

Certified Solidworks Associate (CSWA) - Academic

Aligned Program of Study:

- Advanced STEM Applications
- Architectural & Engineering Design
- Bio-STEM
- Engineering
- Technology

Description

Solidworks is the most widely used CAD software in the world. Solidworks allows designers to produce a 3D rendering of their designs. Depending on the needs of the designer and company, Solidworks can also be used to design electrical circuits or pipe placements. The most unique aspect of Solidworks is that it provides animation capability, so the student can see the design as it would operate in real-world situations. With Solidworks Certification, students will demonstrate their expertise with Solidworks 3D solid modeling, design concepts, and sustainable design and their commitment to professional development. The Solidworks Education Program offers the CSWA - Academic certification for students who are well-versed in both basic pieces of knowledge of engineering fundamentals and practices, along with SOLIDWORKS CAD software and its methodologies and simulation principles. SOLIDWORKS recommends that applicants review the online tutorials on Parts, Assemblies, and Drawings as a prerequisite, and have at least 150 hours of classroom instruction that thoroughly covers the SOLIDWORKS CAD application, engineering design principles, and industry best practices.

Certification Information

Test Owner

Dassault Systèmes

SolidWorks Corporation

175 Wyman Street

Waltham, MA 02451

(800) 693-9000

Registration Procedures

Your school must be a Solidworks Academic Certification Provider to administer the tests.

Preparing to offer the certification

Required Instructor Qualification

The school will need to pass the qualifications to be a Solidworks Academic Certification Provider.

Exam Details

The typical fee is \$99.00. However, students may take these exams for free if their school is a Solidworks Academic Certification Provider and on subscription. Minimum license requirements apply and vary per region. To become a Solidworks Academic Certification Provider click [here](#).

As a Solidworks Academic Certification Provider, the school must agree to offer the CSWA-Academic Exam in a proctored environment. Students that pass the CSWA-Academic Exam receive an electronic certificate listing their certification ID and educational institution name. The certification ID can be verified by schools and employers.



Materials and Resources

Additional materials and resources can be found at these websites:

<https://www.solidworks.com/sw/products/3d-cad/academia.htm>.

<https://www.solidworks.com/sw/education/cswa-academic-exam.htm>

<https://www.solidworks.com/sw/support/cswa-academic.htm>

<https://www.solidworks.com/sw/education/cad-certification-student-program.htm>

For assistance contact Technical Training Aids. (800) 851-3987, jason@ttaweb.com

Vendors

TDOE does not currently have data-sharing agreements with any vendor, therefore the burden of proof to provide evidence of earning the certification will be on the school system.