

tentative schedule
spring 2012

Dan Beert

dan.beert@bellevuecollege.edu

Wk	Date	Lecture Material and Activity	Assignments	Assignments Due
1	M Apr 2	Orientation : Books, Resources, File Storage, GUI, UCS User Coordinate System, Pan, Zoom, Input options Ch 02 Lines & Shapes : Line, Erase, Selection methods, Ortho, Direct Distance Entry [DDFD : p. 15] Circle, Rectangle, Polygon, Arc, Ellipse, Object Snaps, Running OSNAP, Units, Undo [DDFD : 24-25]	Shrock : Read 7-1 – 7-11, 10-1 – 10-5; other commands covered in Lecture-Activity DDFD : Read Ch 01, 02, 03, 04 and practice the exercises on pp. 24-25	
	W Apr 4	Drawing Setup for Assignments 01-04 Ch 03 Modifying Lines & Shapes : Move, Copy, Rotate-Reference, Mirror, Stretch [DDFD : 33-36] Ch 04 Drawing w/ Accuracy & Speed : Key Shortcuts, Polylines (& PEDIT), Grips, Trim, Extend, Offset Start : 01 Workstation and 02 Office Plans 03 Dining Room Plan – Drawing Setup & Routines, Drawing doors	In Class: Prepare drawing files for 01, 02, 03 Drawing Assignments w/out text 01 : Workstation Plan 02 : Office Plan 03 : Dining Room Plan Shrock : Review Lecture-Activity commands DDFD : Exercise 47-50 (practice)	Readings
2	M Apr 9	Ch 04 Drawing w/ Accuracy & Speed : Fillet, Polar Array, Rectangular Array, Break, Explode Ch 10 Distance Shrock : List, Area, Linetype Scale LTSCALE setting Start : 03 Dining Room Plan	Shrock : Review 1-22 Distance, List, Area, and other Lecture-Activity commands DDFD : Read Ch 05, 08	Milestone: 01, 02, 03 walls, doors complete; layers created and objects assigned; furniture drawings in progress
	W Apr 11	Ch 14 [learning exercise only] : Draw casework, add solid color hatch, create graphic scale as directed	Shrock : Review Lecture-Activity commands DDFD : Read Ch 12 DDFD Learning Exercises E1, E2, E3 E1 : 74-79 : layers, grid, columns, walls E2 : 120-123 : hatching, stairs, dashed line overhead elements E3 : 212-213 : casework, graphic scale	

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3	M Apr 16	Printing to scale from model space to laser printer. Eames Review: Learning Exercises E1-E3 DDFD-FULL.ctb plotstyle [re: lineweight by color] 04-06 Review: Drawing classroom desk, Rectangular Array, Drawing Elevations [review sample cabinet construction drawings] Ch 05 Review : Typical Plan Layers-Lineweights, Line weight, Colors, Layers, Properties Bar, Poché Ch 08 Hatches & Dashed Lines : Adding Linetypes LTSCALE (review)	Shrock : Lecture commands DDFD : Read Ch 06, 07, 09 04 : Classroom Plan 06 : Kitchen Elevation	Assignments 01, 02, 03 drawings complete, no text
	W Apr 18	Ch 07 Text Styles/Sizes : Calculating text height, Text Styles, Text, MText, Edit text: ED, Edit text height: Properties [ch 10 138] Work on Assignments 01-06	Shrock : Review Lecture-Activity commands DDFD Learning Exercises E4, E5, E6 E4 : 100-101 : title block, viewports E5 : 110-111 : title text, room labels	<i>Milestone</i> : DDFD Learning Exercises E1, E2, E3
4	M Apr 23	Ch 06 Printing to Scale : Paperspace Layout, Scale factors, Plot styles, Creating a layout [92-93], Creating, scaling & locking Viewports, Plotting	Shrock : Review Lecture-Activity commands DDFD : Read Ch 11, 13 E6 : 134-135 : door block	Assignments 01, 02, 03, 04 w/ text
	W Apr 25	Ch 09 Blocks : Create Block, "Layer 0" rule, Insert block, Explode block, WBlock exporting, Edit block Work on Eames House [Ch 10 Advanced: Properties, Match Properties, Overkill] [Ch 08 Hatches & Dashed Lines : <i>Graded Fills</i>] Ch 10 Advanced: Scale, Scale Reference	Shrock : Review Lecture-Activity commands E7 : 174-175 : dimension the drawing E8 : 200-201 : grid and drawing symbols <i>Bring 18x24 paper for plotting to next class</i>	Assignment 06 w/ text <i>Milestone</i> : DDFD Learning Exercises E4, E5, E6
5	M Apr 30	Plotting to DesignJet plotters Ch 11 Dimensioning Ch 10 : 147 Cleanup Eames Drawing Learning Exercise		Bring 18x24 Paper Eames test plots <i>Milestone</i> : DDFD Learning Exercises E7, E8
	W May 2	Introduce Final Project : Design Office Program, Block Diagrams and Space Planning Guidelines Office Space	SK01 Three Block Diagrams due in one week : hand-drawn sketches per instructions <i>Eames House Due next class</i>	

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6	M May 7	Review Instruction Document Drawing setups: A1, A2. Modify Assign #1 drawing to create Workstation drawing. XREF process. See: APPENDIX C & D Inserting and modifying title block; Insert/Attach logo graphic Furniture, Design Center blocks, DC Online	Begin furniture and room layout plans in AutoCAD for these areas: Equipment/Workroom, Reception, Conference Room, Closets, Meeting Room, Phone Room, Studio Support Spaces	Due : Eames House 100% complete, beginning of class
	W May 9	Review Block Diagrams Space Planning Guidelines: Anthropometrics and Graphic Standards Work Strategies for Design Studios and Collaborative Activity	SK02 Preliminary Space Plan due for review next class period: hand-sketched w/ line weights @ 1/8"=1'-0" scale – on tracing paper w/ line weights, poché ; walls, doors, furniture locations roughed in (simple shapes), areas/rooms labeled.	SK01 Three Block Diagrams
7	M May 14	Desk Crits – Students: Last names A-M Review first space plan sketch : SK02	AutoCAD furniture and room layout drawings. Begin creating AutoCAD drawing of space plan, after review with instructor.	<i>Due : SK02 Preliminary Space Plan, beginning of class</i>
	W May 16	Desk Crits – Students: Last names N-Z Review first space plan sketch : SK02	AutoCAD furniture and room layout drawings. Begin creating AutoCAD drawing of space plan, after review with instructor.	SK02 Reviews for those not seen last class
8	M May 21	Layer management: using Layer States to switch layer visibility between construction and furniture plan as you work.	Create Layer States for CP and FP viewports in A1 paper space layout. SK03 Final Space Plan due next week	
	W May 23	Review Final Space Plans Ch 13 Symbols & Attributed Text for Construction Drawing Creating leader lines to annotate [See Multileader and Multileader Style commands in Shrock, and instruction handout]	Begin dimensioning and symbols on A1 sheet Shrock : 3-37 Multileader Read : Multileader Style Handout and set up in drawings per instructions	Due: Completed AutoCAD drawing of space plan

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Wk	Date	Lecture Material and Activity	Assignments	Assignments Due
9	M 28	Holiday		
	W May 30	Review Final Space Plans Demonstration:		Construction Plan on 11x17 Furniture Plan on 11x17 Workstation on letter-size Logo
10	M Jun 4	Ch 10 Advanced: Audit, Overkill, Purge		Due Beginning of Class: Full-size plot of A1 & A2. Progress.
	W Jun 6			
11	M Jun 11			
	W Jun 13	3:30-5:20 Final Session		

NOTE: The instructor reserves the right to amend the syllabus or class schedule at any time during the course of the quarter, and if amended will post revisions.