

AUTODESK DESIGN ACADEMY

Parent Organization: Autodesk

Web Address: <http://usa.autodesk.com/adsk/servlet/index?siteID=123112&id=3268568>

Grade/Age Levels: High school (Autodesk has created other curriculum packages for post-secondary as well as elementary and middle schools.)

Overview: Launched in 2001, the Autodesk Design Academy (ADA) is a comprehensive program for secondary schools. Developed using ITEA's Standards for Technological Literacy by experienced educators and technical experts, ADA helps students develop science, technology, engineering, and mathematics (STEM) skills. The curriculum positions the design process ahead of the software training and is designed to engage students in real-life projects, while developing science, technology, engineering, and mathematics skills, foundations key to student success regardless of their future career choice.

The ADA curriculum includes everything needed to teach students pre-engineering and pre-architecture using Autodesk software. The comprehensive project-based curriculum includes ready-to-use lesson plans, test questions, evaluation rubrics, student projects, online learning resources, and teacher assessment tools along with the following Autodesk software: Autodesk® Architectural Desktop, Autodesk VIZ, Autodesk Inventor® Series, Autodesk Revit, and Autodesk Autocad®. As an added value, a faculty license of software for curriculum and professional development is included.

Subjects Covered: Pre-engineering and pre-architecture

Size of Program: NA

Where Offered: NA

Time Spent by Students: Used during the regular school classroom hours but can also be used for co-curricular activities such as FIRST robotics.

Partners/Sponsors: NA

Format:

- Modular, project-based materials
- Teacher assessment tools including evaluation rubrics and online learning resources
- The Autodesk Learning Assistance Development Kit
- Autodesk Software: Architectural Desktop™, Autodesk VIZ, Autodesk Inventor® Series, Autodesk Autocad®

Materials Available on Web and/or Purchase:

- **Annual Term License**—Ideal for institutions with limited funding. Autodesk Design Academy offers annual term licenses, which expire in one year. When the license expires, schools can purchase another annual license or remove the software and curriculum from their computers without any further commitment.

- **Perpetual License**—Ideal for institutions wanting to purchase and own the Autodesk Design Academy license without any commitment to future purchases. Perpetual licenses do not expire and are upgradable. Schools can purchase upgrades yearly or as their budgets permit.
- **Autodesk Design Academy Plusgrade**—Ideal for institutions that already own an Autodesk stand-alone software license. Plusgrade your Autodesk software and qualifying competitive products to Autodesk Design Academy, which includes six Autodesk software titles and curriculum.

Training – Avail/Required: ADA comes with the Autodesk Learning Assistance Development Kit which has detailed instructions on implementing the ADA program including a sample syllabus and some projects.

Results to Date: NA

Cost Structure: Pricing information can be obtained from the Autodesk authorized retailer in Portland

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503- 252-3230
800-458-0690
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Funding: Participating schools must purchase ADA from Autodesk.

Other Interest Point(s): Autodesk Design Institute is the Autodesk curriculum for post-secondary institutions and Autodesk DesignKids has been created for elementary and middle schools.