Engineering is a profession in which knowledge of the mathematical and natural sciences is applied to develop ways to use the materials and forces of nature economically for the benefit of humanity. The Engineering curriculum also academically prepares the student to transfer to a 4-year university to complete a Baccalaureate degree in a related discipline. Please check with a counselor for specific transfer requirements.

- CHEM 2000 - General Chemistry I ................................................................. 5
- ENGR 2017 - Introduction to Circuit Analysis ............................................. 4
- ENGR 2035 - Mechanics for Engineers – Statics ...................................... 3
- MATH 1400 - Calculus and Analytic Geometry I ....................................... 5
- MATH 1500 - Calculus and Analytic Geometry II ...................................... 5
- MATH 2400 - Calculus & Analytic Geometry III ....................................... 5
- MATH 2500 - Ordinary Differential Equations .......................................... 3
- MATH 2600 - Introduction to Linear Algebra ............................................ 3
- PHYS 2105 - Mech. Physics, Oscillations, & Waves ................................... 4
- PHYS 2110 - Electrical Physics, Light .................................................. 4
- PHYS 2115 - Heat, Modern, and Quantum Phys ....................................... 4

Total Units ........................................................................................................... 45

A grade of C or better is required for all major courses.