



## DIGITAL DESIGN GRAPHICS TECHNOLOGY

### DDGT 110 Technical Drawing Fundamentals FALL 2025

#### Lecture and Assignment Schedule

[www.ddgt.net](http://www.ddgt.net)

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WEEK	DAY	TECHNICAL GRAPHICS COMMUNICATION (TGC) COURSEWARE	ASCENT COURSEWARE	ASSIGNMENTS
1	8/25	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 Dropbox Assignment Submissions		Bring in a 3" Binder or two 1.5" Binders <b>TGC - Read Chapter 6 Technical Drawing Tools FOR 8/27</b> #0 Download and Install AutoCAD #1 Signed Syllabus #2 Signed Kitchen Safety Sheets
	8/27	TGC - Review Chapter 6 Technical Drawing Tools		<b>CANVAS QUIZ 1 CHAPTER 6 DUE 9/3 - BEFORE CLASS</b>
2	9/1	HOLIDAY - LABOR DAY		
	9/3	Student Login Process Canvas Overview Canvas Phone App Windows File Management Setup AutoCAD Exercises Download  AutoCAD Setup Scales - Metric		#3 - 6.5 Metric Scales (p225)  Class Participation - September Meeting <b>DUE END OF SEPTEMBER</b>

3	9/8	Scales - Fractional Inch vs Decimal Inch Scales - Architect	Chapter 1 - Getting Started with AutoCAD	#4 - Architect Fractional Inch vs Engineer Decimal Inch Scales #5 - 6.7 Architect's Scale (p227)
	9/10	Review of Chapter 7 Sketching and Text Linetypes Scales - Engineer		#6 - 6.6 Engineer's Scale (p226)
4	9/15		Chapter 2 - Basic Drawing & Editing Commands Chapter 4 - Drawing Precision in AutoCAD	
	9/17		Chapter 5 - Making Changes in Your Drawing OFFSET & ALIGN	#7 - ASCENT - Practice 5B
5	9/22	4-37 Demo Part I		

**CANVAS QUIZ 2 CHAPTER 7 AND LINETYPES  
DUE 9/17 - BEFORE CLASS**

**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

Assignment Clarification:

*This may look alarming that I am assigning assignments #8 - #16 all at once. Do not be alarmed, this is only to let you know you have the skills to work on these assignments at this point. Please work on them in sequential order at your own pace.*

#13 - Third Angle Projection Symbol\*\*  
(FOLLOW ONLINE VIDEO)  
**COMPLETED WITH 100% BY 10/15**

*Your goal should be to have the majority of these assignments completed by the time we cover Chapter 10 - Multiview Drawings in the TGC textbook in order to stay on track in*

class.

#14 - Title Block ANSI B\*\*  
(FOLLOW ONLINE VIDEO)  
**COMPLETED WITH 100% BY 10/22**

#15 - 5-31 Adjustable Fork  
#16 - 8-100 Gasket  
E.C.#1 - 8.151 Filter

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9/24 Review Chapter 8.1-8.5, 8.10, 8.12.1  
Engineering Geometry and Construction  
4-37 Demo Part II

**CANVAS QUIZ 3 CHAPTER 8  
DUE 10/1 - BEFORE CLASS**

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6 9/29 TEMPLATES SESSION 1 - Introduction Layers Chapter 7 - Organizing Your Drawing with  
(Metric Template, LTS = 25.4) Layers

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10/1

Chapter 8 - Advanced Object Types

Class Participation - October Meeting  
**DUE END OF OCTOBER**

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7 10/6 Chapter 9 - Analyzing Model and Object  
Properties

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10/8 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

Assignment Clarification:

*This may look alarming that I am assigning assignments #17 - #20 all at once. Do not be alarmed, this is only to let you know you have the skills to work on these assignments at this point. Please work on them in sequential order at your own pace.*

*Your goal should be to have the majority of these assignments completed by the time we cover Chapter 13 - Auxiliary Views in the TGC textbook in order to stay on track in class.*

**CANVAS QUIZ 4 CHAPTER 10  
DUE 10/15 - BEFORE CLASS**

8 10/13

Chapter 11 - Advanced Editing Commands

**REMINDER:**

**#13 Third Angle Projection Symbol\*\*  
(FOLLOW ONLINE VIDEO)  
COMPLETED WITH 100% BY 10/15**

10/15 TEMPLATES SESSION 2 - 3rd Angle  
Projection and Metric Symbol Blocks

Chapter 12 - Blocks

**REMINDER:**

**#14 Title Block ANSI B\*\*  
(FOLLOW ONLINE VIDEO)  
COMPLETED WITH 100% BY 10/22**

9 10/20 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

Assignment Clarification:

*This may look alarming that I am assigning assignments #21 - #23 all at once. Do not be alarmed, this is only to let you know you have the skills to work on these assignments at this point. Please work on them in sequential order at your own pace.*

*Your goal should be to have the majority of these assignments completed by the time we cover Chapter 17.1-17.4 - Dimensioning Practices in the TGC textbook in order to stay on track in class.*

**CANVAS QUIZ 5 CHAPTER 13  
DUE 10/27 - BEFORE CLASS**

10/22 TEMPLATES SESSION 3 - Layout Tabs and  
Title Blocks

Chapter 14 - Setting Up a Layout  
Chapter 15 - Printing Your Drawing

10 10/27 TEMPLATES SESSION 4 - Annotation Styles +  
Table Styles

Chapter 29 - Annotation Styles

10/29 TEMPLATES SESSION 5 - Title Block Text /  
Legend / General Notes

Chapter 17 - Text (Part I)

11 11/3 TEMPLATES SESSION 6 - Parts List  
This completes Imperial Template  
Metric Template Completion

Chapter 17 - Text (Part II - Tables)

Class Participation - November Meeting  
**DUE END OF NOVEMBER**

	11/5	7-58 Demo AutoCAD and Inventor** (Online Video)	Chapter 28 - Working With Layouts	
12	11/10	Review Chapter 17.1-17.4 Dimensioning Practices		<b>CANVAS QUIZ 6 CHAPTER 17.1-17.4 DUE 11/17 - BEFORE CLASS</b>
	11/12		Chapter 19 - Adding Dimensions	<b>FULL WORKING DRAWINGS:</b>  #24 - 8-100 Gasket WD ** (FOLLOW ONLINE VIDEO) #25 - 8-83 Adjusting Table Support (Visual Check Off) (Online)
<p><u>Assignment Clarification:</u>  <i>This may look alarming that I am assigning assignments #24 - #25 all at once. Do not be alarmed, this is only to let you know you have the skills to work on these assignments at this point. Please work on them in sequential order at your own pace.</i></p> <p><i>Your goal should be to have the majority of these assignments completed by the time we cover Chapter 16 - Section Views in the TGC textbook in order to stay on track in class.</i></p>				
13	11/17	Review Chapter 16 Section Views Print Room Etiquette	Chapter 18 - Hatching	<b>SECTION VIEW DRAWINGS:</b> #26 - 9-35 Shaft Base WD (PRINT) (Online)
				<b>CANVAS QUIZ 7 CHAPTER 16 DUE 11/24 - BEFORE CLASS</b>
	11/19		Chapter 21 - Working Effectively with AutoCAD Chapter 22 - Accurate Positioning	E.C.#4 - 9-51 Caster WD (PRINT) (Online)
14	11/24	Review Chapter 17.5-17.9 Tolerancing Practices		<b>CANVAS QUIZ 8 CHAPTER 17.5-17.9 DUE 12/1 - BEFORE CLASS</b>

	11/26	LAB DAY	Chapter 24 - Parametric Drawing** (Optional)	
15	12/1		Chapter 25 - Working With Blocks	
	12/3		Chapter 31 - External References	<b>CANVAS QUIZ 9 ASCENT DUE 12/10 - MIDNIGHT</b>
16	12/8	Autodesk Certificate Review For Final		<b>FINAL DUE 12/10 - MIDNIGHT</b>
	12/10	LAST CLASS		

*Note: Deadline for ALL assignments must be turned at the end of the day of the last class. Please note that you should turn in ALL assignments even if they are not complete as I will give partial credit.*

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

*Revised 8/5/2025 GS v1.0*

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