

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

Oct 11-14 — Solid Edge Fundamentals Class

Solid Edge Free to Students and Secondary Schools

At the Solid Edge ST4 Launch in Huntsville, Alabama, Siemens announced that in September they would be offering Solid Edge free to students and secondary schools. This is a great opportunity for schools that want to teach their students mechanical CAD because they can now install the software on all of the computers in their labs and also let students install the software on their own laptop for homework.

To go along with Siemens announcement, Archway is now offering an annual support agreement for schools for just \$200 a year. This will include one free annual webinar on the new releases for students and faculty alike as well as email support for students and faculty throughout the year.

Siemens new academic program will be great for secondary schools everywhere, especially considering all of the budget cuts going on in education. One example of schools this new program will be benefiting are the 200 schools that participate in the Environmental and Spatial Technology Initiative (EAST) because of their use of Solid Edge for instruction in mechanical CAD. Now they will be able to get the newest Solid Edge for free! And they can also get a whole year of email support for both faculty and students from Archway for just \$200.

For more information on this new academic program or the annual support agreement offered by Archway, email us at tom@archwaysystems.com.

Z Printed 3D Models

We offer service to make Z Printed 3D physical models that are useful for prototypes. Just email your 3D model to us and we will send you a no-obligation quote.

Contact Archway for more information about sizing and prices or to get your personalized no-obligation quote.

Solid Edge Fundamentals Class

The Solid Edge Fundamentals course will focus on making the novice user aware of the potential uses of production level solid modeling. The focus of this course is on the fundamental skills and concepts central to the use of Solid Edge.

This course will be offered at Archway in Huntington Beach, CA **10/11 to 10/14** for a cost of \$1500. However if more than one person per company registers, your company will get a discount. Contact Archway for more information.

Solid Edge Lunch & Learn Recap

Archway provided a lunch and learn at Steven's Steakhouse in the City of Commerce on July 29th, 2011. There were 12 attendees from 8 different entities. Attendees were shown Siemens Velocity Series product line, including Solid Edge, FEMCAM Express, and Teamcenter Experess, pointing out that this is serious MCAD with many modules, the same as those used by GM, GE Aircraft Engine and more. For example, Teamcenter has over 5,000,000 licensed users worldwide, unquestionably the leading PDM software in the world. Teamcenter Express, included in the Velocity Series, is the exact same software, just prepackaged with Industry Best Practices configuration. Attendees wanted to learn more about how they can upgrade their existing level of Solid Edge to Premium which includes FEMAP and NASTRAN for linear static analysis and modes. So many of the ST4 features strengthen Solid Edge that several wanted quotes for getting back on maintenance.



Greg of Archway talking about the new features of Solid Edge ST4 with the group.

Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Sandy Lazear	Accounting
George McMeans	Sales & Training in Nor. Cal.	Linda Grubb	Support and administration
Mike Lazear	Programming & Support	Josh Lazear	Webmaster and Z Support
Phill Frye	Training & Consulting	Daniel Lazear	Sales
Greg Hamano	Training & Support	Lauren Jansen	Marketing & Sales
		Shannon Schoenberger	Marketing

REPORT

Solid Edge in Academics

EASTinitiative, a network of over 200 schools committed to the environmental and spatial technology (EAST), uses Solid Edge to teach their students. Greg Hamano of Archway goes out every summer to train the facilitators of these classes so that they are up to date on the latest that Solid Edge has to offer. EAST is a different way of learning for students which is hands on with the latest in technology.

Instead of teachers, facilitators watch over a classroom, but it is the students' initiative and responsibility to plan the lessons and projects. This way they are more involved in their community with developing community projects with the latest that technology has to offer. This includes fields such as Animation, Web Design, Engineering, Virtual Reality and more.

In the Engineering category, one of the main CAD software used is Solid Edge. This is because it is one of the leading software in the professional industry which will help the junior high and high school students be better prepared for the future.

Other schools across the U.S. are also using Solid Edge to teach their students. USC uses both SolidWorks



Greg Hamano of Archway teaching at the EASTinitiative Summer Seminar for Facilitators 2011

and Solid Edge to teach their junior level students in order to give them a taste of both sides of the market. This gives the students the chance to use both software and decide which fits their needs best. Also this gives them a leg up when applying for jobs after college because they have experience working with both products. Los Angeles Trade Tech is another one of these schools that offers Solid Edge to its students.

Solid Edge is a great academic product because it is easy to use and

learn about mechanical design while still being an industry professional product. This makes it easier for students to learn while in school and be ahead of the game when joining a company after graduation. They will already have years of experience with the software when first entering a company.

Contact Archway for more information on Solid Edge or see page 1 for an article about the secondary school Solid Edge special.

Different Levels of Solid Edge

There are four different levels of Solid Edge available. Here we want to explain to you the differences so that you can best decide what works for you. If you would like any more information on any of these four levels, don't hesitate to contact Archway.

- **Solid Edge Design and Drafting**

This base package includes part modeling, assembly modeling, and drafting for prismatic parts including Synchronous Technology, a unique method of providing history-free feature based design, parametric, feature-based solid modeling of holes, cutouts, and assembly tools that make it practical to work with large assemblies.

- **Solid Edge Foundation**

This package, for robust complex surface creation, includes all of the features of the base package as well as Rapid Blue, a series of unique capabilities for robust complex shape creation. It also includes process specific workflows and more.

- **Solid Edge Classic**

This package includes all of the features of the Foundation package as well as Femap Express, fully integrated design management with Insight, embedded assembly and BOM management, and much more.

- **Solid Edge Simulation**

This package has a finite element analysis functionality and is designed for structural analysis of parts and assemblies.

Archway's Product Line

Archway is a full service provider of technical software serving the Academic, Architectural, Civil and Mechanical Engineering markets.

DESIGN & ENGINEERING SOFTWARE:

- MicroStation, ProjectWise and applications
- VersaCAD Win & Mac
- Bentley Architecture & Generative Components
- InRoads, PowerCivil & Geopak Civil Software
- Haestad Hydraulic Analysis Software
- Hevacomp & Tas Software
- Solid Edge and applications
- Promis*e
- Pointools Edit and Plug-ins

3D GRAPHICS & ANIMATION SOFTWARE:

- Rhino 3D, Flamingo, Penguin & Bongo
- Bentley ProjectWise Navigator
- ArchVision libraries

COMPUTER PERIPHERALS:

- Z Corp 3D Printers

SERVICES:

- Training
- Phone support
- On-site support
- 3D Printing
- Customizing
- Consulting
- Contract software development
- CAD file translation

MyCADvideos.com

Checkout this site for free introductory videos and one hour webinars on the latest in CAD, FEM, and more.

PRODUCTS

ZPrinter[®]450

World's Most Automated and Affordable Color 3D Printer



\$18,000

\$39,900*



* Manufacturer's Suggested U.S. List Price for Printer only. Options, shipping, local taxes and duties not included.

ZPrinters

Just like new Z 450! Now only \$18,000! Archway turns our demo machine at least once a year, and it is time for our demo 450 to go. If you purchase our printer and put it under warranty, it is just like a new printer. There is no difference. A used printer under warranty is the same to you as a new printer under warranty, only you save \$22,000. If you are looking for a printer, don't wait! First come, first served.