# Interior Design 162: COMPUTER-AIDED DESIGN FOR INTERIORS

**Instructor:** Dan Beert  
**TENTATIVE TOPIC OUTLINE**

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

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<th>Date</th>
<th>Activity</th>
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| 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 Beert  
Note: DUE @ End Of Period on Monday 7/2  
| 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 name, date and assignment number on all drawings)  
Assign: Ex. 4-3, 4-4, 4-5 for Monday 7/2  
| 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: “Plotting from Model Space.doc” (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  
| 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 / Dores / 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 – Practiced for Desk Review, checked in but not handed in or graded  
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 (create a workstation drawing in class)  
Practicum and Basic Command Review  
| 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: Preliminary Space Plan / Detailed Workstation Plan(s) for Pinup Review for Monday 7/30  
Assign: Preliminary Space Plan / Detailed Workstation Plan(s) for Pinup Review for Monday 7/30  
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  
W 7/25 | 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 7/30 | DUE: Plan & Title Block (progress) plotted @ 1/8"=1'-0" scale on 18x24 paper for Desk Review  
Lecture / Activity: Dimensioning & Symbols (scale .5 for ½", 1.25 for 1/8") / Cabinet Drawings (Chap 10: Elevations) Line weights (example: Ch10 – Ex1)  
Review commands/concepts by request  
| W 8/1 | 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.