

Intro. to AutoCAD

ARCH - 1310 401

Lecture/Lab

Course Description

Students gain the practical knowledge in the use of AutoCAD that is essential in producing architectural drawings. This course includes hands-on applications. Simple drawings will be produced.

Semester: Fall

Course Student Learning Outcomes

- To develop their CAD and architectural technical skills.
- To develop intermediate file management skills at the operating system level.
- To help the student learn to express technical ideas graphically using standard architectural drawings and CAD system.
- To aid the student in developing an analytical approach to solving problems pertaining to CAD drafting with relation to drawing layout, content, etc.
- To enable the student to develop skills and knowledge necessary for continuing studies and work related opportunities in architecture and drafting.

Course Prerequisites

There are no prerequisites for this course.

You will need access to a computer and the internet.

Engagement Plan

Example language:

- I will respond to email within 24 hours Monday-Friday. The best way to contact me is via the Canvas Inbox, as I will prioritize this email over other modes of communication.
- In this course you will participate in a timed skills challenge to improve your skills you are learning in class. This will be a complete/incomplete grade and you must be in class and on time to participate. It will count toward your grade.
- Your final will consist of several drawings you 'reproduce' from plans provided using all the skills and tools learned in this course.

Keys for Success (how to succeed in the course)

To succeed in this course you need to be in class every day. You need to follow along with the lectures and ask questions until you understand. Complete your homework and turn it in on time; you will be successful in this class. **NO LATE WORK ACCEPTED.**

Brief Description of Assignments/Exams

Lecture

This is a lecture class. I will teach and demonstrate each command and tool. Then you will be given the opportunity to try it out and ask questions. Lectures are not recorded. You are required to be in class to receive all instruction. If you miss class, it is your responsibility to reach out to another class mate for questions on what was taught. If you talk with me prior to your missing class, I can give you direction on what you missed and help you find a video that teaches the concept. There are videos for each major command and tool taught. You can find a link to the videos in the modules.

In-Class assignments (lab)

During lecture, commands and tools will be taught. Then an assignment will be given to use those skills. I will be available to answer any questions and provide further instruction if needed.

- These assignments must be completed in class and turned in before class is over.
- These assignments cannot be made up. You must be present to do the assignment

Skills Challenges

A few weeks into the semester we will begin each class with a timed skills challenge. This will be an opportunity to draw a plan from what is provided. Your grade is based on your good effort to do the challenge not how much you are able to complete in the allotted time. It will be a complete or incomplete grade. This is something you need to be present in class to participate.

Homework

There will be homework for this class. Some weeks there will be more than others.

- Often there will be some class time to work on your homework but not always
- **NO LATE WORK WILL BE ACCEPTED**
- The lab is open M-Th 8:00am-10:00pm and Friday 8:00am-5:00pm (sometimes this varies) If there is a class going in the lab but a computer is open, ask the instructor if they mind you using a computer.
- As a student, you can download a copy of AutoCAD to your computer or laptop at home.

Final

The last 3 weeks of the semester you will have class time to work on your final. YOU WILL ALSO NEED TIME OUTSIDE OF CLASS TO COMPLETE YOUR FINAL.

- For your final, you will be given an example of a set of plans. You will then reproduce each page using all the tools you have learned through out the class.
- Your grade will be based on presentation (pdf files submitted) AND a review of your CAD files.
 - with your CAD files I am able to verify you used the tools and commands properly as taught in class

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Roll Call Attendance	Assignment	100
2/13/19	Week 7 Time Test5:00	Assignment	15
2/20/19	Week 8 Skills Challenge	Assignment	15
2/25/19	In-class_Door blocks	Assignment	10
2/27/19	In-class_Wblocks and design center	Assignment	10
2/27/19	Week 9 Time Test	Assignment	15
3/6/19	14b_Office Layout	Assignment	20
3/6/19	Week 10 Time Test	Assignment	15
3/11/19	In-Class_Office Layout_dims	Assignment	10
3/25/19	In-Class Spring Hatch	Assignment	10
3/27/19	Week 12 Time Test	Assignment	15
4/1/19	In-Class_XREF LTScale	Assignment	10
4/1/19	17A_Hatch floor plan	Assignment	10
4/8/19	1ST FINAL PROJECT CHECK-IN	Assignment	10
4/10/19	2nd FINAL PROJECT CHECK-IN	Assignment	10

Due Date	Assignment Name	Assignment Type	Points
4/15/19	3rd FINAL PROJECT CHECK-IN	Assignment	10
4/17/19	4th FINAL PROJECT CHECK-IN	Assignment	10
4/22/19	5th FINAL PROJECT CHECK-IN	Assignment	10
4/24/19	6th FINAL PROJECT CHECK-IN	Assignment	10
5/1/19	Final Project	Assignment	100
8/31/25	SYLLABUS QUIZ	Quiz	9
8/31/25	TAKE ORIENTATION QUIZ	Quiz	11

Grading Scale

15% - Attendance and Class Participation (in class assignment)

50% - Assignments (homework)

10% - Skills Challenge

25% - Final

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

[Learning Support and Tutoring Services](#)

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

[Advising and Counseling Support Services](#)

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

[Student Academic Calendar](#)

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)

Additional Policies

If you have circumstances that would make it so you are not able to complete your work on time. Discuss with me a minimum of 2 days prior to the due date.