



INTERIOR
DESIGNERS
INSTITUTE

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Syllabus

Course **200 SketchUP**

Software SketchUp

Students are required to match the software versions currently installed in the IDI computer labs. If you are unsure, ask before you purchase and install.

Hardware See college requirements for computer hardware available at the front desk, or online

Grading

POINT DISTRIBUTION FOR WEEK 7-12:

Project (see project grade sheet):	75 points
Quiz	20 points
Attendance (1 point deduction for each absence)	5 points
<u>Project process deliverables (2 at 35 points each):</u>	<u>70 points</u>
Total:	170 points

Grades will be combined with points from Weeks 1-6 for one final grade for the class.

Late Work

Late work will only be accepted up to one week after the due date for Project Process Deliverables only. All late work will be deducted 15 initial points and will be subject to further point deduction based on any missing items from the Deliverable Requirements. No points will be given for late work past one week from the original due date. No late work will be accepted for the Final Project or Quiz.

CLASS 7: Basic Model Creation:

Lecture:

Downloading software
Instructor; Window > Instructor
Orbit (scroll button - use as a button)
Pan (scroll button - shift + click)
Zoom (scroll)
Zoom Window (shift + ctrl + w)
Zoom Extents (shift + z)
Rectangle (r)
Axes; red, green, blue
Inference engine: hover; Endpoint, Midpoint,
Intersection, on face, on edge
VCB (Value Control Box)
Push Pull (p)
Select; left/right, number of clicks
Faces
Edges
Delete (Not erase)
Undo (ctrl + z)
Save (including saving to previous versions)

Items to note:

Esc is not the same as in AutoCAD
Use the spacebar, and Ctrl + T

Exercise A:

10' x 10' room example, with a 4' square window
Remember to save your 10' x 10' room for future in class exercises.

CLASS 8: Basic Model Creation (Cont'):

Lecture:

Scenes; Window > Scenes
Move / Copy (m / m + ctrl)
Group creation (select, then right click)
AutoCAD saving to earlier versions
Import; Import a CAD file
Line (l)
Circle (c)

Measure (t)
Offset (f)
Arc (a)
Follow me; Tools > Follow me
Printing
Export, Export Options
Export Resolution

Exercise B:

Add trim to 10'x10' room, at the window

Exercise C:

Add trim to 10'x10' room: base and/or crown

Exercise D:

Export your 10' x 10' room as a .png

CLASS 9: _____ Lab Day:

Work on Deliverable 1:

Build a lobby from provided AutoCAD file

Deliverable 1 Requirements:

35 points: 5 points for each category:

1. Assignment is turned in as a .png
2. Assignment has a min. resolution of 3600 x 1800 ppi
3. Room scene shows floor, ceiling, and min. 2 walls and one window opening
4. All walls have and room partitions have been drawn
5. All floors have been drawn
6. All ceilings have been drawn
7. All trim has been added: window trim, base and crown (if crown and window trim is appropriate to the design)

CLASS 10: _____ Model Modification and Presentation and Refinement:

Due at the beginning of class: Deliverable 1

Review:

Questions from Deliverable 1

Lecture:

Materials (b)
Custom materials; B, then Alt to select existing material,
Select Create Material, rename, scale for
non-repeating materials
Shadows; Window > Shadows, Settings
Camera > Field of View
Component; Window > Component, Warehouse

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*Component creation; Right click context menu,
component implications, change color example,
Use Details to create a collection
Styles; Window > Styles
Custom Style for speed; Create New Style, edges only,
no transparency, turn off background, no
watermarks, turn off section planes and hidden
geometry
Custom style for Watermark background image
Navigation tips; Camera>Look Around, Orbit, Shift to
Pan, Walk, Position Camera with plan view,
Standard Views; Camera > Standard Views,
Utilize Scenes for navigation*

Exercise E:

Add shadows to your 10' x 10' room

Exercise F:

Add materials, styles, and furniture to the 10' x 10' room

Deliverable 2 (homework):

Deliverable 2 Requirements:

35 points: 5 points for each category:

1. Assignment is turned in as a .png
2. Assignment has a min. resolution of 3600 x 1800 ppi
3. All model requirements from Deliverable 1 are included
4. Windows with glass and casings have been added
5. Built in reception desk has been blocked in
6. Furniture items have been added (1 minimum)
7. Shadows have been included

CLASS 11: _____ **Lab Day:**

Due at the beginning of class: Deliverable 2

Review:

Questions from Deliverable 2

**Work on Final Project
(see grading rubric)**

CLASS 12: _____

Due BEFORE the beginning of class: Final Project

Student Presentations of Final Projects

Quiz