

Solid Modeling 265 Spring 2011

<http://e-d-and-i.com/Classes/IET-265-S2011/>

Version 9		Day	Lecture and Assignment Topics	Chapters to read ahead and practice	Design Assignments (evaluated the next Tuesday in class unless otherwise noted)
1	1 Mar	W-R 30,31	Introduction, Website, Presentation	SG Introduction, Lessons 1&2	SG tasks Lesson 2 part and task L2, 5 and 6
2	2	M-T 4,5	Intro to books and SW terminology, templates, <u>Parts</u> , Sketch, Extrude, Chamfer, Fillet	ED Introduction, Project 1 through 1-64	ED Project 1 Plate, Ex 1.15, 1.17, 1.18
3	3 April	W-R 6,7		SG Introduction, Lessons 1&2	SG <i>Outlet Cover</i> , <i>Tutor1</i> and task 3 page 40 <i>Wrench</i> (with extra credit)
3	4	M-T 11,12	<i>Photoview 360</i> , Convert Entities, Slot, Dynamic Mirror, Linear Pattern Configurations, Design Tables	SG Lesson 3	SG <i>Tutor1</i> with modifications [] Photo real image of your wrench (Friday)
	5	W-R 13,14		ED Project 1, 1-65 through 1-102	ED 1.11 <i>Flat Bars</i> with config.s, Design your preassembly models
4	6	M-T 18,19	<u>Assemblies</u> , Assembly Template, Mates, Degrees of Freedom, Explode Configuration, Revolve Feature, Smart Mates	SG Lesson 4	SG <i>Tutor2</i> and <i>Tutor Assembly</i> , <i>Mechanical Claw</i>
	7	W-R 20,21		ED Project 2, skip Simulation	ED <i>Guide Rod Assembly</i> , 2.6, 2.7 <i>Linkage Assembly</i> , <i>Assem Model</i> <i>Assem</i>
5	8	M-T 25,26	<u>Drawings</u> Drawing Templates, Drawing Views, Edit Sheet Format, Design Logo Adding Dimensions, Cleaning up Dimensions, Exploded View, BOM	SG Lessons 5 & Task 2 in Lesson 6	Project 3, <i>Assem Model</i> drawing per Project 3, SG Lesson 5,
	9	W-R 27,28		ED Project 3	SG Lesson 6 Task 2, <i>Assem Model w/Toolbox</i> , Motion Study, Exploded View
6	10 May	M-T 2,3	Exam 1, 20 question exam, project with partial assembly Revolved Features, Sweep, Sweep Cut, Dome	ED Project 4	Exam
	11	W-R 4,5		SG Lesson 9	SG Lesson 9 Assigns. (Fri), ED Project 4, E 4.9, E4.10, FP Abstract (Fri)
7	12	M-T 9,10	Threaded Fasteners Project	SG Lesson 10	Threaded Fastener assignment (Fri)
	13	W-R 11,12		ED Project 5	SG Lesson 10 Assignments, <i>Assem Model</i> Exploded Drawing, Motion Study
8	14	M-T 16,17	Spur Gear Design Assignment		Spur Gear Design assignment (Fri), ED Project 5, E5.7
	15	W-R 18,19	YASWUG meeting in Yakima, Thurs the 19th, carpooling, extra credit		Extra credit for attending, free pizza and prizes too
9	16	M-T 23,24	GD&T drawings, Toolbar Tour		GD&T drawings, Tutor2 Modified, Mini Sconce and Barrel Light (Friday)
	17	W-R 25,26	<i>Final Project</i> Pre-presentations		
10	18	M-T 30,31	Work on Final Project (no class on Monday)		
	19 June	W-R 1,2	Exam 2, 20 question exam, project with final assembly		<i>Final Project</i> Drawings
10.5		S 4	CSWA Exam, Sat 10am in CAD Lab (proposed)		
Final	June	Weds 8	Final Project Presentations, 4 - 8pm (combined classes)		<i>Final Project</i> Presentations and Drawings

 = recent changes

Schedule may change without notice

check this often for the latest updates

SG= Student's Guide to Learning SolidWorks Software

ED= Engineering Design Using SolidWorks 2010