

**AS Degree in General Engineering**  
(For students entering the program Fall 2007, 2008, 2009 & 2010)

*Freshman Year – Fall Semester*

CHEM-115 General Chemistry (4,3)	5
EGNR-101 Introduction to Engineering (1,2)	2
ENGL-110 First-Year Composition I (3,0)	3
MATH-151 Calculus I (4,0)	4
Approved Technical Elective (See advisor for details)	3
	<u>17</u>

*Freshman Year – Spring Semester*

Approved Technical Elective (See advisor for details)	3
EGNR-140 Linear Algebra and Num Methods for Engineers (1,3)	2
ENGL-111 First-Year Composition II (3,0)	3
MATH-152 Calculus II (4,0)	4
General Education Elective	3
	<u>15</u>

*Sophomore Year – Fall Semester*

EGEM220 Statics (3,0)	3
EGNR-265 C Programming (3,0)	3
MATH-251 Calculus III (4,0)	4
COMM-101 Fundamentals of Speech Communication (3,0)	3
PHYS-231 Applied Physics for Engineers and Scientists I (3,2)	4
	<u>17</u>

*Sophomore Year – Spring Semester*

EGEE-210 Circuit Analysis (3,2)	4
EGNR-340 Advanced Numerical Methods for Engineers (0,2)	1
MATH-310 Differential Equations (3,0)	3
General Education Elective	3
PHYS-232 Applied Physics for Engineers and Scientists II (3,2)	4
	<u>15</u>

**Total Credits: 64**