



DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 110 SPRING 2021

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WEEK	DAY	TECHNICAL GRAPHICS COMMUNICATION COURSEWARE	ASCENT COURSEWARE	ASSIGNMENTS
1	1/20	Introduction to DDGT 110 Course Overview of Syllabi and Schedule Kitchen Safety		Bring in a 3" Binder or two 1.5" Binders Download Software TGC - Read Chapter 6 Technical Drawing Tools FOR 1/25 #1 Signed Syllabus #2 Signed Kitchen Safety Sheets
2	1/25	TGC - Review Chapter 6 Technical Drawing Tools Scales - Metric		#3 - 6.5 Metric Scales (p225) QUIZ CHAPTER 6 (CANVAS)
	1/27	Review Quiz Chapter 6 Student Login Process Canvas Overview Canvas Phone App Student Email Forwarding Windows File Management Setup Dropbox Assignment Submissions AutoCAD Setup Scales - Architect		#4 - Architect Fractional Inch vs Engineer Decimal Inch Scales #5 - 6.7 Architect's Scale (p227) QUIZ (CANVAS)
3	2/1	Scales - Engineer	Chapter 1 - Getting Started with AutoCAD	TGC - Read Chapter 7 Sketching and Text READING PARTICIPATION ASSIGNMENT ONLINE DUE 2/3 #6 - 6.6 Engineer's Scale (p226)

	2/3	Review of Chapter 7 Sketching and Text Linetypes	Chapter 2 - Basic Drawing & Editing Commands	QUIZ CHAPTER 7 AND LINETYPES (CANVAS)
4	2/8	Review Quiz Chapter 7 and Linetypes	Chapter 4 - Drawing Precision in AutoCAD	
	2/10	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 2/17
5	2/15	HOLIDAY - PRESIDENT'S DAY		
	2/17	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 3/17 #14 - Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 3/24 #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)

6	2/22	Review Quiz Chapter 8 TEMPLATES SESSION 1 - Introduction Layers (Metric Template, LTS = 25.4)	Chapter 7 - Organizing Your Drawing with Layers	
	2/24	LAB DAY		
7	3/1		Chapter 8 - Advanced Object Types	
	3/3		Chapter 9 - Analyzing Model and Object Properties	TGC - Read Chapter 10 Multiview Drawings READING PARTICIPATION ASSIGNMENT ONLINE DUE 3/8
8	3/8	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) QUIZ CHAPTER 10 (CANVAS)
	3/10	Review Quiz Chapter 10	Chapter 11 - Advanced Editing Commands	REMINDER: Third Angle Projection Symbol** (Online Video) COMPLETED WITH 100% BY 3/17
9	3/15	LAB DAY		
	3/17	TEMPLATES SESSION 2 - 3rd Angle Projection and Metric Symbol Blocks	Chapter 12 - Blocks	REMINDER: Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 3/24 TGC - Read Chapter 13 Auxiliary Views READING PARTICIPATION ASSIGNMENT ONLINE DUE 3/22

10	3/22	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)
	3/24	Review Quiz Chapter 13 TEMPLATES SESSION 3 - Layout Tabs and Title Blocks	Chapter 14 - Setting Up a Layout Chapter 15 - Printing Your Drawing	
11	3/29	SPRING BREAK 3/29 - 4/2		
	3/31	SPRING BREAK 3/29 - 4/2		
12	4/5	TEMPLATES SESSION 4 - Annotation Styles + Table Styles	Chapter 29 - Annotation Styles	
	4/7	TEMPLATES SESSION 5 - Title Block Text / Legend / General Notes	Chapter 17 - Text (Part I)	
13	4/12	TEMPLATES SESSION 6 - Parts List This completes Imperial Template Metric Template Completion (Add Metric Symbol)	Chapter 17 - Text (Part II - Tables)	
	4/14	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 4/19

14	4/19	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)
	4/21	Review Quiz Chapter 17 - Part 1 8-100 Demo** (Online Video)		QUIZ CHAPTER 17.1-17.4 (CANVAS) TGC - Read Chapter 16 Section Views READING PARTICIPATION ASSIGNMENT ONLINE DUE 4/26
15	4/26	Review Chapter 16 Section Views Print Room Etiquette	Chapter 18 - Hatching	SECTION VIEW DRAWINGS: #26 - 9-35 Shaft Base WD (PRINT) (Online)
	4/28	Review Quiz Chapter 16	Chapter 21 - Working Effectively with AutoCAD	QUIZ CHAPTER 16 (CANVAS) E.C.#4 - 9-51 Caster WD (PRINT) (Online) TGC - Read Chapter 17.5-17.9 Tolerancing Practices READING PARTICIPATION ASSIGNMENT ONLINE DUE 5/3
16	5/3	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)
	5/5	Review Quiz Chapter 17.5-17.9 LAB DAY		QUIZ CHAPTER 17.5-17.9 (CANVAS)
17	4/10		Chapter 25 - Working With Blocks	
	5/12		Chapter 31 - External References	QUIZ ASCENT (CANVAS)
18	5/17	Review Quiz Ascent Courseware Autodesk Certificate		
	5/19	Review For Final		

FINAL - TBA

*Note: All assignments must be turned at
the end of the scheduled final.*

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

Revised 1/10/2021 GJS v1.0

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