

# Solid Edge Student Edition

Solid Edge with synchronous technology – helping prepare students to meet the engineering challenges of the future.

## Benefits

- Free annual license to production software used in industry
- Early job market preparation by learning industry-leading CAD technology
- Networking opportunities through access to a global forum of users

## Features

- Production-grade 3D CAD software including synchronous technology
- Full part and sheet metal modeling, assembly design and automated drafting
- Exploded view creation, animation and advanced rendering
- Assembly applications including tube design and motion simulation
- Support for international drawing standards such as ANSI, ISO, DIN, ESKD, GB, JIS, UNI, GOST
- Mass property reporting and part list generation
- Free access to an online parts community for downloading catalog parts
- Interactive training materials with access to online user forum

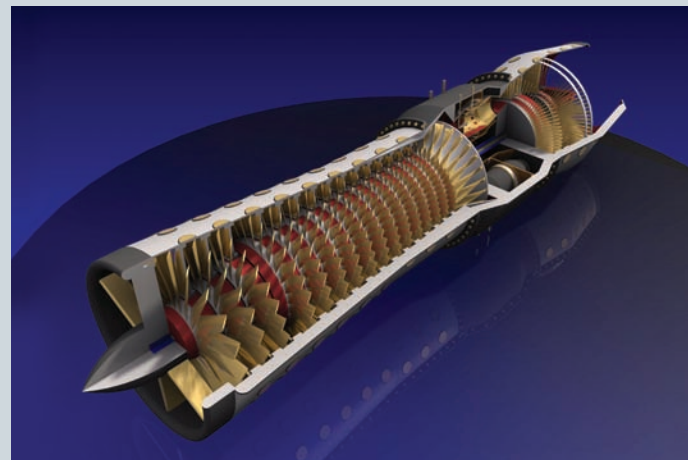
## Summary

Engineering is one of the most exciting and challenging disciplines offering a uniquely diverse range of careers. For students interested in excelling in product design and engineering, Solid Edge® Student Edition software delivers the industry's most advanced CAD technology giving users the freedom to capture their ideas quickly and intuitively. By leveraging synchronous technology within Solid Edge, students can focus on learning engineering and design concepts and principles and not on the CAD system. In today's highly competitive economy, graduates entering the job market need an advantage, something to differentiate their abilities. Solid Edge Student Edition is designed to better prepare students for entering the workforce.

## What's included

Solid Edge Student Edition includes the same core functionality used by leading engineers and designers and leverages the award winning synchronous technology. This groundbreaking technology can help students complete projects and assignments quicker, evaluate and test alternative designs with greater

flexibility, and easily re-use and modify CAD data from fellow students to improve collaboration enabling students to design better. When it comes to building complex assemblies, Solid Edge Student Edition offers a full complement of assembly design tools providing the ability to conduct motion analysis, explore the kinematic behavior of moving parts, perform part-to-part interference checking, and generate accurate bill-of-materials. Key physical properties of parts and assemblies such as mass, volume, center of gravity and moments of inertia can also be automatically computed. To help



University of Alabama in Huntsville, USA, [www.uah.edu](http://www.uah.edu)

## Solid Edge. Design better.

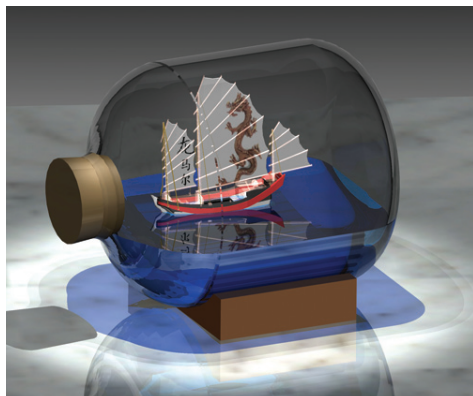
[www.siemens.com/plm/solid-edge-student](http://www.siemens.com/plm/solid-edge-student)

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## Solid Edge Student Edition

### System Requirements

- Windows Vista Business or Vista Enterprise operating system (32-bit or 64-bit) with Service Pack 2, Windows 7 Enterprise, Ultimate, or Professional (32-bit or 64-bit) with Service Pack 1
- Internet Explorer 9 (IE 6.0 meets minimum requirements)
- 32-bit (x86) or 64-bit (x64) processor
- At least 1GB RAM
- 65K colors with a minimum screen resolution of 1280 x 1024



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**“Solid Edge has great tutorials. I learned how to use Solid Edge in about two days and it was like that for everyone I knew.”**

Mike Woodley  
Student  
Saginaw Valley State University

students focus on innovation and complete assignments faster, access to a free online parts community provides a wide range of catalog components that can be downloaded and used directly in Solid Edge.

Solid Edge Student Edition also includes automated drawing production tools, the same tools used by engineering professionals, allowing students to learn and understand how design ideas are communicated in industry. Using created or imported 3D models, students can develop 2D drawings complete with orthographic, detail, section and exploded views to industry standards including ISO, ANSI, DIN, ESKD, JIS, and GOST. Also included is Goal Seek, a unique way to solve complex engineering problems such as load balancing, force and pulley configuration through 2D free-body diagrams.

Students will also be able to bring their designs to life through animations and photorealistic renderings giving a professional and high quality finish to projects and assignments.

### Training and support

There are several ways students can learn how to use Solid Edge. Included within the product are interactive tutorials that cover part modeling, sheet metal construction, assembly design and drawing production. Additional training is provided through online self-paced courses that include detailed step-by-step instructions and example model files. These training tools are a perfect way for students to learn how to use the groundbreaking synchronous modeling techniques in Solid Edge, to increase their productivity and gain the skills required by some of the world's leading engineering and product design companies.

Students registering for Solid Edge Student Edition will also be given access to a user forum where they can share ideas, tips, model files and collaborate with other users around the world. Siemens also hosts a dedicated channel on YouTube™, Slideshare™, Facebook™ and other public social sites that include tips, current events and useful training materials.

### Who's it for

This Solid Edge Student Edition is available to any active student of any age who is attending any academic institution such as accredited universities, technical colleges, trade and high schools. The duration of this offering is valid for one year, but can easily be extended with reregistration. Usage of Solid Edge Student Edition is intended for academic course work, and files created in the Student Edition cannot be opened in commercial versions of Solid Edge. Also, any created 2D drawing files are watermarked.

### Extending value

Siemens also offers Solid Edge University Edition, containing additional functionality and capabilities over the Student Edition, for use across an entire academic institution. It can be distributed to any part of the school and can be given to students for academic assignments outside normal class times. If your school, college or university is not using the Solid Edge University Edition, ask your teacher, instructor or professor to contact Siemens to learn how they can adopt and implement the industry's most advanced CAD technology.

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