

# Engineering (ENGR)

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## Courses

### **ENGR A105A Engineering Graphics 1 Credit**

Introduces engineering graphics without the use of software. Focuses on hand drawing skills with an emphasis on orthographic projections, isometric views, auxiliary views and sectional views.

### **ENGR A105B Computer-Aided Graphics 1 Credit**

Focuses on the use of computer-aided design (CAD) software as a tool for creating engineering graphics.

**Prerequisites:** ENGR A105A with a minimum grade of D.

### **ENGR A151 Introduction to Engineering 1 Credit**

An introduction to engineering, both as a profession and as a field of study. Introduces students to the roles, responsibilities and capabilities of civil, computer systems, electrical and mechanical engineers.

### **ENGR A495 Engineering Internship 1 Credit**

Professional work experience designed to provide students with the opportunity to investigate the practical applications of engineering design within engineering organizations. Assignments and projects arranged with cooperating organizations and agencies.

**Registration Restrictions:** Instructor permission.