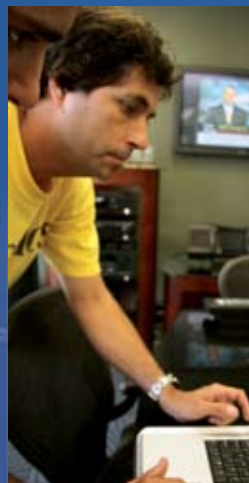


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Master  
the Latest Tips,  
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# Maximize AutoCAD Productivity

AutoCAD® Expert Reveals Secrets



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# Day 1

## Maximizing AutoCAD

AutoCAD® 2008, 2007, 2006, 2005, and AutoCAD LT®

### What You Will Learn

This one day workshop was created to help design professionals use AutoCAD® and AutoCAD LT® more efficiently so that you can concentrate on the art of design instead of wasting valuable time on repetitive tasks.

### Master Set Up & Organizational Skills

Learn quick and efficient ways to set up office standards and conventions so that everyone in the office is on the same page.

- Introduction to sheet sets, the power tool for one-stop sheet organization and management.
- Eliminate repetition by editing your own settings once, and only once.
- Copy your blocks and settings directly from a drawing into the AutoCAD tool palettes.
- Take your settings with you wherever you go by creating your own toolbox and tool palettes.
- Stop hunting and pecking all day for blocks, dim styles, text styles, etc.-find them immediately every time, using tool palettes and design center.
- Set up dimension and text styles ONCE and use them anywhere at any time.
- Insert your standards into existing drawings including layers, text styles, layouts, etc.

### Streamline Production

Learn little known tips, tricks and settings that will simplify your life.

- Learn to utilize the best features added in the new versions of AutoCAD.
- Create blocks and annotation that adjust their size according to the drawing and viewport scale.
- Create and edit block libraries with attributes and link them to the dynamic tables and Excel spreadsheets.
- Save time using the enhanced integrated tables for quick creation of schedules and tables.
- Attach object information (such as the areas of several objects) to tables to automatically calculate totals.
- Set up and utilize layouts and page set ups correctly and efficiently every time. Don't miss this amazingly simple, eye-opening demonstration of layouts! You will understand layouts and save time by using this simple but powerful tool.
- Take control of the new plotting and output features, standardize and automate output of multiple drawings...any design, any scale, any sheet size...anytime...fast and accurately.
- Use xrefs, overlays and DWFs to speed production and reduce mistakes.
- Utilize high-end xref and layout features and tips to organize and expedite large projects.
- Use hidden commands, options and tools that you may have never known existed.

### Discover New Output & Security Options

This section covers the new tools available to add multiple layers of security to your documents and output.

Also, give your clients the flexibility to view and print your documents from any computer.

- Create and organize drawings -DWF and PDF- that can be viewed without AutoCAD.
- Output full ordered sheet sets to your plotter or to digital format in just a few clicks.
- Create high-resolution JPEG, TIFF, DWF and PDF files directly from AutoCAD® for Free!
- Add security to your drawing files by adding passwords and digitally signing them.

### Lose Your Fear of Customization

This section demonstrates several customization features which will help you to standardize and organize your version of AutoCAD for a more efficient and consistent product. Also make AutoCAD work more efficiently by creating an environment in which you are comfortable. Learn to create personal toolbars and hot keys as well as an overview of how to load and use AutoLISP® routines. Learn to lose your fear of customization and open up a whole new world of timesaving techniques.

- Shortcut your commands into one or two keystrokes.
- Make the function keys (F1) and the [Ctrl] keys work for you.
- Edit and create toolbars and flyouts to reduce repetitive tasks by grouping multiple commands under one button.
- Add commands to AutoCAD by using AutoLISP.

### Become a Master Troubleshooter

Everyone has dealt with a drawing that appears to be haunted (or downright cursed in some cases). This section will help you tame the beast, and more importantly, ward off such drawings in the future.

- Detect, correct, and avoid problem drawings.
- Clean up, repair, and archive files for safekeeping.
- Find free AutoCAD help when all you're getting from the office guru is a blank stare.

# Day 2

## Advanced AutoCAD Techniques

AutoCAD® 2008, 2007, 2006, and 2005 users: Full Versions

### What You Will Learn

The first segment demonstrates several high-end, highly productive features which will help you to standardize and organize your version of AutoCAD® for a more efficient and consistent product. The second will demonstrate the 3D capabilities of AutoCAD®. You will be surprised by the ease as well as the array of modeling and rendering options you have had all along.

### Mastering Project Organization through Sheet Sets

Organize and manage all your drawings and sheets (layouts) for a project through a single dialog box inside AutoCAD®.

- Organize existing drawings and layouts quickly and efficiently.
- Add sheets by using drag and drop tools.
- Learn to utilize fields. Update one sheet or a whole set by editing information in just one place.
- Create dynamic reference tags and sheet legends that update throughout the project if a page gets renumbered.
- Print, publish, package or archive the complete set with just a few clicks.

### Using the Power in Dynamic Blocks and Libraries

We'll cover in depth the tools & features available to create powerful dynamic blocks, block libraries, and tool palettes.

- Create dynamic blocks that can be edited on the fly with just a right click to change the size, graphics and number of the blocks. Learn to create blocks that contain parametric features.
- Condense multiple separate blocks into ONE dynamic block with an optional dropdown for size or style.
- Create blocks with restrictions for quality control. For example, cabinets that stretch in 3-inch increments.
- Enhance organization and quality control of your block libraries by utilizing dynamic blocks using tool palettes.

### Customize Linetypes & Add Custom Hatches

Learn to add custom hatches and create just the right linetypes (that even includes text formation) just once, make it available to everyone, and avoid the pitfalls associated with custom linetypes.

### 3D Modeling & Rendering

This section will demonstrate the 3D capabilities of AutoCAD. You will learn how to utilize your knowledge of 2D to springboard you into creating complex, rendered, 3D objects easily and efficiently, simply by adding a few new commands to the ones you currently use. Many of the recent enhancements in AutoCAD are related to 3D. Throughout the training we will cover the new features and changes and how they can speed 3D productivity. For example, you will learn to use grips to edit 3D objects.

### Getting Around in 3D

Learn to work in 3D as easily as you work in 2D.

- Understand and work with the UCS (User Coordinate System).
- Dynamically view your model, use viewports, and set up and save views.
- Apply the latest tricks to easily move around and work in the 3D world.

### Creating 3D Solids

Avoid the pitfalls of thinking 2D in a 3D world.

- Create 2D objects (profiles) and use them to define 3D solids.
- Create a complex 3D solid from a 2D drawing in 3 commands.
- Understand how the creation sequence effects results.
- Keep complicated assemblies simple by implementing tricks you already know.

### Editing 3D Solids

- Maximize the 3D editing tools in AutoCAD.
- Utilize familiar 2D commands to clean up and edit 3D objects.
- Use the many different solid-editing commands to easily manipulate your 3D model.

### Rev Up Your Rendering

- Add materials, lights, cameras, perspectives, and backgrounds to your model for extra vitality.
- Utilize the latest 3D rendering, visualization tools, and materials added in 2007.

### Get Moving with Animations and Walk-throughs in AutoCAD

- Add a new level of interest to your presentations by creating movies of your models.
- Create interactive 3D DWF files that clients can view, rotate, and print without AutoCAD.

### Outputting 3D Solids to 2D Construction Documents

- Annotate and dimension 3D Solids.
- Use layouts and paper space to show plan, section, and elevation views.
- Add your rendered views back into your construction documents.

# Seminar Info, Schedule & Registration

### Take Home All These Extras

1. A Comprehensive Handbook  
200 page book each day containing all examples and information covered in the course, so there is no need to take notes. Detailed, step by step instructions for real life design.
2. Interactive Training CD-ROMs  
Containing two hours of supplemental instructional video tutorials per seminar.
3. One FREE Year of Phone and Email Support  
Tech support covers all materials and lessons taught in the course.
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  - DWGs, Block and Symbol Libraries, etc.
  - Pre-set scaled Text and Dimension styles, etc.
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5. One-year Subscription to “Killer Tips and Tricks”  
Newsletter from CADuniversity
6. A Certificate of Completion  
This serves as your permanent record of attendance and can be used to obtain Continuing Education units from your professional organization.



### PHILADELPHIA

Maximizing AutoCAD – Monday, September 24, 2007  
Advanced AutoCAD – Tuesday, September 25, 2007  
Sheraton Suites Hotel  
4101 Island Avenue, Philadelphia, PA 19153

### ATLANTA, GA

Maximizing AutoCAD – Thursday, September 27, 2007  
Advanced AutoCAD – Friday, September 28, 2007  
Doubletree Hotel Buckhead  
3342 Peachtree Road NE, Atlanta, GA 30326

### HARTFORD, CT

Maximizing AutoCAD – Thursday, October 4, 2007  
Advanced AutoCAD – Friday, October 5, 2007  
Doubletree Hotel - Bradley Airport  
16 Ella T Grasso Turnpike, Windsor Locks, CT 06096

### GRAND RAPIDS, MI

Maximizing AutoCAD® – Wednesday, October 10, 2007  
Advanced AutoCAD® – Thursday, October 11, 2007  
Hilton Grand Rapids Airport  
4747 28th Street SE, Grand Rapids, MI 49512

### COLUMBUS, OH

Maximizing AutoCAD – Monday, October 22, 2007  
Advanced AutoCAD – Tuesday, October 23  
Hilton Hotel at Easton Town Center  
3900 Chagrin Drive, Columbus, OH 43219

### CINCINNATI, OH

Maximizing AutoCAD – Thursday, October 25, 2007  
Advanced AutoCAD – Friday, October 26, 2007  
Crowne Plaza Hotel - Blue Ash  
5901 Pfeiffer Road, Cincinnati, OH 45242

### ROCHESTER, NY

Maximizing AutoCAD – Monday, October 29, 2007  
Advanced AutoCAD – Tuesday, October 30, 2007  
Marriott Hotel - Rochester Airport  
1890 Ridge Road West, Rochester, NY 14615

### ALBUQUERQUE, NM

Maximizing AutoCAD – Monday, November 5, 2007  
Advanced AutoCAD – Tuesday, November 6, 2007  
Wyndham Hotel  
2910 Yale Blvd SE, Albuquerque, NM 87106

### SACRAMENTO, CA

Maximizing AutoCAD – November 2007 TBA  
Advanced AutoCAD – November 2007 TBA  
Hotel TBA  
Location TBA

### DENVER, CO

Maximizing AutoCAD – Monday, November 12, 2007  
Advanced AutoCAD – Tuesday, November 13, 2007  
Holiday Inn Denver International Airport  
15500 East 40th Ave, Denver, CO 80239

### SAN DIEGO, CA

Maximizing AutoCAD – November 2007 TBA  
Advanced AutoCAD – November 2007 TBA  
Hotel TBA  
Location TBA

### HOUSTON, TX

Maximizing AutoCAD – Thursday, November 29, 2007  
Advanced AutoCAD – Friday, November 30, 2007  
Sheraton Hotel - Brookhollow  
3000 North Loop West Frwy, Houston, TX 77092

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QUICK, EASY & SECURE ONLINE REGISTRATION at [www.autocadtraining.com](http://www.autocadtraining.com)  
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One-day seminar: \$329 with 7 day advance registration.

Two-day seminar: \$598 with 7 day advance registration.

Sign In 8:00 a.m. - 8:30 a.m. Seminar 8:30 a.m - 4:30 p.m. Lunch Break 12:00 p.m. - 1:00 p.m. Pastries, coffee, and soft drinks provided. Lunch is not included. The seminar is presented in a lecture/demonstration format.

TAX DEDUCTION - treasury regulation 1.162-5 Coughlin vs. Commissioner 23 F2d.307 states that certain education-related expenses, including registration fees, travel, meals, and lodging, are tax deductible if incurred to maintain or improve professional skills.

CANCELLATION - your registration fee less a \$25 service charge will be refunded if cancellation is made more than 7 days in advance. If cancellation is within a week of seminar, you may send a substitute or transfer your registration to another seminar of your choice. Walk-ins are welcome on a space/availability basis only.