



World Class CAD Home Page

## New Students Start Training at World Class CAD Everyday

Everyday, people contact us at the World Class CAD organization to begin a process to become another of this planet's top ranked designers. They usually express a desire to have computer skills where they can effectively show their talent and innovation. After shopping at other CAD training facilities, they discover that the chapters on the worldclasscad.com website are part of a well-tested program that trains highly proficient computer aided technicians.

So where do we begin? For individuals wanting to join an architectural or engineering company, where the majority (over 90%) of these institutions still uses 2D CAD software, the knowledge of effectively creating drawings with programs like AutoCAD is necessary. In many cases, professionals across the United States, report that their business is still using AutoCAD 2002, so practicality urges us to start where most experts begin. Moreover, we do not worry, because throughout our schooling, we will learn how to use more sophisticated 3D and 4D tools.

So we launch into the online textbook, *Fundamentals of 2D Drawing*, where there are a series of practical exercises to perform.

These problems bring a new computer user through the compulsory training needed to go to work as a CAD drafter. "Since 1996, we have been preparing individuals to get to job after completing the Rectangle, Circular and Bracket problems," Says Mark Bughman, co-founder of our organization.

"We did not want to depend on luck, so Charles Robbins and I put together a training system that has an outstanding success rate. A student can get a paid position doing drawings after 40-hours of training.

## AutoCAD 2007 Available for Students and Faculty at JourneyEd.com

Are you a new student or a professional that wants to learn how to use the new AutoCAD 2007 software? JourneyEd.com has the new software available for purchase, so that teachers and individuals in a training program can practice the [worldclasscad.com](http://worldclasscad.com) chapters.



Advertisement for the Student CAD Software

JourneyEd.com specializes in reduced cost software packages in AutoCAD 2007 that have a one-year license and also a package without an expiration date. Which product you decide to purchase is based upon your financial situation, but we usually recommend to beginners to

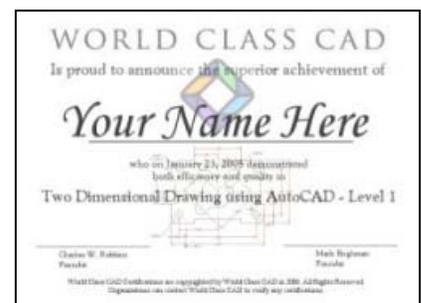
acquire the less expensive disk, and to acquire better software as their skills improve.

You must prove that you are enrolled in an education course to get the software at the student pricing, so first, click on the **Register Here for Your World Class CAD Account** link that opens the Class Registration Form. Fill out the form and then request a letter, which will show your enrollment. Email us at [crobbins@worldclasscad.com](mailto:crobbins@worldclasscad.com)

When you receive the letter in an attached email, you will be able forward the document to JourneyEd to buy AutoCAD 2007, which has newer tools to create solids and surfaces easily.

## World Class CAD Announces Procedures and Prices for Certification

When you are enrolled in a 10-week 2D computer aided design class on the World Class CAD website; we do monitor your progress to assist you in any CAD challenges, although this is self-paced training. You will be using the free online texts on the website. After completing the major exercises, you will have done over 40 hours of instruction.



An Example of a World Class CAD Certificate

When you have questions, you can contact World Class CAD by phone or email. Some students request a printed textbook or video

training material to assist them in their training. You may order a textbook at your expense or pay \$299.50 for the DVD or VHS set. We will tell you that out of 400 students in training, 99% of them just use the online text.

At the end of the class, and meeting all of the course requirements, you can receive certificates for Level 1, 2 and 3 achievements in areas like 2D AutoCAD. After passing an exam, besides receiving your official documentation, your achievement can be posted on the certification webpage and your professional biography can be linked to your name. This announcement on the [www.worldclasscad.com](http://www.worldclasscad.com) website is free.

Certification prices are:

**\$60 for High School students**

**\$90 for those enrolled in college**

**\$240 for all others**

Anyone who schedules multiple certifications in 2006 can contact us and get a reduced rate. Again, there is not any requirement for official recognition.

If you have any questions, you can contact us by email at [certification@worldclasscad.com](mailto:certification@worldclasscad.com).

### **Student Intern, Toby Coleman from Technology Education College in Ohio Adds to Website**

World Class CAD allows college interns to work on selected pages while they complete their Senior Capstone Projects periodically. Presently, Technology Education College's sophomore student Toby Coleman of Columbus, Ohio is working on the Career Placement pages on the website.

"Toby is a dedicated, hard working student who manages to overcome any challenge," says Donna Schaffer, faculty member at the college. "He is the best at writing code in the Web Design II class."

In this course, the student must

create 10 web pages for a company or organization. Businesses and professionals are sought to assist students to meet their webpage requirements.

World Class CAD will continue to help College and High School students to achieve their goal, a diploma or degree.

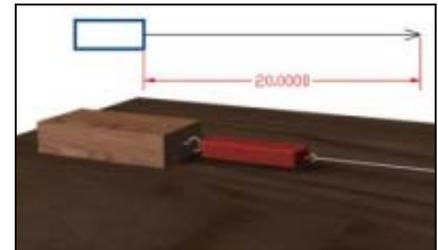
### **Want to be a World Class CAD Mechanical Designer**

When considering a career in mechanical design, we would first want to ask ourselves "What does a mechanical designer do", then "Where to mechanical designers work" and "When do they learn all the material required for their profession." We know you could ask thousands of questions when considering a career, but the most important should be whether we believe that we will enjoy a career building parts, subassemblies, assemblies and finished products. In our profession, we also work with many other individuals specializing in machining, welding, manufacturing, construction, shipping, receiving, marketing, accounting, sales and any other area of expertise that will assist us in creating a product, which is successful in the market. Whether we are entering into the field at the high school, college level or at the end of a military enlistment, a mechanical designer needs many years of training by more experienced engineers and senior designers to become excellent at what they do. If we ask ourselves why we have chosen the mechanical design calling, we might already have found the answer by reading about famous designers of the past such as Da Vinci, Thomas Edison or Kelly Johnson, or by taking a tour at a local business where the passionate design engineer shows off their products.

A mechanical designer creates great parts and that is the basic result of the design process. Our goal is to always produce sketches and drawings that produce finished pieces that are manufactured economically, pass rigorous factory

and field-testing, and meet the needs of our customer. We typically place these individual components in larger assemblies, so our designs must be able to function in an environment with other entities. The whole design is the culmination of the mechanical engineer's solution to a set of problems which the customer or client presents to us. At the other end of the spectrum, when we study about how a product fails in the field, seldom is the malfunction in many areas, but we locate the critical point in a single area, and typically in one part. Having the understanding of materials, manufacturing processes, and the method in which the customer will use the finished part will allow us to be successful.

### **World Class CAD building Applied Mechanics Text using CAD**



Applied Mechanical Physics in CAD

A new online textbook is being built under the **Mechanical Design** link on the World Class CAD web site. The exercises involve building 2D and 3D models in our software package and using the measuring or analytic tools to determine physical measurement.

### **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](mailto:newsletter@worldclasscad.com)