



Certified SolidWorks Associate

Key Information: 2009-10 Workforce Florida, Inc. Technical Skill Attainment list. This certification is on the CAPE funding list is for 2009-10. The DOE code is SOLID001.

GENERAL EXAM INFORMATION

Certified SolidWorks Associate (CSWA) certification is evidence of expertise with SolidWorks® software. The exam is three hours in length. A score of 70% or better is required to pass and receive an electronic certificate. General information may be accessed at

http://www.solidworks.com/sw/support/796_ENU_HTML.htm .

TEST PREP

SolidWorks self-paced tutorials are recommended for exam preparation. The tutorials are available by selecting “Tutorials” at [http://www.solidworks.com/sw/support/learning-resources-cad-pdm-](http://www.solidworks.com/sw/support/learning-resources-cad-pdm-fea.htm)

[fea.htm](http://www.solidworks.com/sw/support/learning-resources-cad-pdm-fea.htm). The exam includes 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
- Dimensions and model items
- Annotations
- SimulationXpress

TAKING THE EXAM

The exam is conducted online and may be purchased for \$99 at <http://store6.esellerate.net/store/catalog.aspx?s=STR6391639620&pc>.