



DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 110 FALL 2021

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WEEK	DAY	TECHNICAL GRAPHICS COMMUNICATION COURSEWARE	ASCENT COURSEWARE	ASSIGNMENTS
1	8/16	Introduction to DDGT 110 Course Overview of Syllabi and Schedule Kitchen Safety		Bring in a 3" Binder or two 1.5" Binders TGC - Read Chapter 6 Technical Drawing Tools FOR 8/18 #1 - Signed Syllabus #2 - Signed Kitchen Safety Sheets
	8/18	TGC - Review Chapter 6 Technical Drawing Tools Scales - Metric		#3 - 6.5 Metric Scales (p225) QUIZ CHAPTER 6 (CANVAS)
2	8/23	Student Login Process Canvas Overview Canvas Phone App Student Email Forwarding Windows File Management Setup Dropbox Assignment Submissions Setup AutoCAD Setup Scales - Architect		#4 - Architect Fractional Inch vs Engineer Decimal Inch Scales #5 - 6.7 Architect's Scale (p227) QUIZ (CANVAS)
	8/25	Scales - Engineer	Chapter 1 - Getting Started with AutoCAD	TGC - Read Chapter 7 Sketching and Text READING PARTICIPATION ASSIGNMENT ONLINE DUE 8/30 #6 - 6.6 Engineer's Scale (p226)

3	8/30	Review of Chapter 7 Sketching and Text Linetypes	Chapter 2 - Basic Drawing & Editing Commands	QUIZ CHAPTER 7 AND LINETYPES (CANVAS)
	9/1		Chapter 4 - Drawing Precision in AutoCAD	
4	9/6	HOLIDAY - LABOR DAY		
	9/8	4-37 Demo Part I	Chapter 5 - Making Changes in Your Drawing OFFSET & ALIGN	#7 - ASCENT - Practice 5B TGC - Read Chapter 8.1-8.5, 8.10, 8.12.1 Engineering Geometry and Construction READING PARTICIPATION ASSIGNMENT ONLINE DUE 9/13
5	9/13	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 (Online) #9 - 4-39 Shaft Support (Online) #10 - 4-38 Carburetor Gasket (Online) #11 - 4-36 Gasket (Online) #12 - 4-46 Reel Slide (Online) #13 - Third Angle Projection Symbol** (Online Video) COMPLETED WITH 100% BY 10/11 #14 - Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 10/18 #15 - 5-31 Adjustable Fork (Online) #16 - 8-100 Gasket (Online) E.C.#1 - 8.151 Filter (Online and on p393 Extra Credit)
				QUIZ CHAPTER 8 (CANVAS)

	9/15	TEMPLATES SESSION 1 - Introduction to Layers	Chapter 7 - Organizing Your Drawing with Layers	
6	9/20		Chapter 8 - Advanced Object Types	
	9/22		Chapter 9 - Analyzing Model and Object Properties	TGC - Read Chapter 10 Multiview Drawings READING PARTICIPATION ASSIGNMENT ONLINE DUE 9/27
7	9/27	Review Chapter 10 Multiview Drawings		MULTIVIEW DRAWINGS: #17 - 5-32 Rocker Arm (Online) #18 - 6-80 Adjusting Guide (Online) #19 - 6-85 Angle Block (Online) #20 - 6-86 Base Plate (Online)
	9/29	LAB DAY		QUIZ CHAPTER 10 (CANVAS)
8	10/4		Chapter 11 - Advanced Editing Commands	REMINDER: #13 - Third Angle Projection Symbol** (Online Video) COMPLETED WITH 100% BY 10/11
	10/6	LAB DAY		
9	10/11	TEMPLATES SESSION 2 - 3rd Angle Projection and Metric Symbol Blocks	Chapter 12 - Blocks	REMINDER: #14 - Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 10/18
				TGC - Read Chapter 13 Auxiliary Views READING PARTICIPATION ASSIGNMENT ONLINE DUE 10/13

10/13	Review Chapter 13 Auxiliary Views	Chapter 27 - Creating Templates	AUXILIARY VIEW DRAWINGS: #21 - 7-43 Angle Bracket (Online) #22 - 7-46 Cross Slide Bracket (Online) #23 - 7-58 Hexagon Slot Support (Online) E.C.#2 - 7-53 Connecting Bar (Extra Credit) E.C.#3 - 7-59 Dovetail Bracket (Extra Credit)
QUIZ CHAPTER 13 (CANVAS)			
10	10/18 TEMPLATES SESSION 3 - Layout Tabs and Title Blocks	Chapter 14 - Setting Up a Layout Chapter 15 - Printing Your Drawing	
	10/20 TEMPLATES SESSION 4 - Annotation Styles + Table Styles	Chapter 29 - Annotation Styles	
11	10/25 TEMPLATES SESSION 5 - Title Block Text / Legend / General Notes	Chapter 17 - Text (Part I)	
	10/27 TEMPLATES SESSION 6 - Parts List This completes Imperial Template Metric Template Completion (Add Metric Symbol)	Chapter 17 - Text (Part II - Tables)	
12	11/1 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 11/3
	11/3 Review Chapter 17.1-17.4 Dimensioning Practices	Chapter 19 - Adding Dimensions	FULL WORKING DRAWINGS: #24 - 8-100 Gasket WD (PRINT)** (Online Video) #25 - 8-83 Adjusting Table Support (Visual Check Off) (Online)
QUIZ CHAPTER 17.1-17.4 (CANVAS)			
13	11/8 Quiz Chapter 17 - Part 1 8-100 Demo** (Online Video) Print Room Etiquette		TGC - Read Chapter 16 Section Views READING PARTICIPATION ASSIGNMENT ONLINE DUE 11/10
	11/10 Review Chapter 16 Section Views 9-35 Demo	Chapter 18 - Hatching	

14	11/15		Chapter 21 - Working Effectively with AutoCAD	E.C.#4 - 9-51 Caster WD (100 points EXTRA CREDIT - PRINT) TGC - Read Chapter 17.5-17.9 Tolerancing Practices READING PARTICIPATION ASSIGNMENT ONLINE DUE 11/17
11/17	Review Chapter 17.5-17.9 Tolerancing Practices	Chapter 22 - Accurate Positioning Chapter 24 - Parametric Drawing** (Optional)		E.C.#5 - Reverse Engineering: Flanged Support (100 points EXTRA CREDIT - METRIC, PART IS 1:2 SCALE, WD PRINT 1:1 - See Instructor first)
QUIZ CHAPTER 17.5-17.9 (CANVAS)				
15	11/22	LAB DAY		
	11/24	NON-INSTRUCTIONAL DAY		
16	11/29	Chapter 25 - Working With Blocks		
	12/1	Chapter 31 - External References	QUIZ ASCENT (CANVAS)	
17	12/6	Autodesk Certificate		
	12/8	Review For Final		
	12/13	Final 6:00 - 8:00pm 8pm the day of the final is the deadline for all assignment submissions. Time to be confirmed.		

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

Revised 6/9/2021 GJS

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