



DDGT240 DIGITAL DESIGN GRAPHICS TECHNOLOGY 3 - FALL 2025

Lecture and Assignment Schedule

www.ddgt.net

gstrommen@napavalley.edu

WEEK	DAY	LECTURE	ASSIGNMENT
1	8/25	<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 / Microsoft Products Access - Phone App - Dropbox Submission Setup - Software Installation: 3ds Max and Adobe Premiere - Windows File Management (Machine Vise - Project Based, not Software Based) - Submit Reading Handouts 	<ul style="list-style-type: none"> #1 - Signed Syllabus DUE 8/25 #2 - Signed Kitchen Safety DUE 8/25 Bring in a 2" Binder START ON THE FOLLOWING ASSIGNMENTS - VISUAL CHECKOFFS. #3 - XREF Terminal Board WD V1 DUE 9/4 #4 - AutoCAD 16-213 Stand (Online) XREF WD DUE 9/4 ANSI B, SCALE 1:2 #5 - Inventor 16-217 Stand (Online) WD DUE 9/4 #6 - Inventor 16-218 Cutoff Stop (Online) WD DUE 9/4 #7 - Inventor 16-221 Spacer (Online) WD DUE 9/4
	8/26	<ul style="list-style-type: none"> - Assignment Descriptions Reverse Engineering: Journal Bearing Assignment Description <u>OR</u> V-Block Assignment Description 	<ul style="list-style-type: none"> #72 - AutoCAD Reverse Engineering - Part I DUE 11/20 Working Drawing with 3D #76 - AutoCAD Reverse Engineering - Part II DUE 12/4 Working Drawing with 3D with revisions (see instructor)
	8/27	Scales Review	#8 - Architectural Scale Handout DUE 9/4

	AutoCAD and Inventor Template Updates Orange Thread Modeler	#9 - Engineering Scale Handout #10 - Metric Scale Handout	DUE 9/4 DUE 9/4
8/28	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 #12 - Inventor 18-44 Caster Frame (Online) WD	DUE 9/11 DUE 9/11
2	9/1 HOLIDAY - LABOR DAY		
9/2	14-71 Machine Vise Inventor Assignment Description Machine Vise Thread Driven Rotation/Translational Constraint	CLASS PARTICIPATION - SEPTEMBER MEETING DUE END OF SEPTEMBER #38 - Inventor 14-71 Machine Vise WD - Part I (HARD DEADLINE) #51 - Inventor 14-71 Machine Vise WD Revisions - Part II	DUE 9/29 DUE 10/9 DUE 10/16
9/3	Networking Tools Lecture		
9/4	Networking Tools Lecture	CANVAS QUIZ 1 - Networking Tools DUE BEFORE CLASS	DUE 9/11
3	9/8 3ds Max Design Ascent Courseware Chapter 1	#14 - XREF Terminal Board WD V2 #15 - 3ds Max Exercises 1A #16 - 3ds Max Exercises 1B	DUE 9/18 DUE 10/2 DUE 10/2
9/9	3ds Max Design Ascent Courseware Chapter 2	#17 - 3ds Max Exercises 2A #18 - 3ds Max Exercises 2B #19 - 3ds Max Exercises 2C #20 - 3ds Max Exercises 2D	DUE 10/2 DUE 10/2 DUE 10/2 DUE 10/2
9/10	3ds Max Design Ascent Courseware Chapter 3	#21 - 3ds Max Exercises 3A #22 - 3ds Max Exercises 3B #23 - 3ds Max Exercises 3C	DUE 10/2 DUE 10/2 DUE 10/2

9/11 3ds Max Design				
4	9/15	3ds Max Design Ascent Courseware Chapter 4	#26 - 3ds Max Exercises 4A	DUE 10/9
			#27 - 3ds Max Exercises 4B	DUE 10/9
			#28 - 3ds Max Exercises 4C	DUE 10/9
			#29 - 3ds Max Exercises 4D	DUE 10/9
			#30 - 3ds Max Exercises 4E	DUE 10/9
			#31 - 3ds Max Exercises 4F	DUE 10/9
	9/16	3ds Max Design Ascent Courseware Chapter 5	#32 - 3ds Max Exercises 5A	DUE 10/9
			#33 - 3ds Max Exercises 5B	DUE 10/9
			#34 - 3ds Max Exercises 5C	DUE 10/9
			#35 - 3ds Max Exercises 5D	DUE 10/9
			#36 - 3ds Max Exercises 5E	DUE 10/9
			#37 - 3ds Max Exercises 5F	DUE 10/9
	9/17	3ds Max Design Ascent Courseware Chapter 6	#39 - 3ds Max Exercises 6A	DUE 10/9
			#40 - 3ds Max Exercises 6B	DUE 10/9
			#41 - 3ds Max Exercises 6C	DUE 10/9
			#42 - 3ds Max Exercises 6D	DUE 10/9
			#43 - 3ds Max Exercises 6E	DUE 10/9
			#44 - 3ds Max Exercises 6F	DUE 10/9
9/18 3ds Max Design				
5	9/22	3ds Max Design Ascent Courseware Chapter 7	#45 - 3ds Max Exercises 7A	DUE 10/16
			#46 - 3ds Max Exercises 7B	DUE 10/16
			#47 - 3ds Max Exercises 7C	DUE 10/16
			#48 - 3ds Max Exercises 7D	DUE 10/16
	9/23	3ds Max Design Ascent Courseware Chapter 8	#49 - 3ds Max Exercises 8A	DUE 10/16
			#50 - 3ds Max Exercises 8B	DUE 10/16

	9/24	3ds Max Design Ascent Courseware Chapter 9	#52 - Max Exercises 9A #53 - Max Exercises 9B #54 - Max Exercises 9C	DUE 10/16 DUE 10/16
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	9/25	3ds Max Design		
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6	9/29	3ds Max Design Ascent Courseware Chapter 10	#55 - 3ds Max Exercises 10A #56 - 3ds Max Exercises 10B #57 - 3ds Max Exercises 10C #58 - 3ds Max Exercises 10D #59 - 3ds Max Exercises 10E	DUE 10/23 DUE 10/23 DUE 10/23 DUE 10/23 DUE 10/23
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	9/30	3ds Max Design Ascent Courseware Chapter 11	#60 - 3ds Max Exercises 11A #61 - 3ds Max Exercises 11B #62 - 3ds Max Exercises 11C #63 - 3ds Max Exercises 11D CLASS PARTICIPATION - OCTOBER MEETING DUE END OF OCTOBER	DUE 10/23 DUE 10/23 DUE 10/23 DUE 10/23 DUE 10/30
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	10/1	Vimeo Account Setup		
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	10/2	Assignment 64 Review	#64 - Inventor 20.69 - Engine Model (Online) With CoolOrange Threads - WORKING DRAWING	DUE 11/6
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7	10/6	Premiere Theory I		
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	10/7	Premiere Theory II Gunsmoke - Project Description and Setup		

	10/8	Premiere Application: Project Management (Windows), Software Interface Importing Media, Bin Organization, Timeline, Multiple Video and Audio Tracks Gunsmoke - Cutting clip into smaller chunks		
	10/9	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 11/6
8	10/13	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. Gunsmoke - Effects	#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 11/20
	10/14	Gunsmoke - Audio Tools and Speed Effects		
	10/15	Gunsmoke - Audio and Video Clipping		
	10/16	Gunsmoke - Rendering Output Settings		
9	10/20	Work on Machine Vise animation		
	10/21	Work on Machine Vise animation		
	10/22	Work on Machine Vise animation		
	10/23	Work on Machine Vise animation		

10	10/27	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 12/11
	10/28	Autodesk Certificate of Training		
	10/29	Assignment 73 Engine Model for 3D Printer Discussion		
	10/30	3ds Max - Make Previews as Place Holders in Premiere	CANVAS QUIZ 2 - 3ds Max DUE BY MIDNIGHT	DUE 11/6
11	11/3	Engine Model Project Setup for 3D Printer	#73 - Engine Model for 3D Printer	DUE 12/4
			CLASS PARTICIPATION - NOVEMBER MEETING DUE END OF NOVEMBER	DUE 11/26
	11/4	Inventor Engine Model Setup for 3ds Max (Video available online)		
	11/5	Premiere Review	CANVAS QUIZ 3 - Premiere DUE BEFORE CLASS	DUE 11/12
	11/6	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 #69 - Inventor 16-217 Stand (Online) WD #70 - Inventor 16-218 Cutoff Stop (Online) WD #71 - 16-221 Spacer (Online) WD	DUE 11/20 DUE 11/20 DUE 11/20 DUE 11/20

12	11/10	Review GD&T		
	11/11	HOLIDAY - VETERANS DAY		
	11/12	Review GD&T		
	11/13	Review GD&T GD&T Assignment Examples		
13	11/17	Review GD&T GD&T Assignment Examples	CANVAS QUIZ 4 - GD+T DUE BEFORE CLASS	DUE 11/24
	11/18	Welding Review		
	11/19	Welding Review		
	11/20	Welding Review	ADD WELDING SYMBOLOGY TO THE FOLLOWING ASSIGNMENTS: #77 - 18-43 Slide Bracket Inventor WD #78 - 18-44 Caster Frame Inventor WD	DUE 12/11 DUE 12/11
			CANVAS QUIZ 5 - TGC Chapter 25 Welding DUE BY MIDNIGHT	DUE 12/1
14	11/24	Dreamweaver - Website Updates Review Vimeo - Embedding a Video		
	11/25	LAB DAY		
	11/26	LAB DAY		
	11/27	HOLIDAY - THANKSGIVING RECESS		
15	12/1	TGC Ch22 Mechanisms: Gears, Cams, Bearings and Linkages Supplemental Handouts 22-5 Indexing, 22-7 Ratchet Wheels		

	12/2	TGC Ch22 Mechanisms: Gears, Cams, Bearings and Linkages Supplemental Handouts 22-5 Indexing, 22-7 Ratchet Wheels		
	12/3	TGC Ch22 Mechanisms: Gears, Cams, Bearings and Linkages Supplemental Handouts 22-5 Indexing, 22-7 Ratchet Wheels		
	12/4	TGC Ch22 Mechanisms: Gears, Cams, Bearings and Linkages Supplemental Handouts 22-5 Indexing, 22-7 Ratchet Wheels	CANVAS QUIZ 6 - TGC Chapter 22 Mechanisms DUE BEFORE CLASS	DUE 12/11
16	12/8	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		
	12/9	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		
	12/10	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	CANVAS QUIZ 7 - Supplementary Handouts	DUE 12/11
	12/11	LAB DAY		

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

Revised 8/5/2025 GS