I	___	___									
ENGL	222 World Literature I	___	___									
ENGL	225 World Literature II	___	___									
ENGL	240 British Literature I	___	___									
ENGL	245 British Literature II	___	___									
HIST	101 Western Civilization I	___	___									
HIST	102 Western Civilization II	___	___									
MUSC	101 Music Appreciation	___	___									
PHIL	101 Intro to Western Philosophy	___	___									
PHIL	121 World Religions	___	___									
PHIL	201 Logic	___	___									
PHIL	202 Ethics	___	___									
SPAN	201 Intermediate Spanish	___	___									
SPAN	202 Intermediate Spanish II	___	___									
TA	205 Intro to Theatre	___	___									
<b>Social Science (3 hours)</b>												
GEOG	111 World Regional Geography	___	___	3	3	3	3	3	3	3	3	3
PSYC	101 General Psychology	___	___									
PSYC	211 Lifespan Development	___	___									
SOC	101 General Sociology	___	___									
<b>Computer Science (4 hours)</b>												
COMP	111 Intro to Computer Science	___	___				4	4	4	4	4	

**Notes:**

\*All courses have been evaluated by the University of Arkansas College of Engineering. Courses taken outside of these courses are not guaranteed to transfer. The number of hours corresponds to the number of hours needed by each degree

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|-------|----------------|------|----------------|
| BENG  | Biological Eng | CVEG | Civil Eng      |
| BMEG  | Biomedical Eng | ELEG | Electrical Eng |
| CHEG  | Chemical Eng   | INEG | Industrial Eng |
| CompS | Computer Sci   | MEEG | Mechanical Eng |
| CompE | Computer Eng   |      |                |