



**DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 240 FALL 2019**

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**707-256-7526**

WEEK	DAY	LECTURE	ASSIGNMENT
1	8/14	<ul style="list-style-type: none"> <li>- Introduction to DDGT 240 Course</li> <li>- Overview of Syllabi and Schedule</li> <li>- Kitchen Safety</li> <li>- A.S. Certificate and Certificate of Achievement Requirements / Curriculum Training / Online Catalog</li> <li>- <b>Petition to Graduate This Semester by OCTOBER</b></li> <li>- Canvas / Email Setup / Email Forwarding</li> <li>- Windows File Management (Machine Vise - Project Based, not Software Based)</li> <li>- Submit Reading Handouts</li> <li>- Autodesk Certified Professional Exam Descriptions</li> <li>- Assignment Descriptions</li> </ul>	Bring in a 2" Binder <b>START ON THE FOLLOWING ASSIGNMENTS BUT VISUAL CHECKOFFS.</b> AutoCAD 16-213 Stand (Online) XREF WD ANSI B, SCALE 1:2 <b>DUE 8/26</b> Inventor 16-217 Stand (Online) WD <b>DUE 8/26</b> Inventor 16-218 Cutoff Stop (Online) WD <b>DUE 8/26</b> Inventor 16-221 Spacer (Online) WD <b>DUE 8/26</b>  XREF Terminal Board WD V1 <b>DUE 8/26</b> XREF Terminal Board WD V1 <b>DUE 8/29</b>
	8/15	Reverse Engineering: Journal Bearing Assignment Description (NOTE: Reverse Engineering Parts DO NOT leave the classroom) Dust Day	AutoCAD Reverse Engineering: Journal Bearing - Part I Working Drawing with 3D <b>DUE 11/25</b>  AutoCAD Reverse Engineering: Journal Bearing - Part II Working Drawing with 3D with revisions (see instructor) <b>DUE 12/9</b>
2	8/19	Scales Review	Handout: Architectural Scale Handout: Engineering Scale Handout: Metric Scale <b>DUE 8/26</b>

	8/20	Revision Table Requirements Review: AutoCAD Revision Tools Review: Inventor Revision Tools Review: Inventor Content Center - Structural Elements Demo	Inventor 18-43 Slide Bracket (Online) WD <b>DUE 8/29</b> Inventor 18-44 Caster Frame (Online) WD <b>DUE 8/29</b>
	8/21	Orange Thread Modeler 14-71 Machine Vise Inventor Assignment Description Machine Vise Thread Driven Rotation/Translational Constraint	Inventor 14-71 Machine Vise WD - Part I <b>DUE 10/7 - Hard Deadline</b> Inventor 14-71 Machine Vise WD Revisions - Part II <b>DUE 10/14</b>
	8/22	Lab Day	
3	8/26	Assignment Visual Checkoffs	
	8/27	Networking Tools Lecture	
	8/28	Lab Day	
	8/29	Quiz: Network Tools Assignment Visual Checkoffs	
4	9/2	HOLIDAY - LABOR DAY	
	9/3	<b>3ds Max Design Ascent Courseware Chapter 1</b>	SEPTEMBER MEETING 3ds Max Exercises 1A, 1B <b>DUE 9/17</b>
	9/4	<b>3ds Max Design Ascent Courseware Chapter 2</b>	3ds Max Exercises 2A, 2B, 2C, 2D <b>DUE 9/18</b>
	9/5	<b>3ds Max Design Ascent Courseware Chapter 3</b>	3ds Max Exercises 3A, 3B, 3C, 3D <b>DUE 9/19</b>
5	9/9	<b>3ds Max Design Ascent Courseware Chapter 4</b>	3ds Max Exercises 4A, 4B, 4C, 4D, 4E, 4F <b>DUE 9/23</b>
	9/10	<b>3ds Max Design Ascent Courseware Chapter 5</b>	3ds Max Exercises 5A, 5B, 5C, 5D, 5E, 5F <b>DUE 9/24</b>
	9/11	<b>3ds Max Design Ascent Courseware Chapter 6</b>	3ds Max Exercises 6A, 6B, 6C, 6D, 6E, 6F <b>DUE 9/25</b>
	9/12	Lab Day	
6	9/16	Lab Day	
	9/17	<b>3ds Max Design Ascent Courseware Chapter 7</b>	3ds Max Exercises 7A, 7B, 7C, 7D <b>DUE 9/30</b>
	9/18	<b>3ds Max Design Ascent Courseware Chapter 8</b>	3ds Max Exercises 8A, 8B <b>DUE 10/1</b>
	9/19	<b>3ds Max Design Ascent Courseware Chapter 9</b>	3ds Max Exercises 9A, 9B, 9C <b>DUE 10/2</b>
7	9/23	<b>3ds Max Design Ascent Courseware Chapter 10</b>	3ds Max Exercises 10A, 10B, 10C, 10D, 10E <b>DUE 10/7</b>
	9/24	<b>3ds Max Design Ascent Courseware Chapter 11</b>	3ds Max Exercises 11A, 11B, 11C, 11D, 11E <b>DUE 10/8</b>
	9/25	Lab Day	
	9/26	Vimeo Account Setup	
8	9/30	Premiere Theory I	Inventor 20.69 - Engine Model (Online) With CoolOrange Threads - WORKING DRAWING <b>DUE 10/23</b>

	10/1	Premiere Theory II	
	10/2	Premiere Application: Project Management (Windows), Software Interface Importing Media, Bin Organization, Timeline, Multiple Video and Audio Tracks	
	10/3	Premiere Application: Transitions, Titles, Keyframe Animation, Audio Tracks and Keyframing, and Rendering	Gunsmoke Video: Include: Opening Titles, Logo, Video, Sound Effects, Closing Credits with Contact Info <b>DUE 10/31</b>
9	10/7	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	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. <b>DUE 11/12</b>
	10/8	3ds Max 14-71 Machine Vise Presentation: Importing, Body Objects vs Meshes, Ungrouping, and Pivots - Corrected Linking and Layer Management	
	10/9	3ds Max 14-71 Machine Vise Presentation: Importing, Body Objects vs Meshes, Ungrouping, and Pivots Revised Linking and Layer Management (Continued)	
	10/10	3ds Max 14-71 Machine Vise Presentation: Reaction Manager	
10	10/14	3ds Max 14-71 Machine Vise Presentation: Materials / Lighting	
	10/15	3ds Max 14-71 Machine Vise Presentation: Materials / Lighting Continued	
	10/16	3ds Max 14-71 Machine Vise Presentation: Keyframe Animation / Cameras	
	10/17	3ds Max 14-71 Machine Vise Presentation: Keyframe Animation / Cameras Continued Rendering	

11	10/21	Premiere 14-71 Machine Vise Presentation: Timeline, Transitions, Titles, and Rendering	
	10/22	Website Update 14-71 Machine Vise Presentation Uploading Video to Vimeo and placing on website.	
	10/23	Premiere Review 3ds Max Engine Model Demonstration: Linking, Rigging, and Bones (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. <b>DUE 12/12</b>
	10/24	Premiere Quiz 3ds Max Review	
12	10/28	Quiz Ascent Courseware Autodesk Certificate of Training	
	10/29	Engine Model Project Setup for 3D Printer	Engine Model for 3D Printer <b>DUE 11/26</b>
	10/30	Inventor Engine Model Setup for 3ds Max (Video available online)	<b>TGC Read Chapter 18.1 - 18.7.7 + 18.11 - Geometric Dimensioning and Tolerancing (GDT) and handout. READING PARTICIPATION ASSIGNMENT ONLINE DUE 11/4</b>
	10/31	Lab Day	
13	11/4	Review Chapter 18.1 - 18.7.7 + 18.11 - Geometric Dimensioning and Tolerancing (GDT) and handout.	NOVEMBER MEETING <b>ADD GD&amp;T TO THE FOLLOWING ASSIGNMENTS:</b> AutoCAD 16-213 Stand (Online) XREF WD ANSI B, SCALE 1:2 <b>DUE 11/14</b> Inventor 16-217 Stand (Online) WD <b>DUE 11/14</b> Inventor 16-218 Cutoff Stop (Online) WD <b>DUE 11/14</b> Inventor 16-221 Spacer (Online) WD <b>DUE 11/14</b>
	11/5	Review GD&T	AutoCAD 16-213 Stand (Online) WD ANSI C, SCALE 1:1 Visual Check Off <b>DUE 11/14</b>
	11/6	Review GD&T GD&T Assignment Examples	<b>TGC Read Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels READING PARTICIPATION ASSIGNMENT ONLINE DUE 11/12</b>

	11/7	Quiz Chapter 18	
14	11/11	HOLIDAY - VETERANS DAY	
	11/12	Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels	
	11/13	Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels (Continued)	<b>SUPPLEMENTARY HANDOUT</b> <b>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</b> <b>READING PARTICIPATION ASSIGNMENT DUE 11/18</b>
	11/14	Review Chapter 22 Mechanisms: Gears, Cams, Bearings, and Linkages Supplemental Handout 22-5 Indexing, 22-7 Ratchet Wheels (Continued)	
15	11/18	Quiz Chapter 22 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	
	11/19	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)	
	11/20	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)	
	11/21	Quiz Supplementary Handouts	
16	11/25	DDGT241 Final Project Story Outline Description	<b>Outline Due 12/11</b> <b>TGC Read Chapter 25 - Welding Drawings</b> <b>READING PARTICIPATION ASSIGNMENT ONLINE DUE 12/2</b>
	11/26	Lab Day	
	11/27	HOLIDAY - THANKSGIVING RECESS	

	11/28	HOLIDAY - THANKSGIVING RECESS	
17	12/2	Review Chapter 25 - Welding Drawings	
	12/3	Review Chapter 25 - Welding Drawings (Continued)	ADD WELDING SYMBOLOGY TO THE FOLLOWING ASSIGNMENTS: 18-43 Slide Bracket (Online) Inventor WD <b>DUE 12/11</b> 18-44 Caster Frame (Online) Inventor WD <b>DUE 12/11</b>
	12/4	Quiz Chapter 25	
	12/5	Lab Day	
18	12/9	Premiere Review	
	12/10	Quiz: Premiere	
	12/11	DDGT241 Outline Review	
	12/12	Review for Final	
	12/16	Final 7:30 - 9:30am	

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

*Revised 8/7/2019*