



SIEMENS
Ingenuity for life

Solid Edge University Edition

Delivering industry-leading technology to world-class colleges and universities

Benefits

- Campus-wide 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

Minimum system requirements

- Windows 7 Enterprise, Ultimate, or Professional (32-bit or 64-bit) with Service Pack 1
- Windows Vista Business or Vista Enterprise operating system (32-bit or 64-bit) with Service Pack 2 (SP1 minimum)
- Internet Explorer 9 (IE 7.0 meets minimum requirements)
- 32-bit or 64-bit (x64) processor
- At least 1 GB RAM
- 65K colors
- Resolution: 1280 x 1024 or higher
- 3 GB disk space required for installation

Overview

For academic institutions looking to deliver world-class engineering and product design courses, Solid Edge® University Edition software delivers the industry's most advanced CAD technology that helps educators provide their students with the skills, knowledge and experience required to stand out in today's highly competitive economy, and better prepare them for entering the workforce.

Features

With Solid Edge University Edition you benefit from production-grade 3D CAD software including synchronous technology. You can also benefit from full part and sheet metal modeling, assembly design and automated drafting.

Other valuable features include 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; and interactive training materials with access to online user forum.

Solid Edge University Edition also delivers a comprehensive toolset with capabilities including Solid Edge Simulation, built-in finite element analysis (FEA) allowing students to perform easy analysis of their designs; data translators for DXF, DWG, IGES, STEP, JT and several native file formats; Wire Harness design and XpresRoute for mechanical routed systems; Engineering Reference calculation and formula-driven design tool; Goal Seek, a unique way to solve complex engineering problems such as load balancing, force and pulley configuration through 2D free-body diagrams; machinery and piping libraries; plus mold and electrode design.

What is included

Solid Edge University Edition brings the power and freedom of synchronous technology to the classroom, allowing educators to focus on teaching the principles of design and engineering, and not how to use the CAD system.

Siemens PLM Software:
Proud to support the next
generation of engineers
and product designers.

Solid Edge University Edition



This edition includes a comprehensive and integrated toolset for design, engineering and simulation including part, sheet metal and assembly design tools.

Students using Solid Edge in their studies are able to complete projects and assignments quicker as well as to evaluate, test and analyze design ideas with greater flexibility. Solid Edge enables students to re-use and modify CAD data from fellow students and legacy systems, improving collaboration and helping them design better.

Delivering value to higher education

Licensing

Solid Edge University Edition is a campus-wide site license delivering market-leading price/performance so educators can provide their students with an advantage in securing future careers. The Solid Edge University Edition is intended for academic course work. Files created in the University Edition cannot be opened in commercial versions of Solid Edge. Also 2D drawing files created in this edition will be watermarked.

Supporting world-class education

Siemens is focused on supporting schools, colleges, universities and students interested in learning product design and engineering. Students can gain maximum benefit in their use of Solid Edge by obtaining their own free copy of Solid Edge for use outside the classroom. For more information please visit www.siemens.com/plm/solid-edge-student

Training and support

Solid Edge includes interactive tutorials that cover part modelling, 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 tools and other project materials and competitions can be accessed via the Academic Resource Center (www.siemens.com/plm/academic-resources). Solid Edge University Edition comes with commercial-level support and maintenance. For more information please contact Siemens PLM Software.

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