

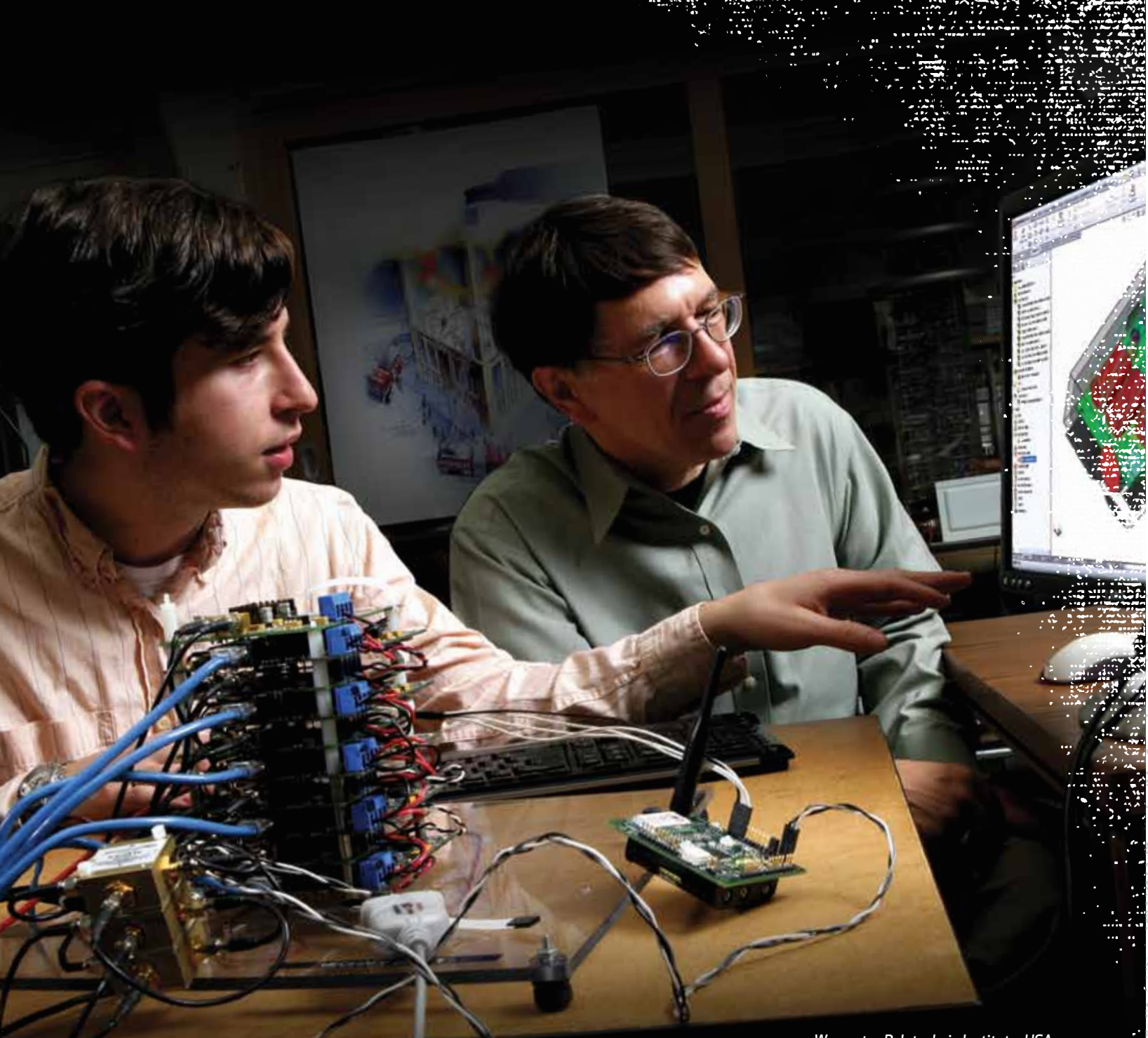
SOLIDWORKS EDUCATION PROGRAM



*"We chose SolidWorks because it is
intuitive and easy to use,
and the built-in Simulation package makes it
extremely easy to analyze our designs."*

- University of California, Berkeley,
Formula SAE Team, USA


SolidWorks



Worcester Polytechnic Institute, USA

"We needed modeling software that would be easy to use for students without any previous CAD experience."

- Valery O. Routkovskii, department head CAE
Siberian Aerospace Academy, Russia



GIVE YOUR STUDENTS AN ADVANTAGE WITH EASY-TO-LEARN CAD SOFTWARE

The SolidWorks® Education Program offers you a complete suite of design tools. With the software's intuitive user interface, your students will quickly be able to:

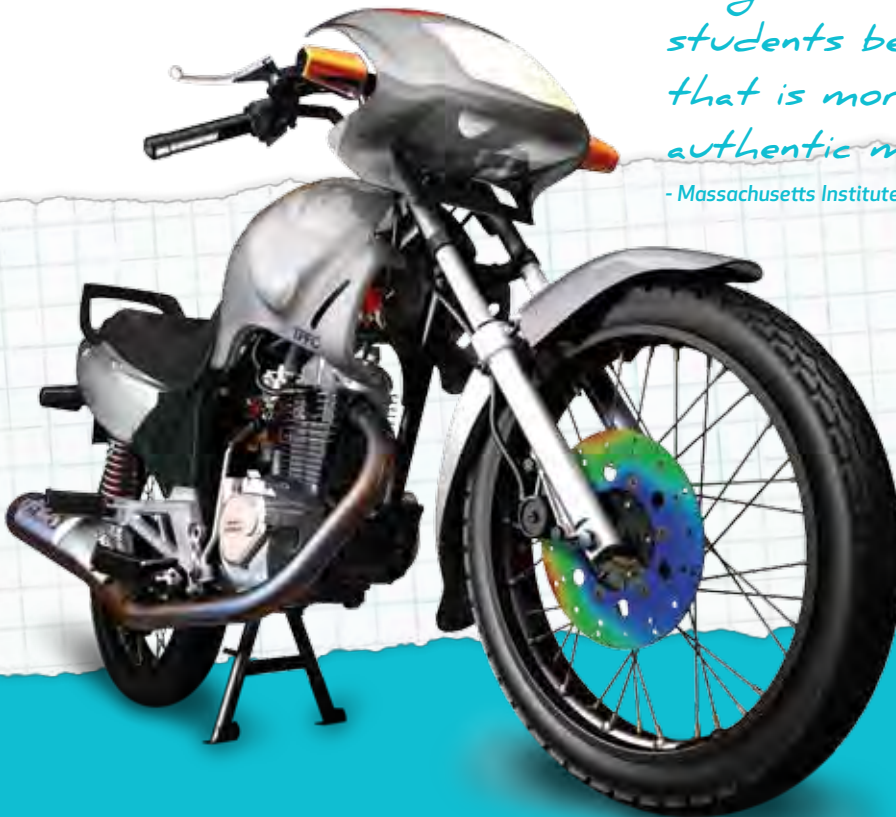
- ▶ Conceptualize and visualize detailed designs
- ▶ Precisely document designs and part lists
- ▶ Run complete analysis and fabrication
- ▶ Create technical illustrations for project presentations
- ▶ Employ data management for student projects

As a result, students can focus on ideas, problem solving, and working as a team—instead of having to memorize complex commands.



"We have been extremely successful using SolidWorks in the class, and our students benefit from an experience that is more representative of authentic mechanical engineering."

- Massachusetts Institute of Technology (MIT)



CBZ Hero Honda Motorcycle Student Design Project
Indian Institute of Technology, Delhi, India

Chemical/Petroleum

Automotive

Industrial Design/Art

Life Science/Agricultural

Biomedical/Robotics

Industrial/Manufacturing

Civil/Environmental

Material Science/Physics

Electrical/Computer

Aerospace

Mechanical

SolidWorks Prepares Students For Any Industry

SolidWorks helps engineers and designers in any industry meet the demand for innovative, high-quality products—in less time and at lower cost.



Assabet Valley Technical High School, USA

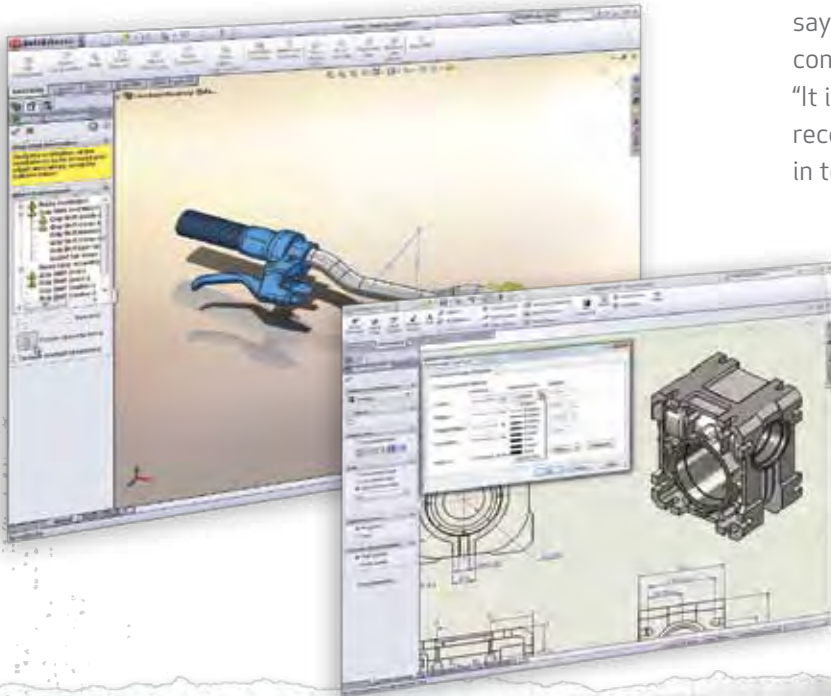
In addition to our Education License, we also offer University Research Licensing (URL) for your individual research and publications

University researchers can access the latest in engineering technology, while communicating with other researchers and industrial users around the world. URL has no restrictions for use in publications, industry-funded projects, and patent applications. It does not contain the educational watermark and follows the same release schedule as the SolidWorks commercial licenses.

SOLIDWORKS PREPARES YOUR STUDENTS TO SUCCEED IN THE TECHNOLOGICAL WORLD

SolidWorks teaches the design and engineering skills needed to build a successful career. In addition, by offering a Certified SolidWorks Associate (CSWA) Program—an industry-standard engineering design competency exam—you'll be able to help students affirm CAD proficiency to potential employers. This can lead to greater pay and, ultimately, greater job satisfaction.

"We hope to encourage students to become SolidWorks Certified Associates or Professionals," says Sajid Abdullah, a digital engineering consultant at Sunderland University in England. "It is a great opportunity for students to gain recognition and obtain better job opportunities in today's competitive world."



SolidWorks offers you and your students every advantage



- ▶ A complete suite of tools for every step of the design process
- ▶ Easy tutorials and custom curriculum guides
- ▶ Project-based activities for design, modeling, and visualization
- ▶ An active user community of over one million CAD professionals
- ▶ Used in more than 24,000 educational institutions and 87 percent of the top technical institutions
- ▶ Created by educators and industry professionals
- ▶ Access outside the classroom
- ▶ Students gain a competitive advantage with Certified SolidWorks Associate (CSWA) Program certificate



SOLIDWORKS MAKES MANAGING SOFTWARE LICENSING EASY

Between multiple school locations and students in the classroom and at home, CAD software licensing can often be challenging. SolidWorks Student Initiatives eliminate those frustrations with solutions that are easy to implement and simple to manage. If you ever need support, our network of local SolidWorks Value-Added Resellers is always available.

- ▶ Solutions that are easy to manage and implement
- ▶ Local SolidWorks Value-Added Resellers
- ▶ More than 170 local user groups



"It is much faster and easier to design and build individual parts and assemblies in SolidWorks. And the motion simulation helped us reduce mistakes."

- Taylor Pesek, sophomore, mechanical and electrical engineering major, Virginia Tech, USA



Curriculum to reinforce creativity and innovation

- ▶ Tutorials
- ▶ Projects
- ▶ Assessments

University of Michigan Solar Car Team
North American Solar Challenge Champions

STUDENTS CAN TEST THEIR DESIGNS WITHOUT PHYSICAL PROTOTYPES

SolidWorks software goes beyond drawings and models. With built-in simulation tools, students can test their designs throughout the development process to ensure viability and optimize performance. Every SolidWorks Education Edition license comes with tools for Finite Element Analysis (FEA), Computation Fluid Dynamics (CFD), and Kinematic Analysis (motion analysis).

SOLIDWORKS HELPS STUDENTS MAKE "SUSTAINABLE" DESIGNS

SolidWorks Sustainability enables students to analyze the future environmental impact of their designs. They'll be able to assess material choices, manufacturing techniques, and transportation methods that impact a product's overall sustainability and "carbon footprint."

*Subway designed by students at FH Joanneum
University of Applied Sciences, Austria*



Our Life Cycle Assessment calculates CO₂ quantities, energy usage, and air and water pollution throughout the entire life cycle of the design.

**SolidWorks is the one CAD program
you and your students need to succeed**

To learn more about our custom solutions, call a SolidWorks Value-Added Reseller or visit www.solidworks.com/education.



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*Formula Hybrid 2009 Competition
1st Place Winner designed by
Texas A&M University Racing Team, USA*

Front cover image:
University of California, Berkeley,
Formula SAE Team, USA