



DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 110 SPRING 2022

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WEEK	DAY	TECHNICAL GRAPHICS COMMUNICATION COURSEWARE	ASCENT COURSEWARE	ASSIGNMENTS
1	1/19	Introduction to DDGT 110 Course Introduction to Hy-Flex Overview of Syllabi and Schedule Kitchen Safety Download and Install AutoCAD		Bring in a 3" Binder or two 1.5" Binders TGC - Read Chapter 6 Technical Drawing Tools FOR 1/24 #0 Download and Install AutoCAD #1 Signed Syllabus #2 Signed Kitchen Safety Sheets
2	1/24	TGC - Review Chapter 6 Technical Drawing Tools Scales - Metric		#3 - 6.5 Metric Scales (p225) QUIZ CHAPTER 6 (CANVAS) DUE 1/31
	1/26	Student Login Process Canvas Overview Canvas Phone App Student Email Forwarding Windows File Management Setup AutoCAD Exercises Download Dropbox Assignment Submissions AutoCAD Setup Scales - Architect		#4 - Architect Fractional Inch vs Engineer Decimal Inch Scales #5 - 6.7 Architect's Scale (p227)
3	1/31	Scales - Engineer	Chapter 1 - Getting Started with AutoCAD	TGC - Read Chapter 7 Sketching and Text READING PARTICIPATION ASSIGNMENT ONLINE DUE 2/2 #6 - 6.6 Engineer's Scale (p226)

	2/2	Review of Chapter 7 Sketching and Text Linetypes	Chapter 2 - Basic Drawing & Editing Commands	QUIZ CHAPTER 7 AND LINETYPES (CANVAS) DUE 2/9
4	2/7		Chapter 4 - Drawing Precision in AutoCAD	
	2/9	4-37 Demo Part I	Chapter 5 - Making Changes in Your Drawing OFFSET & ALIGN	#7 - ASCENT - Practice 5B
5	2/14	LAB DAY		TGC - Read Chapter 8.1-8.5, 8.10, 8.12.1 Engineering Geometry and Construction READING PARTICIPATION ASSIGNMENT ONLINE DUE 2/16
	2/16	Review Chapter 8.1-8.5, 8.10, 8.12.1 Engineering Geometry and Construction 4-37 Demo Part II		SINGLE VIEW DRAWINGS: #8 - 4-37 Template #9 - 4-39 Shaft Support #10 - 4-38 Carburetor Gasket #11 - 4-36 Gasket #12 - 4-46 Reel Slide #13 - Third Angle Projection Symbol** (Online Video) COMPLETED WITH 100% BY 3/16 #14 - Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 3/23 #15 - 5-31 Adjustable Fork #16 - 8-100 Gasket E.C.#1 - 8.151 Filter QUIZ CHAPTER 8 (CANVAS) DUE 2/23
6	2/21	HOLIDAY - PRESIDENT'S DAY		

	2/23	TEMPLATES SESSION 1 - Introduction Layers (Metric Template, LTS = 25.4)	Chapter 7 - Organizing Your Drawing with Layers	
7	2/28		Chapter 8 - Advanced Object Types	
	3/2		Chapter 9 - Analyzing Model and Object Properties	TGC - Read Chapter 10 Multiview Drawings READING PARTICIPATION ASSIGNMENT ONLINE DUE 3/7
8	3/7	Review Chapter 10 Multiview Drawings		MULTIVIEW DRAWINGS: #17 - 5-32 Rocker Arm #18 - 6-80 Adjusting Guide #19 - 6-85 Angle Block #20 - 6-86 Base Plate
	3/9		Chapter 11 - Advanced Editing Commands	QUIZ CHAPTER 10 (CANVAS) DUE 3/14 REMINDER: Third Angle Projection Symbol** (Online Video) COMPLETED WITH 100% BY 3/16
9	3/14	LAB DAY		
	3/16	TEMPLATES SESSION 2 - 3rd Angle Projection and Metric Symbol Blocks	Chapter 12 - Blocks	REMINDER: Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 3/23 TGC - Read Chapter 13 Auxiliary Views READING PARTICIPATION ASSIGNMENT ONLINE DUE 3/21

10	3/21	Review Chapter 13 Auxiliary Views	Chapter 27 - Creating Templates	AUXILIARY VIEW DRAWINGS: #21 - 7-43 Angle Bracket #22 - 7-46 Cross Slide Bracket #23 - 7-58 Hexagon Slot Support E.C.#2 - 7-53 Connecting Bar E.C.#3 - 7-59 Dovetail Bracket QUIZ CHAPTER 13 (CANVAS) DUE 3/28
	3/23	TEMPLATES SESSION 3 - Layout Tabs and Title Blocks	Chapter 14 - Setting Up a Layout Chapter 15 - Printing Your Drawing	
11	3/28	TEMPLATES SESSION 4 - Annotation Styles + Table Styles	Chapter 29 - Annotation Styles	
	3/30	TEMPLATES SESSION 5 - Title Block Text / Legend / General Notes	Chapter 17 - Text (Part I)	
12	4/4	TEMPLATES SESSION 6 - Parts List This completes Imperial Template Metric Template Completion (Add Metric Symbol)	Chapter 17 - Text (Part II - Tables)	
	4/6	7-58 Demo AutoCAD and Inventor** (Online Video)	Chapter 28 - Working With Layouts	Read Chapter 17.1-17.4 Dimensioning Practices READING PARTICIPATION ASSIGNMENT ONLINE DUE 4/18
13	4/11	SPRING BREAK 4-11 - 4/15		
	4/13	SPRING BREAK 4-11 - 4/15		
14	4/18	Review Chapter 17.1-17.4 Dimensioning Practices	Chapter 19 - Adding Dimensions	FULL WORKING DRAWINGS: #24 - 8-100 Gasket WD (Visual Check Off)** (Online Video) #25 - 8-83 Adjusting Table Support (Visual Check Off) (Online) QUIZ CHAPTER 17.1-17.4 (CANVAS) DUE 4/25

	4/20	8-100 Demo** (Online Video)		TGC - Read Chapter 16 Section Views READING PARTICIPATION ASSIGNMENT ONLINE DUE 4/25
15	4/25	Review Chapter 16 Section Views Print Room Etiquette	Chapter 18 - Hatching	SECTION VIEW DRAWINGS: #26 - 9-35 Shaft Base WD (PRINT) (Online) QUIZ CHAPTER 16 (CANVAS) DUE 5/2
	4/27		Chapter 21 - Working Effectively with AutoCAD	E.C.#4 - 9-51 Caster WD (PRINT) (Online) TGC - Read Chapter 17.5-17.9 Tolerancing Practices READING PARTICIPATION ASSIGNMENT ONLINE DUE 5/2
16	5/2	Review Chapter 17.5-17.9 Tolerancing Practices	Chapter 22 - Accurate Positioning Chapter 24 - Parametric Drawing** (Optional)	E.C.#5 - Reverse Engineering: Flanged Support (Extra Credit - METRIC, Part is 1:2 scale, WD Print 1:1 - See Instructor first) QUIZ CHAPTER 17.5-17.9 (CANVAS) DUE 5/9
	5/4	LAB DAY		
17	5/9		Chapter 25 - Working With Blocks	
	5/11		Chapter 31 - External References	QUIZ ASCENT (CANVAS) DUE 5/18
18	5/16	Autodesk Certificate		
	5/18	Review For Final		
		FINAL - TBA <i>Note: All assignments must be turned at the end of the scheduled final.</i>		

The instructor reserves the right to change the schedule as the instructor sees fit.

Revised 12/22/2021 GS v1.0

**** Note:** This will be supplied as a video lecture to be accessed under "DDGT110" on the DDGT.net website.