

# ENGR 1300 : Introduction to Engineering

This introductory course will expose students to the field of engineering and the mathematics required for engineering courses. The focus will be on the application of mathematics to solving real-world engineering problems without heavy emphasis on the derivation. Topics covered will include solving engineering problems through applications of basic algebraic manipulations, trigonometry, vectors, sinusoids and harmonic signals, matrices and systems of equations, basics of differentiation, basics of integration, and differential equations.

**Credits** 3

**Course ID**

008939

**Semester Offered**

Fall semester