

COMPUTER DRAFTING 2D

TPA 6258 M/W 12:50-2:45

Instructor: Zak Herring Office hours: T/TH 9:00-10:30 Room G 016

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OBJECTIVE: The objective of the course is to give the student experience in computer drafting. The student will also learn what is necessary for the designer to communicate with the technical staff in the drafting process.

SUPPLIES: A computer capable of operating AutoCAD program in Windows. If you have an Apple you must partition the hard drive and download Windows, then AutoCAD. A mouse is also required.

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| Aug 22 | class meeting and downloading process |
| 27 | configuring your system, workspaces, using commands, selecting objects and saving |
| 29/Sept 5 | using the tools, buttons, and ribbons |
| Sept 10/12 | drawing exercises to develop tool usage |
| 17/19 | UISTT graphic standards for floorplans, and floorplan requirements |
| 24/26 | drafting floorplan from model |
| Oct 1/3 | elevation and side section requirements |
| 8/10 | drafting elevations from model |
| 15/17 | drafting elevations from model |
| 22/24 | drafting details requirements |
| 29/31 | plan layout requirements |
| Nov 5 | Project 1 |
| Nov 7 | Project 2 |
| 7/9 | Project 2 |
| 14/19 | Project 3 |
| 26 | Project 3 |
| 28 | Project 4 |
| Dec 3/5 | Project 4 |

Projects: Projects will be assigned individually. Complexity and expectation increase for each project. Projects can be suggested by students if they have a specific item they want to work on. The course will require students to work outside class time. Class time will be used to troubleshoot issues with the program and alternate ways to achieve success.

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| <u>GRADING:</u> | Drawing exercises | 5pts |
| | Floor plan | 10pts |
| | Elevations | 15pts |
| | Drafting details | 5pts |
| | Project 1 | 10pts |
| | Project 2 | 15pts |
| | Project 3 | 20pts |
| | Project 4 | 20pts |

ATTENDANCE: You will lose ten (10) points off your final grade for each class missed. Only 2 excused absences can be made up, any addition “excused” will count ten (10) points off the final grade. Make up work or exams will not be accepted without a doctor’s or clinic’s excuse. Students must provide the original excuse to the instructor to be copied and to keep for the records. Any student more than 5 minutes late to class will lose one (1) point off their final grade. The Instructor must be notified by September 1st of any holidays or religious days that interfere with class.

STUDENTS WITH DISABILITIES:

Students requesting classroom accommodations must first register with the Dean of Students Office. The Dean of Students Office will provide documentations to the student who must then provide this documentation to the Instructor when requesting accommodations.

ONLINE COURSE EVALUATION:

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <http://evaluations.ufl.edu/results/>.