The World Class CAD Home Page

## World Class CAD Prepares for Fall Quarter

The pace of writing is not slacking as the authors and video trainers at this central Ohio Computer Aided Design (CAD) organization continue to publish. They are creating the much needed online educational material meant for the Architectural and Engineering community for the upcoming school year.

"We keep on distributing chapters which the design professionals and students need" says Charles Robbins – co-founder of worldclasscad.com. "We have not started to advertise the website while we are in the early building stages this year, and we still get thousands of hits every week."

One reason that may be is that the learning modules are easy to use and are available to everyone. We visited the website and most of the three computer aided design textbooks on AutoCAD are complete. Charles says that many college professors and engineering department managers are already using the web based textbooks.
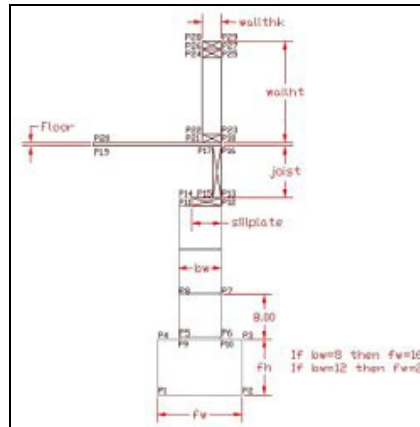
## Top Text in Engineering Programming Online

Two new textbooks are in the process of making their début in the summer of 2006 on the worldclasscad.com website, World Class CAD - Visual AutoLISP

Training Method and Visual Basic Applications for AutoCAD.

"We have programming groupies on our site" says Charles Robbins, author of both texts. "When a chapter is released, we can get as many as 300 hits an hour on our servers."

Both manuals bring the CAD user through small projects up to completing entire drawings by the final chapters. There are few if any other texts on the subject that handle this assignment.



Creating a Detail with a Visual AutoLISP Routine

In our research we found Money Magazine's article "50 Best Jobs in America" on April 25, 2006 by Tara Kalwarski, Daphne Mosher, Janet Paskin and Donna Rosato ranking software engineering as the number one job in our country.
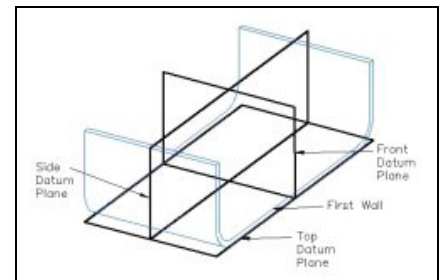
Charles wrote and led software teams for the U.S. Army, Siemens and assists in many projects across the Midwest. He believes he can better support his hundreds of graduates by placing the information on the website.

## Pro Engineer Reference Guide is a Go

World Class CAD trains and supports all of the major computer aided design applications on their website. In 2006, there will be the

same excellent instructional material for Pro Engineer software written by John Losco, Mechanical Engineer.

Last Thursday, he was inspecting the edited pages for his textbook and says it is a "Go". John is very excited to bring a down to Earth, practical guide to creating 3D parts and assemblies in the PTC Wildfire application.



Easy to Follow Diagrams in the Pro Engineer Reference Guide

His Pro Engineer Reference Guide will begin to appear on the worldclasscad.com website in July of 2006.

## Reaching Architects and Engineers with ADS

Yaple Electronics is talking to Architects, CAD Designers and Engineers by placing a static ad for his computer and electronics shop on the worldclasscad.com website.

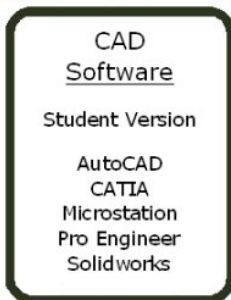Advertise for Yaple Electronics on the worldclasscad.com website

Bill is one of the most respected computer specialists in our state. He is a network administrator for

Technology Education College, and tests software for Microsoft. You may have seen him on a local TV newscast discussing the most recent computer developments.

Companies can reach thousands of professionals easily with the ADS (Advertising Done Simply) program. The announcement you place on our site will not disappear or annoy the computer user. Your promotion will be static and professionally received.

## CAD Student Software is Prodigiously Priced

In the 1970's, exposure to the world of computer aided design was through a main frame system that cost nearly $250,000 a seat. By the 1980's, Autodesk released software brought that number down to a few thousand dollars, but this was very expensive for newcomers to learn innovative skills. Now, companies are releasing their powerful design systems at an extremely advantageous price.

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CAD
Software

Student Version

AutoCAD
CATIA
Microstation
Pro Engineer
Solidworks
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Student Software Link on worldclasscad.com

We presented a report to a national college system in the Spring of 2006 and in the testimony, Autodesk, Bentley Systems, IBM, PTC and Solidworks all had products that are affordable to many high school and college students.

Many times for ease, we direct our students to Journeyed.com, a distributor of educational materials and they have AutoCAD 2007, Pro Engineer Wildfire 2.0 and Solidworks 2005-2006 education versions available for anyone providing proof of their enrollment in an instructional program. We

have personally used their services and have sent hundreds of students in their direction for CAD software for many years. IBM CATIA software is available at http://products.engineering.com/catiastudent/index.htm.

Bentley Systems has their PowerDraft software available for free downloading and states on their website that by providing easy access to their software, their contribution towards education "helps students and professors incorporate architecture, engineering, and construction technology into the classroom, increasing the number of career-ready engineers."

## Popularity of Virtual Tours at World Class CAD Builds

Have you taken a tour lately? Stop by the worldclasscad.com website and take the virtual tour that introduces the author and comments on the textbooks.

"These are very short insights into each level of training done by the writers' themselves." says Mark Bughman, the other founder of World Class CAD.



Charles Robbins Discussing CAD on the World Class CAD Virtual Tour

Mark Bughman both produces and directs the World Class CAD training videos from his facility just on the outskirts of Cleveland Ohio.

Quality video instruction of these learning modules is just as important as the textbooks. As each textbook is finished, a DVD and VHS tape is made to support the textbook.
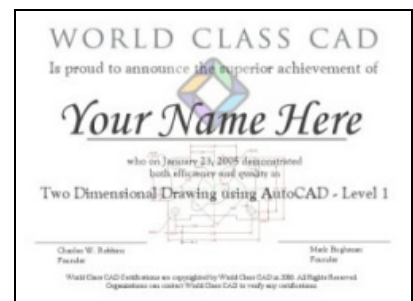
New virtual tours for the Small Business and Home Network, Pro Engineer Reference Guide and Mechanical Design textbooks will be

online in July along with samples of the video classroom material.

## World Class CAD Certifies CAD Applied Aptitude

World Class CAD has a stringent certification program for students and professionals. See the World Class CAD Certification link on the website for all the details. Many individuals have already been certified and their names can be posted on the website once they sign a release form.

For Technology Education College graduates in Columbus Ohio that achieved a grade of B+, A-, or A+ (85% or better) in the 2D, 3D, LISP and VBA coursework from 1997 to 2006 are eligible for World Class Certification in those subjects.



An Example of a World Class CAD Certificate

TEC students can submit their transcripts to World Class CAD and receive their certificates. By signing a release, those students can also be listed on the website displaying their certification.

Other high school and colleges instructors can contact World Class CAD to set up a certification program for their institution.

## Reach the Newsletter Staff at World Class CAD

To contact World Class CAD to submit articles or comments, write to:

**World Class CAD**
**P. O. Box 1552**
**Columbus, Ohio 43201**
**Attn: Newsletter Staff**

Or email your comments to:

**newsletter@worldclasscad.com**