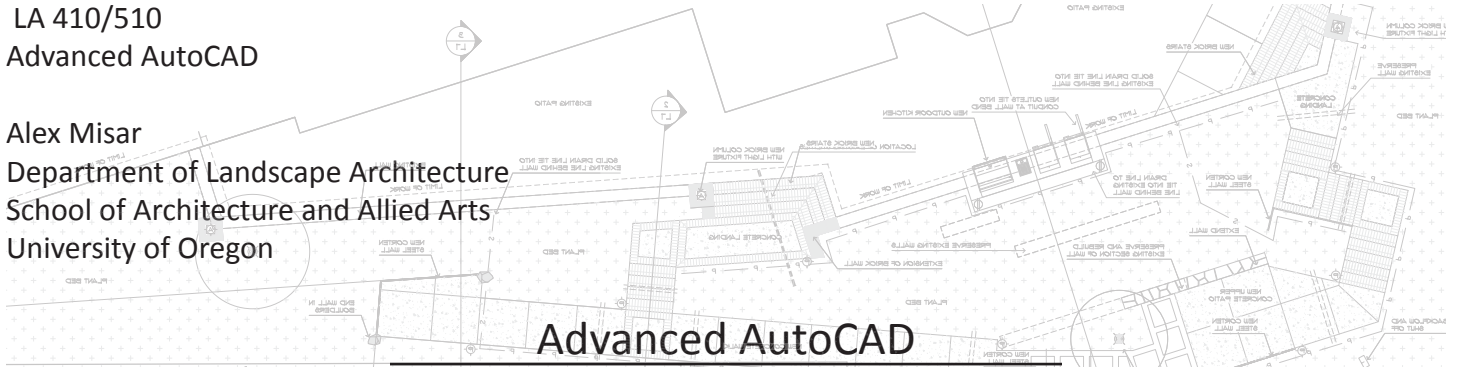


LA 410/510
Advanced AutoCAD

Alex Misar
Department of Landscape Architecture
School of Architecture and Allied Arts
University of Oregon



COURSE OBJECTIVE:

The objective of this course is to familiarize students with the techniques and advanced tools used in the development of contractual style bid and construction documents through computer aided drafting systems.

COURSE TECHNIQUES:

The class will use a combination of lectures and in-class work sessions focused on AutoCAD and Sketch up in conjunction with the lectures and assignments provided in the Tech Studio (LA 489/589).

COURSE REQUIREMENTS AND GRADING:

While the course is graded Pass/No Pass all students are required to attend all lectures unless excused prior to class or in the event of an emergency. In the event that you will need to miss a class please contact myself.

- Class attendance and participation 50%
- Midterm and Final 50%

STUDENTS WITH DISABILITIES:

If you have a documented disability and anticipate the need for accommodations for this course, please make arrangements to meet with me soon. Please request that the Counselor for Students with Disabilities send a letter verifying your disability.

ACADEMIC HONESTY POLICY:

All work submitted should be your own and originally produced for this course. While there will be times when students are encouraged to work together and assist one another, each student is expected to complete his or her own work individually. Violations will be taken seriously, and are noted on disciplinary records.

OFFICE HOURS:

I am happy to meet with any student to discuss class work or other aspects of the profession. As I do not hold normal office hours it is best to set up an appointment ahead of time.

CONTACT INFO:

abm@stangelandscape.com
misar.alex@gmial.com
And, to be used respectfully: 503-334-7598

COURSE MATERIALS:

All students are required to have a personal computer with a version of AutoCAD (free student download) and a version of LandFX (free student download). All AutoCAD work will be taught in Windows. All students using a Mac will need to partition their hard drive and load windows. No exceptions will be made to this requirement.

Additionally, students may find value in loading Sketchup. While this is not required it is strongly recommended.

COURSE PREREQUISITES:

All students are required to have completed the prerequisite studio classes, the tech sequence (I and II) and have completed an AutoCAD course. This purpose of Advanced AutoCAD, as the name suggests, is not to teach the fundamentals of AutoCAD, but the advanced tools and processes that assist in the drafting and formation of contractual style bid and construction drawings.

COURSE BREAKDOWN:

As this class works directly with the Tech Studio all work will happen in tandem with the course material, lectures and assignments listed therein. While we will attempt to adhere to the schedule listed below we will also allow for flexibility as the term progresses and the pace of the term is set by the work in the Tech Studio.

Generally, lectures will provide information unto the techniques employed by a professional office in the development of contractual style bid and construction drawings. Heavy emphasis will be placed on file management techniques, line weights, drafting techniques, cross-referencing between sheets and drawings, and professional architectural design standards.

In-class work sessions will provide students with an opportunity to explore their designs and interface with one another and the instructor to clarify and execute their designs. Friday Q&A sessions are not required, but are offered by the instructor as an additional opportunity to answer questions.

COURSE SCHEDULE:

Week 1

- Wednesday, Jan 11 Plotter Setup / Office Standards (Pens, CTB file, text)
- Friday, Jan 13 The survey (cleaning and importing) / X-Ref's

Week 2

- Monday, Jan 16 NO CLASS – MLK DAY
- Wednesday, Jan 18 Setting up a new file / The X_LA_BASE
- Friday, Jan 20 Principles of drafting

Week 3

- Monday, Jan 23 Details: Standard Details, line weights,
- Wednesday, Jan 25 Site Plan
- Friday, Jan 27 Q & A

Week 4

- Monday, Jan 30 Layout
- Wednesday, Feb 1 Grading
- Friday, Feb 3 NO CLASS – SHADOW MENTOR DAY

Week 5

- Monday, Feb 6 Layout
- Wednesday, Feb 8 Grading
- Friday, Feb 10 Q & A

Week 6

- Monday, Feb 13 Work Day
- Wednesday, Feb 15 Work Day
- Friday, Feb 17 Work Day

Week 7

- Monday, Feb 20 Work Day
- Wednesday, Feb 22 Lighting
- Friday, Feb 24 Q & A

Week 8

- Monday, Feb 27 Irrigation
- Wednesday, Mar 1 Irrigation
- Friday, Mar 3 Q & A

Week 9

- Monday, Mar 6 Planting
- Wednesday, Mar 8 Planting
- Friday, Mar 10 Q & A

Week 10

- Monday, Mar 13 Work Day
- Wednesday, Mar 15 Work Day
- Friday, Mar 17 Work Day