

Autodesk Education Suite for Mechanical Engineering

This solution provides aspiring mechanical engineers and designers with industry-leading design tools that help prepare them for professional careers.

Help prepare the next generation of mechanical engineers with the Autodesk® Education Suite for Mechanical Engineering—an extensive set of Digital Prototyping tools and custom curricula that enable students to design, visualize, and simulate their projects, taking advantage of smooth bidirectional interoperability between 2D and 3D mechanical and electrical design applications.



Featuring an extensive set of Digital Prototyping tools used by professionals worldwide, plus access to invaluable online curricula, the Autodesk® Education Suite for Mechanical Engineering inspires students to design, visualize, and simulate their ideas. The suite supports multidisciplinary studies, enabling industrial design and mechanical engineering students to use a single digital model, which helps to boost design efficiency through visualization and simulation of the real-world performance of their designs.

Key Benefits

- Promotes the use of Digital Prototyping tools such as Autodesk® Showcase® and Autodesk® 3ds Max® Design software for design visualization and simulation, helping students move into the workforce with a competitive advantage
- Supports multidisciplinary studies by enabling students to use a single digital model and boosting design efficiency by visualizing and simulating the real-world performance of a design

- Offers students and educators free* learning and curriculum materials, software for personal use, and discussion forums—all accessible through the Student Engineering & Design Community at www.autodesk.com/edcommunity
- Integrates Autodesk® technology into the classroom with interactive exercises, modular projects, and instructor lesson slides that emphasize design concepts instead of software

The Education Suite for Mechanical Engineering includes the following 2D and 3D design software products:

- AutoCAD® Electrical
- AutoCAD® Inventor® Professional Suite
- Autodesk® Impression
- Autodesk® Showcase®
- Autodesk® SketchBook® Pro
- Autodesk® 3ds Max® Design

Autodesk Learning Resources for Educators

Integrate Autodesk® technology on your campus with free resources and lesson plans from the Autodesk Student Engineering & Design Community. By joining the community, educators have access to a wide range of materials, including curricula, interactive exercises, and modular projects for design basics, mechanical engineering, sustainable design, and industrial design.

The following titles are examples of curricula that support the Education Suite for Mechanical Engineering:

- **Autodesk Inventor**—Supports teaching 3D mechanical design concepts with an emphasis on workflow
- **Autodesk Formula Car Design**—Enables students to create, assemble, analyze, and simulate a digital prototype of a Formula car using Autodesk Inventor software

Learn More or Purchase

Academic institutions can purchase in a variety of configurations with flexible licensing terms designed to meet the needs of the smallest classroom to the largest multisite university system. Autodesk offers institutions and schools affordable pricing on Autodesk software, curricula, and training, including significant discounts for volume purchases. Autodesk Education Suites are generally available in both one-year term and perpetual license forms! Autodesk Education Suites can be installed using either stand-alone or network licensing.

To purchase the Autodesk Education Suite for Mechanical Engineering, contact an Autodesk Education Reseller. To locate the reseller nearest you, visit www.autodesk.com/reseller. To learn more, visit www.autodesk.com/education.



Image courtesy of Ulysse Nardin SA



Image courtesy of Prensa Jundiai, Brasil

Autodesk Subscription

Education Suites are offered with the option of purchasing Autodesk® Subscription to gain access to web-based technical support, updates, product extensions, other software entitlements, and additional training and learning content. To learn more, visit www.autodesk.com/subscription.

*Free products are subject to the terms and conditions of the end-user license agreement that accompanies download of the software. The software is for personal use for education purposes and is not intended for classroom or lab use.

† Some suites may not be offered in both term and perpetual versions in certain regions.