



Florida Department of EDUCATION

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Certified Solidworks Professional (CSWP) (SOLID002)

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)

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		2009-10		
Mechanical Drafting	0615130601	VOC	8725300	I480116	2011-12		
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	1	1	100.00%

Credential Description: A Certified Solidworks Professional is an individual that has successfully passed the advanced skills examination. Each CSWP has proven their ability to design and analyze parametric parts and moveable assemblies using a variety of complex features in Solidworks.

Credential Requirements: The current release of the CSWP Exam has been broken down into three separate segments. This new system means you no longer have to set aside a block of time to take the entire exam in one sitting. The segmented exam allows you to take each segment at any time, and in any order, and if you choose you can take all three in a row. Candidates have 3 hours and 30 minutes to complete all three segments with a minimum passing grade of 75% in each segment. Segment 1: (90 minutes) Creating a part from a drawing Using linked dimensions and equations to aid in modeling Using equations to relate dimensions Updating parameters and dimension sizes Mass property analysis Modifying geometry on initial part to create a more complex part Segment 2:

(40 Minutes) Creating configurations from other configurations Changing configurations Mass properties Changing features of an existing SolidWorks part Creation and modification of a Design Table in an existing part Segment 3: (80 Minutes) Creating an assembly Adding parts to an assembly Doing collision detection when moving a part in an assembly Mates Replacing a part with another part in an assembly Creating a coordinate system Using a coordinate system to perform mass properties analysis

Meets the 150 hour Requirement: Yes

Instructor Qualifications: N/A

Testing Prerequisites: None

Age Requirements: None

Experience Requirements: None

Basic Skills Exempt: N/A

Exam Fees: \$33.00 per segment purchased online at [http://store6.esellerate.net/store/catalog.aspx?s=STR6391639620&pc=.](http://store6.esellerate.net/store/catalog.aspx?s=STR6391639620&pc=)

Last revision date: 6/18/2012

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