MADE180

AutoCAD:

Essentials

AUTODESK

AutoCAD

This AutoCAD training course is designed specifically for those using AutoCAD or AutoCAD LT with a Windows operating system.

The objective of this AutoCAD training course is to enable you to create, modify, and work with a 2D drawing in the AutoCAD software. Even at this fundamental level, the AutoCAD software is one of the most sophisticated computer applications that you are likely to encounter. Therefore, learning to use it can be challenging.

The AutoCAD Essentials training course covers the essential core topics for working with the AutoCAD software. The guide begins with learning the basic tools for creating and editing 2D drawings. It then continues to explore the tools used to annotate drawings by adding text, hatching, dimensions, and tables. More advanced tools, such as working with blocks and setting up layouts, are introduced to improve your efficiency with the software. Not every command or option is covered, because the intent is to show the essential tools and concepts, such as:

- Understanding the AutoCAD workspace and user interface

- Using basic drawing, editing, and viewing tools

- Organizing drawing objects on layers

- Using reusable symbols (blocks)

- Preparing a layout to be plotted

- Adding text, hatching, and dimensions

The AutoCAD Essentials course is Part 1 of the AutoCAD Fundamentals course.

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What can you do with an Autodesk Certification?

Autodesk Inventor software jobs are often tied to your industry and the kind of certification that you've earned, so the possibilities are wide-ranging. Many positions focus on drafting, engineering, or design. You could find yourself creating a machine piece parts, building and tweaking a new consumer product, or even modeling up a design for a fighter jet.

There are two levels of certification: Autodesk Certified User (ACU) and Autodesk Certified Professional (ACP). While obtaining the ACU credential can provide you with the basic skills necessary to qualify you for work in designing and drafting across many industries, earning an ACP certification establishes you as an advanced professional.

Autodesk's ACP programs ensure that users have the advanced skills necessary to perform many industry-specific jobs. Alongside AutoCAD certification, other credentials can add even more to a worker's skill set. For instance, Revit Architecture certification can teach a worker how to incorporate Revit while working in concert with architects to draw 3D objects. Civil engineers might find that they could use a grounding in Civil 3D as well as AutoCAD software. And some jobs in fields requiring CAD software might also call for certification in Inventor. With one or more ACP certifications, a worker can really stand out on the job market!

How Much Do Design and Drafting Jobs Pay?

The U.S. Bureau of Labor Statistics reports that drafters earn a median wage of $55,550, and it's not uncommon for a drafter to be paid as much as $85,140 a year. There can be some variability in pay depending on the industry and the level of experience; veteran electronics and electrical drafters, mechanical drafters, and architectural and civil drafters are typically paid the most, while entry-level AutoCAD jobs tend to come with lower starting pay.

Some industries and companies put a premium on employees who are familiar with Autodesk Products, so much so that pay increases may come when an employee earns an Autodesk certification. Jobs that require mastery of Autodesk Products can be lucrative, and with a little help from MADE180 Training, they can also be well within your reach. We've developed a number of convenient classes that can help teach you what you need to know about the software, from basic knowledge to advanced operations. Sign up for one of our courses today to take advantage of hands-on learning with an expert instructor!

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