

The Arch Way



The Newsletter for Friends of Archway Systems

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Upcoming Events:

Jan 22 — So Cal Bentley Bash 2011 at Rio Hondo CC

May 23-26 — BE Live Conference in Philadelphia

Bentley User Group

The Bentley User Group is a great way to connect with other professionals using the same software as you. Also it is a wonderful opportunity to get the latest information on Bentley software products.

The user group meetings take place once a quarter and are located in LA and Orange County. They are usually an evening event which includes a light dinner. Some of the topics they cover include updates to MicroStation, latest software releases, and more.

Check out their website www.scbug.com for more information about upcoming events or to get tips for certain products.

GenerativeComponents: Latest Version Free Download

The latest version of Generative Components enables architects and engineers to pursue designs and achieve results that were impossible before.

This generative design software captures the critical relationships between design intent and geometry and exploits them to be the best it can be. Designs can be refined in many ways including with dynamic modeling and direct manipulating of geometry, applying rules and capturing relationships among building elements, and more.

GC is integrated with Building Information Modeling (BIM), analysis and simulation software. It is a great product for all of your energy efficient designs. It saves you time and energy while also creating a sustainable design.

To get GC free, just visit Bentley's website [here](http://www.bentley.com), and click on the button to download. If you are taking the GC class at the Bentley Bash, this is the version that will be taught.

Bentley Bash 2011 is Here!

Join us on Saturday, January 22nd, 2011 for our third annual Bentley Bash at Rio Hondo Community College. Spaces are filling up fast and there is not much time left to register. Click [here](http://www.bentley.com) to register for this FREE day of hands on training and lunch!

Classes offered include products such as MicroStation, InRoads, Bentley Structural, ProjectWise, Generative Components and more. There are a range of classes for various skill levels from introduction classes to advanced to specialized classes such as Customizing MicroStation using VBA.

It will be a great day of learning for everyone involved. If you would like to be a part of this, make sure to register ASAP! Remember it is a FREE day of training and lunch is included. [Sign up today!](http://www.bentley.com)

ProjectWise Navigator now Bentley Navigator

Because of the confusion between ProjectWise Navigator and ProjectWise, Bentley has opted to change the name of Navigator to Bentley Navigator. Be sure to note this change when looking for information on Navigator on Bentley's website.

Bentley 2010 Yearbook

Bentley's annual yearbook, *The Year in Infrastructure 2010*, features the outstanding nominated projects of the 2010 Be Inspired Awards. This 232 page publication presents over 320 of the world's top infrastructure projects of 2010 and describes the innovative use of technology and business practices that made these amazing projects possible.

A complimentary copy of *The Year in Infrastructure 2010* is available to you through Bentley. You can view it online [here](http://www.bentley.com). Or you can order your own free print copy by filling out a short form [here](http://www.bentley.com).

See what others are doing around the world, using the same products you use everyday.



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Who's Who at Archway Systems

Tom Lazear	Administration, Sales & Training	Josh Lazear	Webmaster , Z Support and Programming
George McMeans	Sales & Training in Nor. Cal.	Daniel Lazear	Programming
Mike Lazear	Programming & Support	Stephen Peters	Building/Building Performance Sales
Phill Frye	Training & Consulting	Chris Grubb	Civil and Water Sales
Greg Hamano	Training & Support	Lauren Jansen	Marketing & Sales
Sandy Lazear	Accounting	Shannon Schoenberger	Marketing
Linda Grubb	Sales Manager		

REPORT BeCareers: Bentley's Valuable Academic Support

One of the problems in the US these days is the lack of students entering the architecture, design, and engineering fields. The US sorely lags behind the rest of the world. Consequently, with the graying of the engineering workforce, the US will be facing a real shortage in the years ahead.

At the same time, schools' budgets are being slashed, so high schools are dropping technology classes and universities are finding it difficult to keep up with the changing technology.



Bentley's BeCareers program is a not-for-profit arm of Bentley whose goal is to contribute to the solution. BeCareers, headed by Scott Lofgren, WorldWide Director, Laura Meier, Director of the Americas, and their team of employees and consultants (including Dr. Ed Middleton, retired US Army Corp of

Engineers Chief Engineer, and our own Tom Lazear) are dedicated to helping education increase the technical knowledge of graduates.

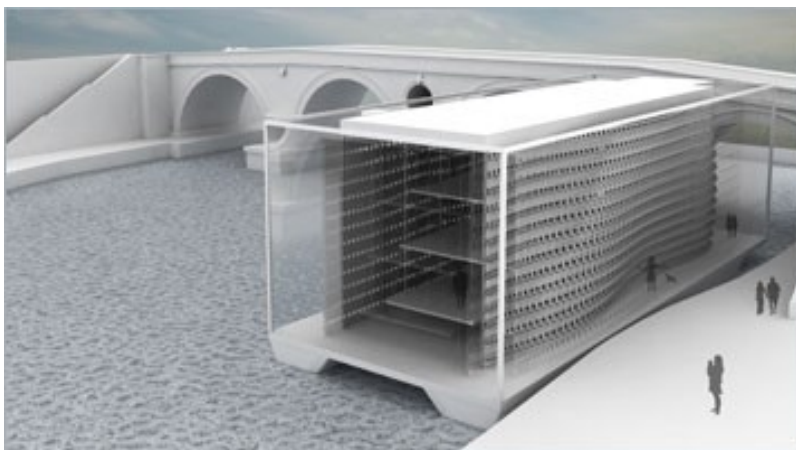
The BeCareers program includes software (over 50 industry leading titles) for architectural, civil, mechanical, electrical, and construction. Also, it includes free online workshops and over 1000 online courses accessible by students and faculty.

The objective is to enable the instructor or professor to teach concepts and then to leverage the BeCareers classes and workshops for the student to learn technology. The annual design contest gives students incentives to participate via thousands of dollars in prizes. One of the 2010

winning designs, created by Pauline Barkin and Katheryn Czub of Rensselaer Polytechnic Institute, was a dynamic systems design of a vertical greenhouse in the Tiber River in Rome. It won the Computational Design category and the students won a \$1500 scholarship for their design.

Archway has been involved in supporting academic institutions since its founding in 1989 and has been a consultant to BeCareers since 2004, serving on the Advisory Committees and promoting and supporting events like the Bentley Bash at Rio Hondo. Tom Lazear will be speaking at various schools this February via the Engineering week activities sponsored by ACEC, Caltrans and others.

Engineering week promotes pre-college literacy in math and science and tries to strike an interest among high schools students for a career in engineering and technology. Local engineers spend that week visiting high schools to give presentations and raise student awareness and interest in engineering as a career.



The 2010 Computational Design category winning design, created by Pauline Barkin and Katheryn Czub

Check out the BeCareers network [here](#).

Training Class Schedule

Archway offers a variety of training classes using the latest of each software. All classes use certified materials and are held from 8:30AM to 5PM. Locations: Huntington Beach training center (**HB**) and S.F. Bay area (**BA**). Classes can be delivered on-site and online. Call or email Archway for the latest class schedule. For the latest Bentley courses, see also: <http://www.bentley.com/en-us/training/>

Upcoming MicroStation Classes

- **MicroStation Essentials** — This 4-day course is designed for the new MicroStation user and builds a solid foundation in the concepts, tools and features found in the MicroStation drawing environment. Starting with setting up a drawing and concluding with plotting, students walk through a typical workflow using the tools and features on the latest version of MicroStation. Cost is \$1400. Location: **HB**
 - ◇ **V8i SS1 Edition** — 2/15 to 2/18; 3/7 to 3/10; & 3/29 to 4/1
- **MicroStation for AutoCAD Users** — This course is specifically for experienced AutoCAD users wanting to transition their CAD knowledge to MicroStation skills. The student will learn a wide range of topics beginning with how to incorporate existing data from AutoCAD into a new design file. Cost is \$1250. Location: **HB**
 - ◇ **V8i SS1 Edition** — 1/26 to 1/28 & 3/16 to 3/18
- **MicroStation User Update** — This course covers all of the major new capabilities of MicroStation V8i are covered in a series of hands-on exercises. Students will learn about Workflow Task based interfaces and Project Explorer among other topics. Cost is \$1025. Location: **HB**
 - ◇ **V8 XM to V8i SS1** — 1/24 to 1/25; 2/22 to 2/23; & 3/22 to 3/23
- **CAD Management and Administration** — In this course, users will learn the skills and techniques necessary to manage a MicroStation-based design environment, with an emphasis on project management and standardization, both at a project level and a corporate level. Cost is \$2600. Location: **HB**.
 - ◇ **V8i SS2 Edition** — 2/8 to 2/11
- **MicroStation Advanced User** — This course is intended for the experienced MicroStation user and focuses on the features of MicroStation designed to improve user and work-group productivity. Cost is \$1250. Location: **HB**
 - ◇ **V8i Edition** — 2/1 to 2/4

Other Upcoming Bentley Classes

- **ProjectWise V8i User Essential** — In this class, users will discover the latest updates and enhancements in ProjectWise V8i, focusing on the options available and essential to the users of the application. Cost is \$800. Location: **HB**
 - ◇ **Dates** — 1/25 & 3/15
- **Bentley Building Suite (3D) and Bentley Architecture Fundamentals V8i** — This course allows users to learn Bentley Architecture software products in order to create 3D building projects. Cost is \$1025. Location: **HB**
 - ◇ **Dates** — 2/10 to 2/11
- **InRoads Fundamentals, Drainage V8i and Advanced Roadway Designer** — These courses introduce civil engineering designers to using InRoads software for road design projects. This hands-on training walks students through the project design cycle. The Advanced class is for students already familiar with InRoads wanting to learn more. Cost is \$1360. Location: **HB**
 - ◇ **Fundamentals** — 3/2 to 3/4
 - ◇ **Drainage** — 2/23 to 2/25
 - ◇ **Advanced** — 2/16 to 2/18

Upcoming Rhino Classes

- **Rhino I** — In this class you'll learn to create and edit accurate free-form 3D NURBS models. This fast-moving class covers most of Rhino's functionality, including the most advanced surfacing commands. Cost is \$695. Location: **HB**
 - ◇ **Dates** — 1/11 to 1/13 & 2/28 to 3/2
- **Rhino II** — This class will be an advanced version of the Rhino I class following more intricate processes at a faster work pace. It will cover the rest of Rhino's functionality which you do not cover in the first class. Cost is \$795. Location: **HB**
 - ◇ **Dates** — 2/1 to 2/3 & 3/29 to 3/31

Construction Computing Awards 2010

Bentley received honors in the Construction Computing Awards 2010 for their GenerativeComponents V8i technology preview and use of social media. The GenerativeComponents V8i technology preview was named “CAD Product of the Year.” Bentley also won the “Best Use of Social Media 2010” award.

Other products of Bentley’s were recognized as runners-up in categories. Their STAAD(X) software was runner-up in the “Structural Analysis of the Year” award and Hevacomp was runner-up in the “Building Services Product of the Year” award.

Bentley’s global marketing director, Huw Roberts, said, “It’s great to have our work advancing generative design software and exploring new social media tools be

recognized by such a prestigious group.”

The director of the Construction Computing Awards program, Josh Boulton, also said “Capturing two awards this year and being a runner-up in two other categories is a testament to how much IT professionals value Bentley’s portfolio of software offerings.”

The winners of these awards are chosen by the magazine’s readership, including IT professionals in construction, product, and project design companies.

Bentley is a constant driving force among IT professionals because their products are easy to use, efficient, and overall create a better design. They provide design solutions for an infrastructure that sustains our world.

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

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

Archway Training Center

Checkout the training classes on page 3. Classes for every need for MicroStation, Haestad, InRoads, STAAD.Pro, RAM, Rhino, Solid Edge and VersaCAD. Increase your design productivity.

MyCADvideos.com

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

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.

PRODUCTS

ZPrinter[®] 450

World’s Most Automated and Affordable Color 3D Printer



\$18,000

~~\$39,000*~~



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