

Interior Design 162: COMPUTER-AIDED DESIGN FOR INTERIORS

Instructor: Dan Beert

TENTATIVE TOPIC OUTLINE

6.25.07

All assignments are due at the beginning of the class period unless noted otherwise.

1	M 6/25	Lecture/Demo: Course Intro / Syllabus / Objectives / Lab Use Guidelines / Creating Login Accounts / Review Public Drive Contents / Chap 1, 2, 3, 4 – Windows Overview / Intro to AutoCAD / Drawing Setup / Menus, Toolbars, Command Line Input, Display, Startup Dialog Box, Saving and Managing Files Assign: Read Chapters 1-4; start Ex. 4-1 and 4-2 (heads-up: Practicum) Print all Word Docs in P:\Interior Design\162 - Beert folders and assemble in 3-ring binder /Read Chap 1-3
	W 6/27	Lecture & Activity: Chap 4 – Review Ex. 4-1 and 4-2 / Introduce 4-3, 4-4, 4-5 Basic Commands, Settings, LTSCALE, UCS / Offset // DISTANCE / LIST / PROPERTIES Single Line Text Command (to insert <i>name, date and assignment number</i> on all drawings) Assign: Ex. 4-3, 4-4, 4-5 for Monday 7/2
2	M 7/2	DUE: Exercises 4-3, 4-4, 4-5 ready to print (no working during demo!)/ DUE at End Of Period Lecture/Demo: Chap 7: Text / Start Ex. 7-1 Lecture/Demo: Chap 6 – Printing & Plotting from Model Space pp. 137-145 only; follow instructions in handout: “ <i>Plotting from Model Space.doc</i> ” (on Public Drive folder ID 162-Beert) Activity: Plot exercises 4-3, 4-4, 4-5 in class, submitted before end of period; start Ex. 7-1 Looking Ahead: Review Chapter 8 in Preparation for Wednesday 7/11 – NO MULTILINES (use Offset)
	W 7/4	HOLIDAY
3	M 7/9	Lecture & Activity: Chapter 5 – Exercise 5-1, 5-2 / Polylines / Offset / Trim / Chamfer / Rectangle / Fillet / OSNAP / Running OSNAPS / Rotate / Divide / Measure (Polygon / Array) / ID Point / Fill / Regen Lecture: Single Line/Offset Method / Rectangle / Doors / CSE & SCA Arcs / Hatch (pp. 293-296) Activity: Use single line method for Ex. 5-4/5-5 (Review), use HATCH: SOLID for 5-5 to Poché walls Assign: Ex. 5-1, 5-4, 5-5, 7-1 for Monday 7/16
	W 7/11	DUE: Exercises 5-1, 5-4, 5-5, 7-1 Progress Reviews – get as far along as possible Lecture & Activity: Chap 8: Floor Plan – walls, doors, windows, blocks; single line/offset method Looking Ahead: Preparing for PRACTICUM – Methods & Strategies Chapter 9 – ID 162 Default Dimension Styles REPLACE CH. 9 SETTINGS (Handouts) Assign: Ex. 8-1 for Monday 7/16 – Plotted for Desk Review, checked in but not handed in or graded
4	M 7/16	DUE: Exercises 5-1, 5-4, 5-5, 7-1; Plotted letter size in Model Space; CH5 plans @ 1/4"=1'-0" DUE for DESK REVIEW – In-Progress: Ex. 8-1 Plot @ 1/8" scale on Letter size / Landscape format Lecture & Activity: Chap 9: Dimensioning & Area Calculations; ID 162 Default Dimension Styles / Template Ex. 9-3 Area Calculations (pp. 257-260) / Angle, Diameter, Radius Dimension tools Desk Review of Ex. 8-1 for corrections before completing Ex. 9-1 Assign: Complete 9-1/9-4 for Monday 7/23
	W 7/18	Practicum (60 minutes) Lecture: Introduce Final Design Project – Office Space Plan and Construction Plan Handout: Final Project Description and AutoCAD floor plan (<i>create a workstation drawing in class</i>) Practicum and Basic Command Review
5	M 7/23	Exercises 9-1 and 9-3 (COMBINED: 1 Sheet) Plot to 11x17 from Model Space @ 3/16"=1'-0" Scale DUE: Three Workstation/Block Plan Diagrams for pinup review Lecture & Activity: Pinup Review / Layouts Assign: Preliminary Space Plan / Detailed Workstation Plan(s) for Pinup Review for Monday 7/30
	W 7/25	Lecture: "Paper" Vs. "Model" Spaces; Viewports; Managing Multi-Viewports CH14 (pp. 429-450) Creating Paper Space Layouts – CH 6-3 (pp. 149-152) / Blocks / X-Refs / Insert Title Block Work on modifying space plan; setting up layers, linetypes, layouts, title block; input walls to CAD
6	M 7/30	DUE: Preliminary Space Plan / Detailed Workstation Plan(s) for Pinup Review - plotted @ 1/2" = 1'-0" Lecture & Activity: Design Center Symbols / Plotting Multi-Viewport Layout / Plotting to DJ500 / Layout Setup Review / BRING 18 x 24 PAPER
	W 8/1	DUE: Plan & Title Block (progress) plotted @ 1/8"=1'-0" scale on 18x24 paper for Desk Review Lecture / Activity: Dimensioning & Symbols (scale .5 for 1/2", 1.25 for 1/8") / Cabinet Drawings (Chap 10: Elevations) Line weights (example: Ch10 – Ex1) Review commands/concepts by request
7	M 8/6	DUE: Cabinet/Workstation Elevations in-progress for desk review Final Review Plot in-progress both sheets for pinup review Work Session / Review commands/concepts by request
	W 8/8	7:00 pm – Complete Revised Set Due for Presentation PRINTS COMPLETE & MOUNTED on bulletin boards FOR IN-CLASS REVIEW @ 7:00 SHARP!

NOTE: The instructor reserves the right to amend the syllabus or class schedule at any time during the course of the semester.