

## SOLIDWORKS Self-Study

SolidWorks is installed on computers in the Exploratorium (Elab 203). In addition, you can download the SolidWorks installer and license information here:

<https://umass.box.com/s/utgpfl8juzvzh2nb7jqzpcjmmjntwdn>.

### Recommended SOLIDWORKS Tutorials:

Tutorial	Estimated Time (hours)
<b>SW 1: Getting Started</b>	
Introduction	1
Lesson 1: Parts	0.5
Lesson 2: Assemblies	0.75
Lesson 3: Drawings	0.25
<b>SW 2: Productivity Tools</b>	
Mouse Gestures	0.25
<b>SW 3: Basic Techniques I</b>	
Customizing SOLIDWORKS	1
<b>SW 4: Basic Techniques II</b>	
Fillet	0.75
Revolves and Sweeps	0.5
Pattern Features	0.5
Lofts	0.5
Assembly Mates	1
<b>SW 5: Advanced Techniques</b>	
Equations	0.33
Advanced Design	0.75
Advanced Drawings	2
3D Sketching	0.5
Multibody Parts	0.75
<b>SW 6: Design Evaluation</b>	
Animation	0.5
SimulationXpress	0.75
FloXpress	0.75
<b>Total:</b>	<b>13.33</b>

### Certified SOLIDWORKS Associate Exam

Students should also consider taking the CSWA exam before seeking an internship, co-op, or job. It is available to MIE students at no cost. For more and a sample exam see <https://www.solidworks.com/sw/support/cs-wa-academic.htm>. Once you are ready to take the self-administered CSWA exam, request a voucher code(s) from Jennifer Blake, [jblake@umass.edu](mailto:jblake@umass.edu); the exam instructions are available at <https://solidworks.virtualtester.com/#home>. Note that exam vouchers expire after approximately 2 months.

