

Autodesk Inventor – Selected Examples

Jim Shahan - 7/14/2012

- Examples of other work that I have done with the software
- Things I have done to learn more about the software
- This is the “beginning” of a digital portfolio

Part Modeling and Drawing				
Part Modeling I	Extrude	Revolve	Hole Features	Face Draft
Part Modeling II	Work Plane	Loft	Bend Part	
Part Modeling III	Sheet Metal			
Gear	Notes			

Assembly Modeling and Drawing				
Butterfly Valve	Drawings			
Weldment	Notes			
Rack / Spur	Model Notes	Drive Constraint Notes	animate.bmp RackSpur.avi animate.wmv constraint.wmv rackspur_offset.wmv rackspur_round.wmv	
Machine Vice	Notes			
Arbor Press	Drawings	Arbor Press Ball End.bmp Arbor Press Rack.bmp Arbor Press.bmp Image.bmp Render1.bmp Render2.bmp Render3.bmp Water01.bmp Water02.bmp Arbor Press - section.tiff ArborPress.tiff Animatefade camera constraingiii.avi Drive.avi Explosion.avi Explosion_basic.avi Explosion_detail.avi Explosion1_4.avi Explosion1_5.avi PrecisionVice.avi Presentation.avi Video.avi Drive.wmv Driven.wmv Explosion1_1.wmv Explosion1_2.wmv Explosion1_3.wmv Explosion1_basic.wmv ExplSimple.wmv		
Engine	Notes	Video (2).avi Video2studio.avi constraint (2).wmv constraint (3).wmv constraint2.wmv		
Valve	Notes	Valve Spring.wmv		
Worm Gear	Notes	DriveConstraint (2).avi Worm Gear Reducer-VS.2.bmp Worm Gear Reducer-VS.3.bmp Worm Gear Reducer-VS.bmp		
Ball Valve	Notes	ballvalve.avi Ball Valve-Section.jpg		

Clock	Notes	DriveHourHand.wmv	
Socket Set	Drawings	Variations	Modeling info <ul style="list-style-type: none"> • iParts • Top-Down • Adaptive
Block and Tackle	Models	Modeling Notes	Video.wmv BTVideo2.wmv BTImage.bmp
Detailed Bolt / Block	Notes	2-21-2011 12-42-59 PM.jpg	constraint (4).wmv