



DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 110 FALL 2022

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WEEK	DAY	TECHNICAL GRAPHICS COMMUNICATION COURSEWARE	ASCENT COURSEWARE	ASSIGNMENTS
1	8/15	Introduction to DDGT 110 Course Introduction to Hy-Flex Overview of Syllabi and Schedule Kitchen Safety Download and Install AutoCAD Download Technical Graphics Communication Textbook		Bring in a 3" Binder or two 1.5" Binders TGC - Read Chapter 6 Technical Drawing Tools FOR 8/17 #0 Download and Install AutoCAD #1 Signed Syllabus #2 Signed Kitchen Safety Sheets
	8/17	TGC - Review Chapter 6 Technical Drawing Tools Scales - Metric		#3 - 6.5 Metric Scales (p225) QUIZ 1 CHAPTER 6 (CANVAS) DUE 8/24
2	8/22	Student Login Process Canvas Overview Canvas Phone App Student Email Forwarding Windows File Management Setup AutoCAD Exercises Download Dropbox Assignment Submissions AutoCAD Setup Scales - Fractional Inch vs Decimal Inch Scales - Architect		#4 - Architect Fractional Inch vs Engineer Decimal Inch Scales #5 - 6.7 Architect's Scale (p227)
	8/24	Scales - Engineer	Chapter 1 - Getting Started with AutoCAD	CANVAS DISCUSSION 1 DUE 8/29 TGC - Read Chapter 7 Sketching and Text #6 - 6.6 Engineer's Scale (p226)

3	8/29	Review of Chapter 7 Sketching and Text Linetypes	Chapter 2 - Basic Drawing & Editing Commands	QUIZ 2 CHAPTER 7 AND LINETYPES (CANVAS) DUE 9/7
	8/31		Chapter 4 - Drawing Precision in AutoCAD	CANVAS DISCUSSION 1 FOLLOW UP TGC - Read Chapter 7 Sketching and Text DUE 9/7
4	9/5	HOLIDAY - LABOR DAY		
	9/7	4-37 Demo Part I	Chapter 5 - Making Changes in Your Drawing OFFSET & ALIGN	#7 - ASCENT - Practice 5B
5	9/12	LAB DAY		CANVAS DISCUSSION 2 DUE 9/14 TGC - Read Chapter 8.1-8.5, 8.10, 8.12.1 Engineering Geometry and Construction
	9/14	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 3 CHAPTER 8 (CANVAS) DUE 9/21

6	9/19	LAB DAY		CANVAS DISCUSSION 2 FOLLOW UP TGC - Read Chapter 8.1-8.5, 8.10, 8.12.1 Engineering Geometry and Construction DUE 9/21
	9/21	TEMPLATES SESSION 1 - Introduction Layers (Metric Template, LTS = 25.4)	Chapter 7 - Organizing Your Drawing with Layers	
7	9/26		Chapter 8 - Advanced Object Types	
	9/28		Chapter 9 - Analyzing Model and Object Properties	CANVAS DISCUSSION 3 DUE 10/3 TGC - Read Chapter 10 Multiview Drawings
8	10/3	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 QUIZ 4 CHAPTER 10 (CANVAS) DUE 10/10
	10/5		Chapter 11 - Advanced Editing Commands	REMINDER: Third Angle Projection Symbol** (Online Video) COMPLETED WITH 100% BY 10/12 CANVAS DISCUSSION 3 FOLLOW UP TGC - Read Chapter 10 Multiview Drawings DUE 10/10

9	10/10	TEMPLATES SESSION 2 - 3rd Angle Projection and Metric Symbol Blocks	Chapter 12 - Blocks	REMINDER: Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 10/17 CANVAS DISCUSSION 4 DUE 10/12 TGC - Read Chapter 13 Auxiliary Views
	10/12	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 5 CHAPTER 13 (CANVAS) DUE 10/19
10	10/17	TEMPLATES SESSION 3 - Layout Tabs and Title Blocks	Chapter 14 - Setting Up a Layout Chapter 15 - Printing Your Drawing	CANVAS DISCUSSION 4 FOLLOW UP TGC - Read Chapter 13 Auxiliary Views DUE 10/19
	10/19	TEMPLATES SESSION 4 - Annotation Styles + Table Styles	Chapter 29 - Annotation Styles	
11	10/24	TEMPLATES SESSION 5 - Title Block Text / Legend / General Notes	Chapter 17 - Text (Part I)	
	10/26	TEMPLATES SESSION 6 - Parts List This completes Imperial Template Metric Template Completion (Add Metric Symbol)	Chapter 17 - Text (Part II - Tables)	
12	10/31	LAB DAY		
	11/2	7-58 Demo AutoCAD and Inventor** (Online Video)	Chapter 28 - Working With Layouts	CANVAS DISCUSSION 5 DUE 11/7 TGC - Read Chapter 17.1-17.4 Dimensioning Practices

13	11/7	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 6 CHAPTER 17.1-17.4 (CANVAS) DUE 11/14
	11/9	8-100 Demo** (Online Video)		CANVAS DISCUSSION 5 FOLLOW UP TGC - Read Chapter 17-1-17.4 Dimensioning Practices DUE 11/14 CANVAS DISCUSSION 6 DUE 11/14 TGC - Read Chapter 16 Section Views
14	11/14	Review Chapter 16 Section Views Print Room Etiquette	Chapter 18 - Hatching	SECTION VIEW DRAWINGS: #26 - 9-35 Shaft Base WD (PRINT) (Online) QUIZ 7 CHAPTER 16 (CANVAS) DUE 11/21
	11/16		Chapter 21 - Working Effectively with AutoCAD	E.C.#4 - 9-51 Caster WD (PRINT) (Online) CANVAS DISCUSSION 6 FOLLOW UP TGC - Read Chapter 16 Section Views DUE 11/21 CANVAS DISCUSSION 7 DUE 11/21 TGC - Read Chapter 17.5-17.9 Tolerancing Practices

15 11/21 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 8 CHAPTER 17.5-17.9 (CANVAS) DUE 11/28

CANVAS DISCUSSION 7 FOLLOW UP
TGC - Read Chapter 17-.5-17.9
Tolerancing Practices
DUE 11/28

	11/23	HOLIDAY - NON-INSTRUCTIONAL DAY	
16	11/28	Chapter 25 - Working With Blocks	
	11/30	Chapter 31 - External References	
17	12/5	Autodesk Certificate	
	12/7	Review For Final	
18	12/12	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 6/10/2022 GS v1.0

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