

CE107 – Spring 2025

Introduction to Civil Engineering Graphics

COURSE OUTLINE

WEEK	TOPICS
1/13	AutoCAD: get familiar with AutoCAD and create simple drawing.
1/27	AutoCAD: modify drawing, status bar toggles, and drawing tools.
2/3	AutoCAD: drawing properties, hatch and gradient, and layers.
2/10	AutoCAD: Dimensioning and annotations, text and table, and blocks and groups.
2/24	AutoCAD: Layout, printing and publishing, Sheet set.
3/3	Revit: Lecture 1 Small Office. Floor Plans.
3/10	Revit: Lecture 2 Roof, Floors and ceilings. Vertical Circulation.
3/24	Revit: Lecture 3 Annotation. Elevations, Sections and Details.
3/31	Revit: Lecture 4 Interior Design. Schedules.
4/7	Revit: Lecture 5 Site and Renderings.
4/14	Guest lecture. Individual design time for the final project.
4/21	Individual design time for the final project.
4/28	Presentation of Final Architectural Projects.

Grading Policy:

Quiz	20%
Labs	30%
Final project	50%

Instructor: Meida Chen

Email: meidache@usc.edu

mechen.toledo@gmail.com