

SYLLABUS – ID 233 AUTOCAD

*College of Fine Arts & Humanities
Department of Interior Design*

*Evening/Weekend College, Summer 2015
May 4 – August 7, Course Credit: 3*

University Mission Statement

The University challenges students to live extraordinary lives of personal and professional fulfillment. As students pursue undergraduate and graduate degrees or non-degree programs at campuses and online, each prepares for a lifetime of intellectual accomplishment and appreciation of artistic expression through a curriculum enriched by the liberal arts, scientific inquiry, and global awareness.

Section 1: Contact Information

Instructor: Laura Harris

Office Location: Birmingham, AL

Office Hours: By Appointment Only

Class Meeting Dates: May 13, June 3, June 17, and July 8

Class Meeting Times: 6:00-9:15pm EST

Class Meeting Locations: Room 115

Class Holidays: Week of May 25 for Memorial Day & Week of June 29 for July Fourth

Section 2: Common Course Elements

Textbook(s)/ISBN: Omura, George. Mastering AutoCAD 2014 and AutoCAD LT 2014: Autodesk Official Press. ISBN: 978-1118575048

Course Description: This course is designed to introduce students to basic computer drafting skills using AutoCAD. Students develop space plans for a small-scale project and draft a set of construction documents using CADD. Students review Life Safety, ANSI, ADA, and regional building codes as they relate to project work.

Interior Design Department Expected Learning Outcomes:

ELO 4 - Demonstrate ability to produce drawings from ideation through contract documents using a variety of media, techniques, and technology.

Evaluation Instruments Used: Final Project

CIDA Standards and Related Outcomes:

CIDA 6A - Students apply a variety of communication techniques and technologies appropriate to a range of purposes and audiences.

Evaluation Instruments Used: First Project & Final Project

CIDA 6E - Students can produce competent contract documents including coordinated drawings, schedules, and specifications appropriate to project size and scope and to show how design solutions and interior construction are related.

Evaluation Instruments Used: Projects 2-7 & Final Project

CIDA 13C - Students demonstrate understanding that design solutions affect and are impacted by distribution systems including power, mechanical, HVAC, data/voice telecommunications, and plumbing.

Evaluation Instruments Used: Second Project, Fifth Project, Sixth Project, & Final Project

CIDA 13G - Students are able to read and interpret construction drawings and documents.

Evaluation Instruments Used: Projects 2-8, Final Project, & Time Log

Course Learning Objectives

Upon completion of this course, students will be able to:

- 1) Work as a team using new technologies and communication skills.
Evaluation Instruments Used: First Project
- 2) Document a three-dimensional idea in a two-dimensional format.
Evaluation Instruments Used: Projects 2-7 & Final Project
- 3) Read, interpret, and replicate construction documents.
Evaluation Instruments Used: Projects 2-8, Final Project, & Time Log
- 4) Polish and prepare documents for presentation.
Evaluation Instruments Used: Eighth Project & Final Project
- 5) Understand basic code information related to ADA and building codes.
Evaluation Instruments Used: First Project & Eighth Project

University Class Attendance and Participation Policy

All grades and evaluations earned by the student and issued by the faculty are based upon the quality of the student's overall academic performance both in and out of class. Students are expected to attend and participate in class regularly, and to assume responsibility for meeting all requirements as specified in the course syllabus. Because of the differences in schedules and contact hours, there are different attendance policies for the evening, weekend, and online sessions.

Academic Honesty

The University is an academic community actively engaged in scholarly pursuits. As members of this community, students are expected to recognize and honor standards of academic and intellectual integrity. The University supports the ideals of scholarship and fairness by rejecting all dishonest work when it is submitted for academic credit. The University encourages students to be responsible and accountable for their decisions and actions. It is the university's hope that its students will uphold the honor of the university by refraining from every form of dishonesty in the community. Any attempt by students to present the work of others as their own or to pass an examination by improper means is regarded as a most serious offense and renders those

students who do so liable to disciplinary action. Assisting another student in any such dishonesty, or knowing of this dishonesty and not reporting it, is also considered a grave breach of honesty. (See current catalog for further information, as well as appeal process.)

The Honor Code

I promise to uphold the University honor code by refraining from every form of dishonesty and cheating in university life and will strive to create a spirit of honesty and honor. Failure to do so is considered a breach of trust toward the faculty and student body. I accept this commitment as a personal responsibility to refrain from and to report all forms of dishonesty and cheating.

Interior Design Department Canvas Site

Each student has access to the Interior Design Department Canvas Site. The site includes information regarding departmental procedures and policies, assessment procedures, important dates, scholarship opportunities, competitions, etc. Students should become familiar with the site and access it for departmental information.

Technology Requirements

Each student is required to have a personal computer that meets the university's criteria and has the capability to run AutoCAD 2014 (see [here](#)). Students may use either a PC or Mac, but all instruction will be on a PC using Windows. Instructors do not provide technical support for Mac or non-Windows operating systems. Students should also bring their own mouse, mouse pad, 1 GB flash drive, and student version of AutoCAD 2014 (which can be downloaded [here](#) for free). Students are required to have all this equipment and AutoCAD 2014 installed prior to the first day of class.

Assignments

All assignments are due at 11:59 pm EST on the date listed in Canvas. Late assignments are reduced by 10% for each day late. Instructions for assignments are listed in Canvas.

Other than weekly projects, a midterm, and a final project, students will be required to complete two special projects:

1. One is to keep a record of time spent working on AutoCAD each week. Students should include the date, time in 15-minute increments, and a description of the work performed during that time. Students should include a total of all time spent working in AutoCAD at the bottom. Attendance and participation at class meetings and on Canvas is included in this grade.
2. The second is a requirement for students to attend the MID/MFA Portfolio Exhibition at the High Museum on June 11 from 3–5 pm. Students should verify the day and time have not changed one week prior to the event.

Both special projects are heavily weighted in the overall grade.

Grading System

Academic progress and graduation honors are both determined by grades submitted by the instructors at the conclusion of each semester. Final grades represent the cumulative quantity and quality of a student's course work for that semester.

The grading system is as follows:

Grade	Interpretation	Quality Points	
A	<i>Excellent</i>	4	A grade of "A" signifies an exceptional, clear, and creative grasp of the concepts of the course with demonstrated ability to apply this knowledge to specific problem situations. It also means that the student has actively participated in class activities and has completed all material in a neat and timely manner. The material indicates that the student spent extra time, personal energy, and critical reflection in an effort to demonstrate exceptional work.
B	<i>Good</i>	3	A grade of "B" signifies a solid understanding of the major concepts of the course and the ability to apply those concepts. It also means that the student's effort and class participation have exceeded the minimal basic requirements for the course. All assignments were judged to be solid in content and were completed in a timely manner.
C	<i>Average</i>	2	A grade of "C" signifies a satisfactory understanding and application of the concepts of the course as well as minimal participation in class activities. It also indicates that the student completed the appropriate assignments that satisfied the basic course requirements.
D	<i>Poor</i>	1	A grade of "D" signifies a below average demonstration and application of the concepts of the course and/or inadequate preparation in class activities. It may also indicate that assignments were not completed in a satisfactory or timely manner.
F	<i>Failure</i>	0	A grade of "F" signifies that the student has not demonstrated adequate understanding or application of the course material. It may also indicate that the student has not met the attendance or assignment requirements.

Please note that Email is the official means of communication for the University, and all students and faculty are required to utilize the email system. Please check your email account daily while classes are in session and use it for all University correspondence.

Course Evaluation Instruments and Grading

Assignment	Weight/Score etc.
First Project – Google Doc Commands	50 pts
Second Project – Partition Plan	50 pts
Third Project – Furniture Plan	50 pts
Fourth Project – Finish Plan	50 pts
Fifth Project – Reflected Ceiling Plan (RCP)	50 pts
Mid-term Exam	150 pts
Sixth Project – Power and Communications Plan	50 pts
Seventh Project – Interior Elevations	50 pts
Eighth Project – Titleblock/Plot Assignment	50 pts
Final Project	250 pts
Time Log / Attendance	100 pts
MID/MFA Portfolio Exhibition Attendance	100 pts
Total Points	1000 pts

Class Schedule

Week	Start Dates	Topic	Assignment(s)
1	May 4	Intro to CAD, Tools, and Organization	Google Doc Commands
2	May 11	Interpreting and Exploring Drawings	Partition Plan
	May 13	Class Meeting 1 / 6:00-9:15pm EST	
3	May 18	Text, Tables, and Fields	Furniture Plan
4	May 25	*Memorial Day Holiday Week	--
5	June 1	Blocks, Groups, and Hatching	Finish Plan
	June 3	Class Meeting 2 / 6:00-9:15pm EST	
6	June 8	Layers and Layer Management	Reflected Ceiling Plan (RCP)
7	June 15	External References	Mid-term Exam
	June 17	Class Meeting 3 / 6:00-9:15pm EST	
8	June 22	General and Annotative Dimensions	Power/Communications Plan
9	June 29	*July Fourth Holiday Week	--
10	July 6	Model/Layout Space and Viewports	Interior Elevations
	July 8	Class Meeting 4 / 6:00-9:15pm EST	
11	July 13	Titleblocks and Plotting	Titleblock/Plot Assignment
12	July 20	Intermediate Tools and Customization	--
13	July 27	Work on Final Construction Document Set	--
14	August 3	Final Construction Document Set	Final Project

Bibliography

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