


Solid Modeling ETSC 265, Fall 2017

Updated Wednesday 11/29/17

<http://edi3di.com/Instruction/2017-4-ETSC-265/>

Version 1		Meets at 10am - 11:50, Monday, Wednesday and Friday		Lecture, Video and Assignment Topics
Week	cls #	Day		
1	1 Sept	W 20	Introduction, What is CAD? What is SolidWorks? SolidWorks Community.	
	2	F 22	SolidWorks Part Demo, Extrude Boss/Base Demo, FDP Proposals Discussion	
2	3	M 25	Parts - Sketch Basics, Extrude, Shell, Outlet Plate Demo, Mass Properties	
	4	W 27	WDE - from week 1	
	5	F 29	WDE project follow up, Grade Sheet, Redo Procedures	
3	6 Oct	M 2	WDE redos due, Freeform Sketch, Angle Dimension, Fillet, Chamfer, Patterns, Revolved Features, Mirror	
	7	W 4	WDE - from week 2	
	8	F 6	WDE project follow up	
4	9	M 9	WDE redos due, Circular extrusions, chamfers, Hole Wizard, Slot Sketch Entity, sketch and feature patterns	
	10	W 11	WDE one week 3 project, one in class - YSWUG Meeting, Yakima Maker Space, 5:30 - 8pm	
	11	F 13	WDE project follow up	
5	12	M 16	WDE redos due, Loft Features (airfoils), Sweep Features (handles, router cut), Rib Tool	
	13	W 18	WDE - from week 4 - SolidWorks 2018 Launch, Hilton, Yakima, 1 - 5pm	
	14	F 20	Assemblies, template, Sarrus Mechanism, Mates, Degrees of Freedom, WDE project follow up,	
6	15	M 23	WDE redos due, more on assemblies, Configurations, Tool Box (Fasteners), Smart Mates	
	16	W 25	WDE - from week 5	
		F 27	Personal Obligation - No Class	
7	17	M 30	More on assemblies, FDP assembly in class	
	18 Nov	W 1	WDE project follow up, Spur Gear Design homework	
	19	F 3	WDE redos due, Spur Gear Design Assignment	
8	20	M 6	WDE - from weeks 6 and 7	
	21	W 8	Drawings, templates, Views, Sheet Format, add Dims, Final Project Help, WDE project follow up	
		F 10	Vetran's Day - No Class	
9	22	M 13	More on Drawings, Title Block, Logo, BOM, Explode Configuration, Final Project Help - Stump the Chump	
	23	W 15	WDE redos due, FDP Toolbar presentation discussion, More on Drawings, YSWUG Meeting, SLUGME, Yakima Maker Space, 4 - 8pm	
	24	F 17	WDE - from weeks 8 and 9 - FDP Toolbar presentation selection	
10	25	M 20	WDE project follow up, WDE Revolve Feature Contest , Photoview 360, Photo real image generation, send part and image by midnight - no redos on this	
		W 22	Holiday No Class	
		F 24	Holiday No Class	
11	26	M 27	WDE redos due (Sarrus part and assembly files only), GD&T class lecture	
	27	W 29	WDE - Image Contest - and FDP Preliminary Drawings, Cover Sheet, Assembly with Exploded View & BOM, Part with GD&T - due on Friday	
	28 Dec	F 1	WDE for drawings due - beginning of class, CSWA Practice Exam	
12	29	M 4	Drawings from WDE followup, CSWA Exam, 10am - 1pm	
Final	Dec	T 5	8 am - Final Design Project Drawings and Models are due at the beginning of class, FDP Presentations	

 = recent changes

 = no class

Schedule may change without notice
check back often for the latest updates, compare date version at top