

**PRE-ENGINEERING – (CODE 602)**  
**Suggested Course Sequence**

FIRST YEAR		SECOND YEAR	
FIRST SEMESTER	SECOND SEMESTER	FIRST SEMESTER	SECOND SEMESTER
1011 Freshman Orient* .....1	1213 English Comp II.....3	1033 Computer Science I.....3	2213 Strength of Materials...3
1113 English Comp I.....3	1834 Calculus I.....4	2155 Gen Physics II.....5	3311 Mod Phys Eng Lab.....1
1203 Gen Chemistry I.....3	OR 2834 Calculus II.....4	2155L Gen Physics II Lab	3403 Mod Phys Engineers....3
1252 Gen Chemistry I Lab....2	2145 Gen Physics I.....5	2203 Rigid Body Mechanics..3	3834 Calculus III.....4
1715 Algebra & Trig.....5	2145L Gen Physics I Lab	2834 Calculus II.....4	OR 4213 Diff Eq.....3
OR 1834 Calculus I.....4	Gen Educ Crses.....3-6	OR 3834 Calculus III.....4	1203 Engineering Drafting...3
2011 Intro. Engineering.....1		Gen Educ Crse.....3	Gen Educ Crses.....3
Total:.....14-15	Total:.....15-18	Total:.....18	Total:.....16-17

\*First time entering Freshmen need to take 1001 Freshman Orientation.