



DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 240 FALL 2017

www.ddgt.net

707-256-7526

WEEK	DAY	LECTURE	ASSIGNMENT
Note: Schedule may be changed to accommodate Open - Day Autodesk Certified Professional Exam			
1	8/14	Introduction to DDGT 240 Course Overview of Syllabi and Schedule A.S. Certificate Requirements Petition to Graduate This Semester by OCTOBER Windows File Management (Machine Vise - Project Based, not Software Based) Canvas Setup Assignment Descriptions	Bring in a 2" Binder START ON THE FOLLOWING ASSIGNMENTS BUT DO NOT PRINT UNTIL INSTRUCTOR TELLS YOU TO. AutoCAD 16-213 Stand (Online) XREF WD ANSI B, SCALE AS LARGE AS POSSIBLE Inventor 16-217 Stand (Online) WD Inventor 16-218 Cutoff Stop (Online) WD Inventor 16-221 Spacer (Online) WD Inventor 18-43 Slide Bracket (Online) WD Inventor 18-44 Caster Frame (Online) WD
	8/15	AutoCAD Review Reverse Engineering: Journal Bearing Assignment Description	AutoCAD Reverse Engineering: Journal Bearing - Part 1 Working Drawing with 3D
	8/16	AutoCAD Review Scales Review	Handout: Architectural Scale Handout: Engineering Scale Handout: Metric Scale
	8/17	AutoCAD Review AutoCAD Revision Tools	AutoCAD Reverse Engineering: Journal Bearing - Part 2 Working Drawing with 3D with revisions (see instructor)
2	8/21	Inventor Review Orange Thread Modeler 14-71 Machine Vise Inventor Assignment Description	Inventor 14-71 Machine Vise WD - Part 1
	8/22	Inventor Review Inventor Revision Tools	Inventor 14-71 Machine Vise WD with Revisions - Part 2

	8/23	Inventor Review	TGC Read Chapter 18.1 - 18.7.7 + 18.11 - Geometric Dimensioning and Tolerancing (GDT) and handout. READING PARTICIPATION ASSIGNMENT ONLINE DUE 8/28
	8/24	Inventor Review	
3	8/28	Review Chapter 18.1 - 18.7.7 + 18.11 - Geometric Dimensioning and Tolerancing (GDT) and handout.	ADD GD&T TO THE FOLLOWING ASSIGNMENTS: AutoCAD 16-213 Stand (Online) XREF WD ANSI B, SCALE AS LARGE AS POSSIBLE Inventor 16-217 Stand (Online) WD Inventor 16-218 Cutoff Stop (Online) WD Inventor 16-221 Spacer (Online) WD
	8/29	Review GD&T	AutoCAD 16-213 Stand (Online) WD ANSI C, SCALE AS LARGE AS POSSIBLE
	8/30	Review GD&T GD&T Assignment Examples	TGC Read Chapter 25 - Welding Drawings READING PARTICIPATION ASSIGNMENT ONLINE DUE 9/5
	8/31	Quiz Chapter 18	SEPTEMBER MEETING
4	9/4	HOLIDAY - LABOR DAY	
	9/5	Review Chapter 25 - Welding Drawings	ADD WELDING SYMBOLOGY TO THE FOLLOWING ASSIGNMENTS: 18-43 Slide Bracket (Online) Inventor WD 18-44 Caster Frame (Online) Inventor WD
	9/6	Review Chapter 25 - Welding Drawings (Continued)	
	9/7	Quiz Chapter 25	TGC Read Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels READING PARTICIPATION ASSIGNMENT ONLINE DUE 9/11
5	9/11	Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels	
	9/12	Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels (Continued)	

	9/13	Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels (Continued)	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 9/18 STUDENT LED PRESENTATIONS
	9/14	Quiz Chapter 22	
6	9/18	STUDENTS TO PRESENT: 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	
	9/19	STUDENT PRESENTATIONS CONTINUED	
	9/20	STUDENT PRESENTATIONS CONTINUED	
	9/21	Quiz Supplementary Handouts Networking Tools Lecture	
7	9/25	3ds Max Design Ascent Courseware Chapter 1	ASCENT 3DS MAX Chapter 1 Practices
	9/26	3ds Max Design Ascent Courseware Chapter 2	ASCENT 3DS MAX Chapter 2 Practices
	9/27	3ds Max Design Ascent Courseware Chapter 3	ASCENT 3DS MAX Chapter 3 Practices
	9/28	Lab Day	
8	10/2	3ds Max Design Ascent Courseware Chapter 4	ASCENT 3DS MAX Chapter 4 Practices
	10/3	3ds Max Design Ascent Courseware Chapter 5	ASCENT 3DS MAX Chapter 5 Practices
	10/4	3ds Max Design Ascent Courseware Chapter 6	ASCENT 3DS MAX Chapter 6 Practices
	10/5	Lab Day	
9	10/9	<i>College closed due to fires.</i>	
	10/10	<i>College closed due to fires.</i>	
	10/11	<i>College closed due to fires.</i>	
	10/12	<i>College closed due to fires.</i>	
10	10/16	<i>College closed due to fires.</i>	
	10/17	<i>College closed due to fires.</i>	
	10/18	<i>College closed due to fires.</i>	
	10/19	<i>College closed due to fires.</i>	
11	10/23	3ds Max Design Ascent Courseware Chapter 6 Continued	

	10/24	3ds Max Design Ascent Courseware Chapter 7	ASCENT 3DS MAX Chapter 7 Practices
	10/25	3ds Max Design Ascent Courseware Chapter 8	ASCENT 3DS MAX Chapter 8 Practices
	10/26	3ds Max Design Ascent Courseware Chapter 9	ASCENT 3DS MAX Chapter 9 Practices
12	10/30	3ds Max Design Ascent Courseware Chapter 10	ASCENT 3DS MAX Chapter 10 Practices
	10/31	3ds Max Design Ascent Courseware Chapter 11	ASCENT 3DS MAX Chapter 11 Practices
	11/1	3ds Max Design Ascent Courseware Chapter 12	ASCENT 3DS MAX Chapter 12 Practices NOVEMBER MEETING
	11/2	Vimeo Account Setup	
13	11/6	Premiere Theory	Inventor 20.69 - Engine Model (Online) WD With CoolOrange Threads
	11/7	Premiere Application: Project Management (Windows), Software Interface Importing Media, Bin Organization, Timeline, Multiple Video and Audio Tracks	Gunsmoke Video: Include: Opening Titles, Logo, Video, Sound Effects, Closing Credits with Contact Info
	11/8	Premiere Application: Transitions, Titles, Keyframe Animation, and Rendering	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.
	11/9	Premiere Quiz 3ds Max 14-71 Machine Vise Presentation: Importing, Body Objects vs Meshes, Ungrouping, and Pivots - Description of Possible Issues. Best Practices: Inventor Models for 3ds Max Import	
14	11/13	3ds Max 14-71 Machine Vise Presentation: Importing, Body Objects vs Meshes, Ungrouping, and Pivots - Corrected Linking and Layer Management	
	11/14	3ds Max 14-71 Machine Vise Presentation: Importing, Body Objects vs Meshes, Ungrouping, and Pivots Revised Linking and Layer Management (Continued)	

	11/15	3ds Max 14-71 Machine Vise Presentation: Reaction Manager	
	11/16	3ds Max 14-71 Machine Vise Presentation: Materials / Lighting	
15	11/20	3ds Max 14-71 Machine Vise Presentation: Materials / Lighting Continued	
	11/21	3ds Max 14-71 Machine Vise Presentation: Keyframe Animation / Cameras	
	11/22	3ds Max 14-71 Machine Vise Presentation: Keyframe Animation / Cameras Continued Rendering	
	11/23	HOLIDAY - THANKSGIVING RECESS	
16	11/27	Premiere 14-71 Machine Vise Presentation: Timeline, Transitions, Titles, and Rendering	
	11/28	Website Update 14-71 Machine Vise Presentation Uploading Video to Vimeo and placing on website.	
	11/29	Engine Model Project Setup for 3D Printer	Engine Model for 3D Printer
	11/30	Quiz Ascent Courseware Autodesk Certificate of Training	
17	12/4	Lab Day Inventor Engine Model Setup for 3ds Max (Video available online)	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. Note: This is extra credit worth 200 points.
	12/5	Lab Day 3ds Max Engine Model Demonstration: Best Practices on how to handle imported models (Video available online)	

	12/6	Lab Day	
			3ds Max Engine Model Demonstration: Linking, Rigging, and Bones (Video available online)
	12/7	Lab Day	
18	12/12	Lab Day	
	12/13	Lab Day	
	12/14	Lab Day	
	12/15	FINAL EXAMINATION 8:00 a.m. - 10:00 a.m.	

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

Revised 10/21/2017 GJS v2.0