

CAD Department Course Outline

DRFT 2593 – Modeling & Presentation (S)

Catalog Description:

This is a graphics presentation course that focuses on presentation and communication skills within the architectural, civil, mechanical, or landscape design environment. Students will prepare presentations of their models for specific audiences including customers, supervision, peers, and manufacturers.

Prerequisites:

DRFT 2114

Credit hours/Contact Hours/Load hours:

3/3/3

Target Audience/Transferability:

This course is a CAD elective for students pursuing an AAS degree in CAD and is non-transferable

Student Learning Outcomes:

Students will:

- Prepare a design project using AutoCAD, Inventor, Revit, or other software
- Prepare presentation documents for design/proposal purposes
- Identify goals of design communication and needs and expectations of the audience
- Present design idea/technical information in a creative and persuasive manner
- Identify and select the best use of electronic graphic media or other communication forms to showcase design ideas
- Analyze design to determine points of interest and the focus of presentation to best communicate design intent
- Speak clearly and articulately in front of both large and small technical groups
- Demonstrate proficiency in common forms of communications such as progress reports, business correspondence, design reports, feasibility reports, etc.

Topics:

- The model as a way to communicate design ideas
- Audience analysis
- Identification of communication goals
- Effective presentation skills
- The importance of adapting the content, organization, and medium to effective communication
- Graphic media used in presentations
- Effective meetings and participation of attendees
- Maintaining effective project documentation
- Effective workplace communication

Forms of Assessment:

- Individual design project
- Presentations of projects
- Peer reviews
- Portfolio of best work

Rev. 7/2019