



DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 240 FALL 2021

Lecture and Assignment Schedule

www.ddgt.net

707-256-7526

WEEK	DAY	LECTURE	ASSIGNMENT
1	8/16	<ul style="list-style-type: none"> - Introduction to DDGT 240 Course - Overview of Syllabi and Schedule - Kitchen Safety - A.S. Certificate and Certificate of Achievement Requirements / Curriculum Training / Online Catalog - Petition to Graduate This Semester by OCTOBER - Canvas / Email Setup / Email Forwarding - Phone App - Autodesk Certified Professional Exam Descriptions - Dropbox Submission Setup - Software Installation: 3ds Max and Adobe Premiere - Windows File Management (Machine Vise - Project Based, not Software Based) - Submit Reading Handouts - Assignment Descriptions - AutoCAD and Inventor Template Updates 	<ul style="list-style-type: none"> #1 - Signed Syllabus #2 - Signed Kitchen Safety Bring in a 2" Binder START ON THE FOLLOWING ASSIGNMENTS - VISUAL CHECKOFFS. #3 - XREF Terminal Board WD V1 DUE 8/26 #4 - AutoCAD 16-213 Stand (Online) XREF WD ANSI B, SCALE 1:2 DUE 8/26 #5 - Inventor 16-217 Stand (Online) WD DUE 8/26 #6 - Inventor 16-218 Cutoff Stop (Online) WD DUE 8/26 #7 - Inventor 16-221 Spacer (Online) WD DUE 8/26

8/17	Reverse Engineering: Journal Bearing Assignment Description OR V-Block Assignment Description (NOTE: Reverse Engineering Parts DO NOT leave the classroom)	#72 - AutoCAD Reverse Engineering - Part I Working Drawing with 3D DUE 11/18 #76 - AutoCAD Reverse Engineering - Part II Working Drawing with 3D with revisions (see instructor) DUE 12/9
8/18	Scales Review	#8 - Architectural Scale Handout DUE 8/26 #9 - Engineering Scale Handout DUE 8/26 #10 - Metric Scale Handout DUE 8/26
8/19	Revision Table Requirements Review: AutoCAD Revision Tools Review: Inventor Revision Tools Review: Inventor Content Center - Structural Elements Demo	#11 - Inventor 18-43 Slide Bracket (Online) WD DUE 9/2 #12 - Inventor 18-44 Caster Frame (Online) WD DUE 9/2 #13 - Inventor 18-49 Connecting Link WD DUE 9/2
2	8/23 Orange Thread Modeler 14-71 Machine Vise Inventor Assignment Description Machine Vise Thread Driven Rotation/Translational Constraint	#38 - Inventor 14-71 Machine Vise WD - Part I DUE 10/4 - Hard Deadline #51 - Inventor 14-71 Machine Vise WD Revisions - Part II DUE 10/11
8/24	Networking Tools Lecture	
8/25	Networking Tools Lecture	Quiz Networking Tools on CANVAS DUE 8/30
8/26	Assignment Visual Checkoffs	#14 - XREF Terminal Board WD V2 DUE 9/2 3ds Max Design Ascent Courseware Chapter 1 DUE 8/30
3	8/30 3ds Max Design Ascent Courseware Chapter 1	#15 - 3ds Max Exercises 1A DUE 9/23 #16 - 3ds Max Exercises 1B DUE 9/23 3ds Max Design Ascent Courseware Chapter 2 DUE 8/31

8/31	3ds Max Design Ascent Courseware Chapter 2	#25 - SEPTEMBER MEETING #17 - 3ds Max Exercises 2A DUE 9/23 #18 - 3ds Max Exercises 2B DUE 9/23 #19 - 3ds Max Exercises 2C DUE 9/23 #20 - 3ds Max Exercises 2D DUE 9/23
		3ds Max Design Ascent Courseware Chapter 3 DUE 9/1
9/1	3ds Max Design Ascent Courseware Chapter 3	#21 - 3ds Max Exercises 3A DUE 9/23 #22 - 3ds Max Exercises 3B DUE 9/23 #23 - 3ds Max Exercises 3C DUE 9/23 #24 - 3ds Max Exercises 3D DUE 9/23
9/2	Assignment Visual Checkoffs	3ds Max Design Ascent Courseware Chapter 4 DUE 9/7
4	9/6 HOLIDAY - LABOR DAY	
9/7	3ds Max Design Ascent Courseware Chapter 4	#26 - 3ds Max Exercises 4A DUE 9/30 #27 - 3ds Max Exercises 4B DUE 9/30 #28 - 3ds Max Exercises 4C DUE 9/30 #29 - 3ds Max Exercises 4D DUE 9/30 #30 - 3ds Max Exercises 4E DUE 9/30 #31 - 3ds Max Exercises 4F DUE 9/30
		3ds Max Design Ascent Courseware Chapter 5 DUE 9/8
9/8	3ds Max Design Ascent Courseware Chapter 5	#32 - 3ds Max Exercises 5A DUE 9/30 #33 - 3ds Max Exercises 5B DUE 9/30 #34 - 3ds Max Exercises 5C DUE 9/30 #35 - 3ds Max Exercises 5D DUE 9/30 #36 - 3ds Max Exercises 5E DUE 9/30 #37 - 3ds Max Exercises 5F DUE 9/30
9/9	Lab Day	3ds Max Design Ascent Courseware Chapter 6 DUE 9/13

5	9/13	3ds Max Design Ascent Courseware Chapter 6	#39 - 3ds Max Exercises 6A DUE 10/7 #40 - 3ds Max Exercises 6B DUE 10/7 #41 - 3ds Max Exercises 6C DUE 10/7 #42 - 3ds Max Exercises 6D DUE 10/7 #43 - 3ds Max Exercises 6E DUE 10/7 #44 - 3ds Max Exercises 6F DUE 10/7
			3ds Max Design Ascent Courseware Chapter 7 DUE 9/14
	9/14	3ds Max Design Ascent Courseware Chapter 7	#45 - 3ds Max Exercises 7A DUE 10/7 #46 - 3ds Max Exercises 7B DUE 10/7 #47 - 3ds Max Exercises 7C DUE 10/7 #48 - 3ds Max Exercises 7D DUE 10/7
			3ds Max Design Ascent Courseware Chapter 8 DUE 9/15
	9/15	3ds Max Design Ascent Courseware Chapter 8	#49 - 3ds Max Exercises 8A DUE 10/7 #50 - 3ds Max Exercises 8B DUE 10/7
	9/16	Lab Day	3ds Max Design Ascent Courseware Chapter 9 DUE 9/20
6	9/20	3ds Max Design Ascent Courseware Chapter 9	#52 - Max Exercises 9A DUE 10/14 #53 - Max Exercises 9B DUE 10/14 #54 - Max Exercises 9C DUE 10/14
			3ds Max Design Ascent Courseware Chapter 10 DUE 9/21
	9/21	3ds Max Design Ascent Courseware Chapter 10	#55 - 3ds Max Exercises 10A DUE 10/14 #56 - 3ds Max Exercises 10B DUE 10/14 #57 - 3ds Max Exercises 10C DUE 10/14 #58 - 3ds Max Exercises 10D DUE 10/14 #59 - 3ds Max Exercises 10E DUE 10/14
			3ds Max Design Ascent Courseware Chapter 11 DUE 9/22
	9/22	3ds Max Design Ascent Courseware Chapter 11	#60 - 3ds Max Exercises 11A DUE 10/14 #61 - 3ds Max Exercises 11B DUE 10/14 #62 - 3ds Max Exercises 11C DUE 10/14 #63 - 3ds Max Exercises 11D DUE 10/14
	9/23	Vimeo Account Setup	

7	9/27	Premiere Theory I	#64 - Inventor 20.69 - Engine Model (Online) With CoolOrange Threads - WORKING DRAWING DUE 10/28
	9/28	Premiere Theory II	
	9/29	LAB DAY	
	9/30	LAB DAY	
8	10/4	Premiere Application: Project Management (Windows), Software Interface Importing Media, Bin Organization, Timeline, Multiple Video and Audio Tracks	#66 - OCTOBER MEETING DUE 10/28
	10/5	Premiere Application: Transitions, Titles, Keyframe Animation, Audio Tracks and Keyframing, and Rendering	#65 - Gunsmoke Video: Include: Opening Titles, Logo, Video, Sound Effects, Closing Credits with Contact Info DUE 10/28
	10/6	Watch and follow: "Machine Vise Part I - Assembly" (8:02:40) and "Machine Vise Part II - Exploded Assembly" (7:14:53) Videos on department website.	#67 - 3ds Max 14-71 Presentational Video Video to include Opening Titles, Logo, Video, Audio, Closing Credits with Contact Info. Post on your website on a separate page dedicated to the project. Include on website: video, images, text description, and pdf drawing sheet set. DUE 11/15
	10/7	Work on Machine Vise animation	
9	10/11	Work on Machine Vise animation	
	10/12	Work on Machine Vise animation	
	10/13	Work on Machine Vise animation	
	10/14	Work on Machine Vise animation	
10	10/18	Work on Machine Vise animation	
	10/19	Work on Machine Vise animation	
	10/20	Work on Machine Vise animation	
	10/21	Website Update 14-71 Machine Vise Presentation Uploading Video to Vimeo and placing on website.	

11	10/25	3ds Max Engine Model Demonstration: Linking, Rigging, and Bones (Video available online: "DDGT240 2016.11.22 Engine Rigging in 3ds Max" or "DDGT240 2015.12.01 3ds Max Engine Block Rigging")	#80 - 20.69 - Engine Model (Online) Presentational Video Video to include Opening Titles, Logo, Video, Audio, Closing Credits with Contact Info. Post on your website on a separate page dedicated to the project. Include on website: video, images, text description, and pdf drawing sheet set. DUE 12/9
	10/26	Lab Day	
	10/27	Lab Day	
	10/28	3ds Max Review	Quiz Ascent Courseware on CANVAS
12	11/1	Autodesk Certificate of Training	#74 - NOVEMBER MEETING DUE 11/30
	11/2	Engine Model Project Setup for 3D Printer	#73 - Engine Model for 3D Printer DUE 12/6
	11/3	Inventor Engine Model Setup for 3ds Max (Video available online)	TGC Read Chapter 18.1 - 18.7.7 + 18.11 - Geometric Dimensioning and Tolerancing (GDT) and handout. READING PARTICIPATION ASSIGNMENT ONLINE DUE 11/8
	11/4	Premiere Review	Quiz Premiere on CANVAS
13	11/8	Review Chapter 18.1 - 18.7.7 + 18.11 - Geometric Dimensioning and Tolerancing (GDT) and handout.	ADD GD&T TO THE FOLLOWING ASSIGNMENTS: #68 - AutoCAD 16-213 Stand (Online) XREF WD ANSI B, SCALE 1:2 DUE 11/18 #69 - Inventor 16-217 Stand (Online) WD DUE 11/18 #70 - Inventor 16-218 Cutoff Stop (Online) WD DUE 11/18 #71 - 16-221 Spacer (Online) WD DUE 11/18
	11/9	Review GD&T	
	11/10	Review GD&T	
	11/11	Review GD&T GD&T Assignment Examples	TGC Read Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels READING PARTICIPATION ASSIGNMENT ONLINE DUE 11/15
			Quiz GD&T on CANVAS

14 11/15 Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages
Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels

11/16 Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages
Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels (Continued)

11/17 Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages
Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels (Continued)

11/18 Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages
Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels (Continued)

Quiz Chapter 22 Mechanisms on CANVAS

15 11/22 DDGT241 Final Project Story Outline Description

#75 - Outline **DUE 12/9**

SUPPLEMENTARY HANDOUT

Read 20-1 Belt Drives, 20-2 Chain Drives, 20-8 Comparison of Chain, Gear, and Belt Drives, 21-1 Couplings, 21-5 Lubricants and Radial Seals, and 21-6 Static Seals and Sealants
READING PARTICIPATION ASSIGNMENT DUE 11/29

11/23 Lab Day

11/24 HOLIDAY - THANKSGIVING RECESS

11/25 HOLIDAY - THANKSGIVING RECESS

16	11/29	Review Supplementary Handouts 20-1 Belt Drives, 20-2 Chain Drives, 20-8 Comparison of Chain, Gear, and Belt Drives, 21-1 Couplings, 21-5 Lubricants and Radial Seals, and 21-6 Static Seals and Sealants	
	11/30	Review Supplementary Handouts 20-1 Belt Drives, 20-2 Chain Drives, 20-8 Comparison of Chain, Gear, and Belt Drives, 21-1 Couplings, 21-5 Lubricants and Radial Seals, and 21-6 Static Seals and Sealants (Continued)	TGC Read Chapter 25 - Welding Drawings READING PARTICIPATION ASSIGNMENT ONLINE DUE 12/6
	12/1	Review Supplementary Handouts 20-1 Belt Drives, 20-2 Chain Drives, 20-8 Comparison of Chain, Gear, and Belt Drives, 21-1 Couplings, 21-5 Lubricants and Radial Seals, and 21-6 Static Seals and Sealants (Continued)	
	12/2	Review Supplementary Handouts 20-1 Belt Drives, 20-2 Chain Drives, 20-8 Comparison of Chain, Gear, and Belt Drives, 21-1 Couplings, 21-5 Lubricants and Radial Seals, and 21-6 Static Seals and Sealants (Continued)	Quiz Supplementary Handouts on CANVAS
17	12/6	Review Chapter 25 - Welding Drawings	
	12/7	Review Chapter 25 - Welding Drawings (Continued)	ADD WELDING SYMBOLOGY TO THE FOLLOWING ASSIGNMENTS: #77 - 18-43 Slide Bracket Inventor WD DUE 12/9 #78 - 18-44 Caster Frame Inventor WD DUE 12/9 #79 - 18-49 Connecting Link Inventor WD DUE 12/9 Quiz Welding on CANVAS DUE 12/9
	12/8	DDGT241 Outline Review	
	12/9	Review for Final	
18	12/13	7:30 - 9:30am	

The instructor reserves the right to change the schedule at anytime.

Revised 8/8/2021 GJS v1.0