ENGR 210 Engineering Graphics

ENGR 210 ENGINEERING GRAPHICS
This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course. Letter Grade Only. Degree Credit.

Units: 4
Hours/semester: 48-54 Lecture; 48-54 Lab; 96-108 Homework
Prerequisites: MATH 130
Recommended: Eligibility for ENGL 100.
AA/AS Degree Requirements: Math Competency
Transfer Credit: CSU, UC
C-ID: ENGR 150