



[<< Return to Search](#)

## Certified Solidworks Associate (CSWA) (SOLID001)

Certifying Agency:  
 Dassault Systems Solidworks Corporation  
 300 Baker Avenue  
 Concord, MA 01742  
 Phone :(800) 693-9000  
 Website: <http://www.solidworks.com/pages/services/Training/Training.html>

This certification/assessment currently appears on the following lists: (Prior year lists can be found at [fldoe.org/workforce](http://fldoe.org/workforce))

2012-13 Comprehensive Industry Certification List: Yes

2012-13 Industry Certification Funding List (CAPE): Yes

2012-13 Perkins Technical Skill Assessment Inventories (TSA):

Secondary: Yes

Clock Hour: Yes

College Credit: Yes

Perkins TSA Program Linkages:

CIP Title	CIP Code	Program Type	Secondary Program Number	Post Secondary Program Number	Date Added	Date Removed	Articulation *
Drafting PSAV	0615130100	VOC		C100200	2012-13		
Drafting/Illustrative Design Technology	0821010300	VOC	8600800		2009-10		
Engineering Technology - Secondary	0821011700	VOC	8607000				
Pathways to Engineering	0821010102	VOC	9400300		2009-10		

(Please view the [inventories](#) for applicable levels)

(Please view the [statewide articulation agreements](#) for credit agreements and requirements.

State Performance:

Year	Number of Students Attempting this Certification	Number of Students Earning this Certification	Pass Rate
1011	347	102	29.39%
0910	361	66	18.28%

**Credential Description:** Solidworks certifications can be used as a benchmark to measure a person's knowledge and competency with Solidwork mechanical design software. A Certified Solidworks Associate (CSWA) will stand out from the crowd in today's competitive job market. CSWA certification is proof Solidworks expertise and cutting-edge skills that businesses seek out and reward.

**Credential Requirements:** Recommended self-paced training This examination is a three (3) hour, fundamental skills test for designing and analyzing parametric parts and moveable assemblies using a variety of complex features in SolidWorks. Examinees must pass with a 70% or higher to obtain the Certified SolidWorks Associate Certification. Exam features hands-on challenges in many of these areas: Sketch entities - lines, rectangles, circles, arcs, ellipses, centerlines; Sketch tools - offset, convert, trim; Sketch relations; Boss and cut features - extrudes, revolves, sweeps, lofts ; Fillets and chamfers; Linear, circular, and fill patterns; Dimensions; Feature conditions – start and end; Mass

properties; Materials; Inserting components; Standard mates - coincident, parallel, perpendicular, tangent, concentric, distance, angle; Reference geometry – planes, axis, mate references; Drawing sheets and views; and Annotations

Meets the 150 hour Requirement: Yes

Instructor Qualifications: N/A

Testing Prerequisites: CSWA certification is intended for any industry professional or student with a minimum of six to nine months of SolidWorks experience and basic knowledge of engineering fundamentals and practices. SolidWorks recommends that applicants review the online tutorials on Parts, Assemblies, and Drawings as a prerequisite, and have at least 45 hours of classroom time learning SolidWorks or using SolidWorks with basic engineering design principles and practices.

Age Requirements: None

Experience Requirements: None

Basic Skills Exempt: N/A

Exam Fees: \$99.00 purchased online at <http://store6.esellerate.net/store/catalog.aspx?s=STR6391639620&pc=>.

Last revision date: 4/26/2012

Disclaimer: Every effort has been made to ensure that the information in this description is accurate. However, since changes may occur over time, the Department of Education does not guarantee that the information in this description is current since last revised. If you discover that this description contains erroneous information or that a web link does not work properly, please notify [industrycertification@fldoe.org](mailto:industrycertification@fldoe.org).

---

[DOE Home](#) | [Commissioner](#) | [Board of Education](#) | [Contact Us](#) | [DOE Paperless](#) | [Open Government](#) | [Site Index](#)

For questions & comments regarding education issues: [Commissioner@fldoe.org](mailto:Commissioner@fldoe.org)

| For questions & comments regarding this Web site: [E-mail Webmaster](#)

[Accessibility](#) | [Copyright Florida Department of Education ©2005](#) | [Privacy Statement](#) | [Public Records](#)

Free Downloads: [Acrobat Reader](#) | [Excel Viewer 2003](#) | [Word Viewer 97/2000](#) | [PowerPoint Viewer 2003](#)

Under Florida law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.