



## DIGITAL DESIGN GRAPHICS TECHNOLOGY - DDGT 121 SPRING 2021

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

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WEEK	DAY	LECTURE	ASSIGNMENT
1	1/20	<ul style="list-style-type: none"><li>- Introduction to DDGT 121 Course</li><li>- Overview of Syllabi and Schedule</li><li>- Canvas Setup</li><li>- Canvas Phone App</li><li>- Email Port Forwarding</li><li>- Dropbox Assignment Submissions</li><li>- A.S. Certificate and Certificate of Achievement Requirements / Curriculum Training / Online Catalog</li><li><del>- Makers Lab Tour to be scheduled</del></li><li>- Reminder to update AutoCAD and Inventor Templates with "DDGT 121"</li><li>- Scales Demo</li></ul>	<p>Bring in a 3" binder or two 2" binders</p> <ul style="list-style-type: none"><li>#1 - Signed Syllabus <b>DUE TODAY</b></li><li>#2 - Signed Kitchen Safety Sheets <b>DUE TODAY</b></li><li>#3 - Scales Assignment A <b>DUE 1/25</b></li><li>#4 - Scales Assignment B <b>DUE 1/25</b></li><li>#5 - Scales Assignment C <b>DUE 1/25</b></li><li>#6 - AutoCAD XREF Shearing Blank Part I (Visual Checkoff) <b>DUE 1/27</b></li><li>#7 - AutoCAD XREF Shearing Blank Part II (Visual Checkoff) <b>DUE 2/3</b></li></ul>

1/21	<ul style="list-style-type: none"> <li>- Allway Sync Demo</li> <li>- 11-55 Assignment Description and Demo <ul style="list-style-type: none"> <li>- AutoCAD Demo <ul style="list-style-type: none"> <li>- 3D Organization</li> </ul> </li> <li>- Inventor Demo: <ul style="list-style-type: none"> <li>- Project Setup</li> <li>- Derived Components</li> </ul> </li> </ul> </li> <li>- Reverse Engineering Assignment 13-48 Connector (start 2D and 3D)</li> </ul>	<p>#8 - 11-55 Wheel Assembly AutoCAD 3D WD ANSI B COVER PAGE SCALE 1:4 DETAIL PAGE SCALE 1:2 PRINT <b>DUE 2/11</b></p> <p>#9 - 11-55 Wheel Assembly AutoCAD 3D WD ANSI C with Revisions - Visual Checkoff COVER PAGE SCALE 1:2 DETAIL PAGE SCALE 1:1 <b>DUE 2/18</b></p> <p>#10 - 11-55 Wheel Assembly Inventor WD ANSI B PRINT <b>DUE 2/18</b></p> <p>#11 - 11-55 Wheel Assembly Inventor WD ANSI C with Revisions - Visual Checkoff. <b>DUE 2/25</b></p>
<p><b>Chapter 19.1 - 19.6, 19.8 - 19.8.7</b>  <b>- Fastening Devices and Methods</b>  <b>Reading Participation DUE 1/26</b></p>		
<p><b>Methods + Supplemental Handouts:</b>  <b>10.4 Special Fasteners</b>  <b>11.6 Welded Fasteners</b>  <b>11.7 Adhesive Fastenings</b>  <b>Reading Participation DUE 1/27</b></p>		
2	<p>1/25 - Revisions Descriptions:</p> <ul style="list-style-type: none"> <li>- Demo - AutoCAD Revisions</li> <li>- Demo - Inventor Revisions</li> </ul> <p>- Website Documentation Description: Biography, Resume, Welcome Page, Meta Data</p> <p>- Logo Description</p>	<p>#12 - Document - Biography <b>DUE 2/11</b></p> <p>#13 - Document - Resume <b>DUE 2/11</b></p> <p>#14 - Document - Welcome Page <b>DUE 2/11</b></p> <p>#15 - Document - Meta Data <b>DUE 2/11</b></p> <p>#16 - Create 10 ideas for your logo <b>DUE 2/3</b></p> <p>#17 - Bring in three Family Photos <b>DUE 2/16</b></p>
1/26	<p>- Review Chapter 19.1 - 19.6, 19.8 - 19.8.8 Fastening Devices and Methods</p>	

	1/27	Review Chapter 19.9 - 19.11 - Fastening Devices and Methods + Supplemental Handouts: 10-4 Special Fasteners 11-6 Welded Fasteners 11.7 Adhesive Fastenings	
	1/28	Review Chapter 19.9 - 19.11 - Fastening Devices and Methods + Supplemental Handouts: 10-4 Special Fasteners 11-6 Welded Fasteners 11.7 Adhesive Fastenings	
3	2/1	Review Chapter 19.9 - 19.11 - Fastening Devices and Methods + Supplemental Handouts: 10-4 Special Fasteners 11-6 Welded Fasteners 11.7 Adhesive Fastenings	<b>QUIZ ON FASTENERS (CANVAS)</b>  #18 FEBRUARY MEETING <b>DUE 2/25</b>
	2/2	Review Quiz on all Fasteners	
	2/3	Logos Review (Round 1)	
	2/4	Logos Review (Round 1)	#19 - Finalize 1-2 logos <b>DUE 2/11</b>
<i>Note to Instructor: Submit Drops</i>			
4	2/8	Photoshop and Graphics Lecture (Theory)	
	2/9	Photoshop - Photoshop Interface, Workspaces, Windows, Preference Settings, Layers / Adjustment Layers / Masks / Brushes	#20 - Poster Graphic (Visual Checkoff) <b>DUE 3/18</b>
	2/10	Photoshop - Poster: Selection Tools BG - Smart Objects / Filters / Groups Statue - Layers / Layer Opacity	
	2/11	Logos Review (Round 2) Logo: 3D Print Description Logo: Makerspace Description	#21 - Logo: 3D Print <b>DUE 4/29</b> <del>#22 - Logo: Makerspace <b>DUE 4/29</b></del>
5	2/15	HOLIDAY - PRESIDENT'S DAY	

	2/16	Photoshop - Poster: Banner - Vector Shapes / Text / Layer States / Blending Modes Computer - Masking Lion - Masking Girl / Gear - Linking Layers / Masks / Filters	#23 - Wedding Photo (Visual Checkoff) <b>DUE 3/18</b>
	2/17	Photoshop - Wedding: Clone Stamp / Healing Brush	
	2/18	Photoshop - Wedding: Dodge N Burn / Sharpening / Actions / Border Border Photoshop - Family Photo Retouch	#24 - Family Photos Retouched (Visual Checkoff) <b>DUE 3/18</b>
6	2/22	Photoshop - Family Photo Retouch: Dust N Scratches Filter Canvas Size vs. Crop	
	2/23	Photoshop - Vector Tools: Vector Shapes	#25 - Vector Logo Wikimedia (Visual Checkoff) <b>DUE 3/18</b> #26 - Vector Logo Napa Valley College (Visual Checkoff) <b>DUE 3/18</b> #27 - Vector Logo Storm (Visual Checkoff) <b>DUE 3/18</b>
	2/24	Photoshop - Vector Tools: Paths	#28 - Your Logo (Visual Checkoff) <b>DUE 3/18</b>
	2/25	Lab Day	
7	3/1	Photoshop - Your Logo in Vector (AutoCAD to Illustrator to Photoshop)	#29 - MARCH MEETING <b>DUE 3/25</b>
	3/2	Photoshop - Your Logo in Vector Continued AutoCAD Templates Business Card Update	#30 - Business Card (Submit as PDF) <b>DUE 3/25</b>
	3/3	Acrobat PDF - How to create high quality PDF's for print with low file sizes. Bleed Area. (EPS / Adobe Distiller) Inventor Templates Business card Update Photoshop - Review for Quiz	

	3/4	Photoshop - Branding / Marketing Consistency: Website Graphics (Student Pages Button / Header / Website Layout) Wedding Border	#31 - Website Graphics: Button (Turn in to Handins Folder) <b>DUE 4/15</b>  <b>Read Chapter 13 - Forming Process (SUPPLIED BY INSTRUCTOR)</b> <b>Reading Participation DUE 3/10</b>  <b>QUIZ PHOTOSHOP (CANVAS)</b>
8	3/8	Website Layout Overview Adobe Color Dust N Scratches	#32 - Website Graphics: Website Mockup (Visual Checkoff) <b>DUE 3/23</b>
	3/9	Review Photoshop Quiz AutoCAD and Inventor Template Updates	
	3/10	Review Chapter 13 - Forming Process	<b>Read Chapter 12 - Manufacturing Materials (SUPPLIED BY INSTRUCTOR)</b> <b>Reading Participation DUE 3/15</b>
	3/11	Review Chapter 13 - Forming Process 13-48 Connector Demo	#33 - Reverse Engineering: 13-48 Connector AutoCAD WD (See online PDF for assignment description and reference) <b>DUE 5/20</b>
9	3/15	Review Chapter 12 - Manufacturing Materials	
	3/16	Review Chapter 12 - Manufacturing Materials	
	3/17	Review Chapter 12 - Manufacturing Materials	
	3/18	Lab Day	<b>QUIZ ON CH13 FORMING PROCESS AND CH12 MATERIALS (CANVAS)</b>
10	3/22	Review Quiz on Chapters 13 Forming Process and Chapter 12 Manufacturing Materials  Internet and Web-Design (Theory)	#34 - Portfolio Website <b>DUE 5/20</b>
	3/23	Dreamweaver - Template: CSS / General Layout / Background / META DATA/ Favicon	

	3/24	Dreamweaver - Template: CSS Text Styles, Links, Styles Library Items Header and Footer		
	3/25	Dreamweaver - Tables / Nested Tables		
11	3/30	SPRING BREAK 3/29 - 4/2		
	3/31	SPRING BREAK 3/29 - 4/2		
	4/1	SPRING BREAK 3/29 - 4/2		
	4/2	SPRING BREAK 3/29 - 4/2		
12	4/5	Dreamweaver - Template Library Items: Navigation Bar Horizontal vs Vertical (Rollover Images vs Static Nav Bar with Hotspots)	#35 - APRIL MEETING	<b>DUE 4/29</b>
	4/6	Dreamweaver - Website Content: How to Create Graphics from AutoCAD How to Create PDF Drawing Sets from AutoCAD		
	4/7	Dreamweaver - Website Content: How to Create Graphics from Inventor How to Create PDF's Drawing Sets from Inventor How to Create 3D PDF's from Inventor		
	4/8	Dreamweaver - Website Content: Home / Biography / Resume Image Border / Image Layouts / Email Images		
13	4/12	Dreamweaver - Lab Day		
	4/13	Dreamweaver - Lab Day		
	4/14	Dreamweaver - Lab Day		
	4/15	- 14-35 Drill Press Bracket Demo	#36 - 14-35 Drill Press Bracket Inventor WD	<b>DUE 5/20</b>
<b>QUIZ DREAMWEAVER (CANVAS)</b>				
14	4/19	Review Dreamweaver Quiz ASCENT - Inventor Chapters 1-2 <b>READING PARTICIPATION DUE</b>		

	4/20	ASCENT - Inventor Chapters 3-4 <b>READING PARTICIPATION DUE</b>	#37 - ASCENT Practice 3A #38 - ASCENT Practice 3B #39 - ASCENT Practice 3C #40 - ASCENT Practice 3D #41 - ASCENT Practice 3E #42 - ASCENT Practice 4A #43 - ASCENT Practice 4B #44 - ASCENT Practice 4C	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	4/21	ASCENT - Inventor Chapters 5-6 <b>READING PARTICIPATION DUE</b>	#45 - ASCENT Practice 5A #46 - ASCENT Practice 5B #47 - ASCENT Practice 6A #48 - ASCENT Practice 6B #49 - ASCENT Practice 6C	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	4/22	ASCENT - Inventor Chapters 7-8 <b>READING PARTICIPATION DUE</b>	#50 - ASCENT Practice 7A #51 - ASCENT Practice 7B #52 - ASCENT Practice 7C #53 - ASCENT Practice 8A #54 - ASCENT Practice 8B #55 - ASCENT Practice 8C	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
15	4/26	ASCENT - Inventor Chapters 9-10 <b>READING PARTICIPATION DUE</b>	#56 - ASCENT Practice 9A #57 - ASCENT Practice 9B #58 - ASCENT Practice 9C #59 - ASCENT Practice 10B	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	4/27	ASCENT - Inventor Chapters 11-12 <b>READING PARTICIPATION DUE</b>	#60 - ASCENT Practice 11A #61 - ASCENT Practice 11B #62 - ASCENT Practice 12A #63 - ASCENT Practice 12B	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	4/28	ASCENT - Inventor Chapters 13-14 <b>READING PARTICIPATION DUE</b>	#64 - ASCENT Practice 13A #65 - ASCENT Practice 13B #66 - ASCENT Practice 13C #67 - ASCENT Practice 13D #68 - ASCENT Practice 14A #69 - ASCENT Practice 14B #70 - ASCENT Practice 14C	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>

	4/29	ASCENT - Inventor Chapters 15-16 <b>READING PARTICIPATION DUE</b>	#71 - ASCENT Practice 15A #72 - ASCENT Practice 15B #73 - ASCENT Practice 16A	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
16	5/3	ASCENT - Inventor Chapters 17-18 <b>READING PARTICIPATION DUE</b>	#74 - ASCENT Practice 17A #75 - ASCENT Practice 17B #76 - ASCENT Practice 18A	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	5/4	ASCENT - Inventor Chapters 19-20 <b>READING PARTICIPATION DUE</b>	#77 - ASCENT Practice 19A #78 - ASCENT Practice 20A #79 - ASCENT Practice 20B	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	5/5	ASCENT - Inventor Chapters 21-22 <b>READING PARTICIPATION DUE</b>	#80 - ASCENT Practice 21A #81 - ASCENT Practice 21B #82 - ASCENT Practice 21C #83 - ASCENT Practice 21D #84 - ASCENT Practice 22A	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	5/6	ASCENT - Inventor Chapters 23-24 <b>READING PARTICIPATION DUE</b>	#85 - ASCENT Practice 23A	<b>DUE 5/20</b>
17	5/10	ASCENT - Inventor Chapters 25-26 <b>READING PARTICIPATION DUE</b>	#86 - ASCENT Practice 25A #87 - ASCENT Practice 25B #88 - ASCENT Practice 25C #89 - ASCENT Practice 26A #90 - ASCENT Practice 26B	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	5/11	ASCENT - Inventor Chapters 27-28 <b>READING PARTICIPATION DUE</b> Appendix F	#91 - ASCENT Practice 27A #92 - ASCENT Practice 27B #93 - ASCENT Practice 27C #94 - ASCENT Practice 27D #95 - ASCENT Appendix Practice C1 #96 - ASCENT Appendix Practice C2	<b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b> <b>DUE 5/20</b>
	5/12	Lab Day		
	5/13	Lab Day	<b>QUIZ ASCENT - INVENTOR (CANVAS)</b>	
18	5/17	Review Quiz ASCENT Inventor		
	5/18	Autodesk Certificate		
	5/19	Lab Day		
	5/20	Review for Final		
19		FINAL TBA		



*Note: All assignments must be turned at the end of the scheduled final.*

*The instructor reserves the right to change the schedule at any time.*

*Revised 1/10/2021 GJS v1.0*