Pre-engineering Program
(Students prepared for Calculus)

1st Semester (15 credit hours)
• CHEM 131 - General Chemistry (5 credit hours)
• MATH 120 – Calculus I (5 credit hours)
• PHYS 102 – Introduction to Engineering Design (2 credit hours)
• ENG 101 – Communication Arts I (3 credit hours)

2nd Semester (18 credit hours)
• CHEM 132 – General Chemistry II (5 credit hours)
• MATH 121 – Calculus II (5 credit hours)
• PHYS 230 – General Physics I (4 credit hours)
• PHYS 231 – General Physics Lab (1 credit hour)
• ENG 102 – Communication Arts II (3 credit hours)

3rd Semester (18 credit hours)
• MATH 220 – Calculus III (4 credit hours)
• PHYS 232 – General Physics II (4 credit hours)
• PHYS 233 – General Physics Lab (1 credit hour)
• PHYS 242 – Statics (3 credit hours)
• Technical Electives (6 credit hours)

4th Semester (18 credit hours)
• MATH 327 – Differential Equations (3 credit hours)
• PHYS 243 – Dynamics (3 credit hours)
• PHYS 244 – Electric Circuits (3 credit hours)
• Technical Electives (9 credit hours)