



DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 110 FALL 2023

www.ddgt.net

707-256-7526

WEEK	DAY	TECHNICAL GRAPHICS COMMUNICATION COURSEWARE	ASCENT COURSEWARE	ASSIGNMENTS
1	8/14	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 8/16 #0 Download and Install AutoCAD #1 Signed Syllabus #2 Signed Kitchen Safety Sheets
	8/16	TGC - Review Chapter 6 Technical Drawing Tools Scales - Metric		#3 - 6.5 Metric Scales (p225) CANVAS QUIZ 1 CHAPTER 6 DUE 8/23
2	8/21	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)

8/23 Scales - Engineer

Chapter 1 - Getting Started with AutoCAD

CANVAS DISCUSSION 1 DUE 8/28
TGC - Read Chapter 7 Sketching and Text

#6 - 6.6 Engineer's Scale (p226)

3	8/28	Review of Chapter 7 Sketching and Text Linetypes	Chapter 2 - Basic Drawing & Editing Commands	CANVAS QUIZ 2 CHAPTER 7 AND LINETYPES DUE 9/6
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8/30

Chapter 4 - Drawing Precision in AutoCAD

CANVAS DISCUSSION 1 FOLLOW UP
TGC - Read Chapter 7 Sketching and Text
DUE 9/6

4	9/4	HOLIDAY - LABOR DAY		
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9/6 4-37 Demo Part I

Chapter 5 - Making Changes in Your Drawing
OFFSET & ALIGN

#7 - ASCENT - Practice 5B

5	9/11	LAB DAY		
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CANVAS DISCUSSION 2 DUE 9/13
TGC - Read Chapter 8.1-8.5, 8.10, 8.12.1
Engineering Geometry and Construction

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

#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 10/9

#14 - Title Block ANSI B** (Online Video)

COMPLETED WITH 100% BY 10/16

#15 - 5-31 Adjustable Fork

#16 - 8-100 Gasket

E.C.#1 - 8.151 Filter

CANVAS QUIZ 3 CHAPTER 8

DUE 9/20

6	9/18	LAB DAY		CANVAS DISCUSSION 2 FOLLOW UP TGC - Read Chapter 8.1-8.5, 8.10, 8.12.1 Engineering Geometry and Construction DUE 9/20
	9/20	TEMPLATES SESSION 1 - Introduction Layers (Metric Template, LTS = 25.4)	Chapter 7 - Organizing Your Drawing with Layers	
7	9/25		Chapter 8 - Advanced Object Types	
	9/27		Chapter 9 - Analyzing Model and Object Properties	CANVAS DISCUSSION 3 DUE 10/2 TGC - Read Chapter 10 Multiview Drawings
8	10/2	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 CANVAS QUIZ 4 CHAPTER 10 DUE 10/9

10/4

Chapter 11 - Advanced Editing Commands

REMINDER:

Third Angle Projection Symbol (Online Video)**

COMPLETED WITH 100% BY 10/9

CANVAS DISCUSSION 3 FOLLOW UP

TGC - Read Chapter 10 Multiview Drawings

DUE 10/9

9	10/9	TEMPLATES SESSION 2 - 3rd Angle Projection and Metric Symbol Blocks	Chapter 12 - Blocks	REMINDER: Title Block ANSI B** (Online Video) COMPLETED WITH 100% BY 10/16
				CANVAS DISCUSSION 4 DUE 10/11 TGC - Read Chapter 13 Auxiliary Views
	10/11	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
				CANVAS QUIZ 5 CHAPTER 13 DUE 10/18
10	10/16	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 10/18
	10/18	TEMPLATES SESSION 4 - Annotation Styles + Table Styles	Chapter 29 - Annotation Styles	

11	10/23	TEMPLATES SESSION 5 - Title Block Text / Legend / General Notes	Chapter 17 - Text (Part I)	
	10/25	TEMPLATES SESSION 6 - Parts List This completes Imperial Template Metric Template Completion (Add Metric Symbol)	Chapter 17 - Text (Part II - Tables)	
12	10/30	LAB DAY		
	11/1	7-58 Demo AutoCAD and Inventor** (Online Video)	Chapter 28 - Working With Layouts	CANVAS DISCUSSION 5 DUE 11/6 TGC - Read Chapter 17.1-17.4 Dimensioning Practices
13	11/6	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) CANVAS QUIZ 6 CHAPTER 17.1-17.4 DUE 11/13
	11/8	8-100 Demo** (Online Video)		CANVAS DISCUSSION 5 FOLLOW UP TGC - Read Chapter 17-1-17.4 Dimensioning Practices DUE 11/13 CANVAS DISCUSSION 6 DUE 11/13 TGC - Read Chapter 16 Section Views
14	11/13	Review Chapter 16 Section Views Print Room Etiquette	Chapter 18 - Hatching	SECTION VIEW DRAWINGS: #26 - 9-35 Shaft Base WD (PRINT) (Online)

CANVAS QUIZ 7 CHAPTER 16
DUE 11/20

11/15			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 11/20
				CANVAS DISCUSSION 7 DUE 11/20 TGC - Read Chapter 17.5-17.9 Tolerancing Practices
15	11/20	Review Chapter 17.5-17.9 Tolerancing Practices	Chapter 22 - Accurate Positioning Chapter 24 - Parametric Drawing** (Optional)	CANVAS QUIZ 8 CHAPTER 17.5-17.9 DUE 11/27
				CANVAS DISCUSSION 7 FOLLOW UP TGC - Read Chapter 17-.5-17.9 Tolerancing Practices DUE 11/27
11/22	HOLIDAY - NON-INSTRUCTIONAL DAY			
16	11/27		Chapter 25 - Working With Blocks	
	11/29		Chapter 31 - External References	CANVAS QUIZ 9 ASCENT DUE 12/11
17	12/4	Autodesk Certificate		
	12/6	Review For Final		
18	12/11	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 5/24/2023 GS v1.0

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