

# Engineering Graphics - MA130

---

**Section:** MA130 011261S Main Campus

**Credit Hours:** 5.00

**Course Description:** Using CAD hardware and software to solve problems in visualization; fundamentals of orthographic projection; auxiliary view, point view and true length of line segments, edge view and true shape of planes; graphical analysis of points, line and planes; orthographic projection of solids; pictorial and sectional views; creation of 3D models and drawing views.

**Course Notes:** PC with Windows operating system and Autodesk AutoCAD software required. Free student version software available at [www.autodesk.com/education](http://www.autodesk.com/education).

**WHEN** Start Date: 08/19/2026 End Date: 12/09/2026

**Days:**

MWF

1:00 PM - 3:00 PM

Campus: Main Campus

Building: Shears Technology Center

Room: STC117

## **INSTRUCTOR**

TRACY CHADWICK

## **BOOKS**

Title: A CONCISE INTRODUCTION TO ENGINEERING GR 6TH (2019) Edition

Author: SEXTON

Required: Yes