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Cool Summer Offer

What's New in AUTOCAD CIVIL 3D 2018



AutoCAD Civil 3D is a documentation and design solution that supports BIM workflows. It also helps engineers, drafters, and technicians to understand project performance better. Users can also streamline time-consuming tasks such as pressure pipes, parcel layout, gravity, and corridor design with some tools and customization design standards. Following are the latest features and benefits:

Plan and profile sheet generation

It is now possible to create plan and profile sheet by including more than one plan/profile views on one sheet. Take help of AutoCAD Civil 3D production tools for producing construction documents through drawings. Therefore, you can easily create profile/plan, plan(s), and sections sheets.

Relative Elevation Feature Lines

One can easily obtain feature lines elevations from surface and so, when the surface is updated, the features line is updated. Thus, the update behavior of a feature line varies depending on whether the feature line was set to be relative or just set to be created for absolute elevations.

Connected alignments

There is a new linked alignment and profile connecting two intersecting alignments and profiles. The connected alignment feature can be used to create new alignment and profiles that transition between their profiles. The feature is efficient to create an exit ramp, a merging or diverging road, a curb return, or

perhaps for connect existing road to proposed road.

Corridor Overlap Resolutions

In consideration to corridor cleanup issues that are not cleaned up automatically, the new feature is introduced to resolve corridor bowties. Elaborately, at some of the locations on corridor models, the links can now cross each other that result into bowtie-like configurations.

Traverse Editor

Now, you can use the Traverses collection for management of existing traverses within the network. Creation of Traverses from data in a field book file or by using the Traverses Editor for manually entering survey data. For example, you can create data or hand notes from the site plan.

Label Property Set Data

Use Property Set tab within the standard label setup process for adding custom properties to label styles. So, you can now add custom data to AutoCAD Civil 3D 2018 object labels with the use of property sets.

Pipe sizing and analysis

The changes are introduced in the area of resizing of pipes and resetting inverts. In addition, new feature includes computing of energy and hydraulic grade lines in accordance to HEC-22 2009 standards.

Dynamic offset profiles

Software now enables creation of dynamic offset profiles by using cross slope. It is also possible to create dynamic offset profiles by using the same command such as for offset alignments. Profile geometry offset using a default cross slope, can be modified by editing properties of profiles.

SURE, IT'S A COOL DEAL

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MASTER DIPLOMA COURSES with Internship & Stipend

30% OFF On select courses

Here's a really cool deal from CADD Centre! All those who enrol for a Master Diploma course now, can enjoy an assured internship with stipend. Plus there is a cool 30% off on the course fee of other courses.



Scan and Enroll Now!

Engineering Graduate looking for a



Here are most promising CAD Courses.

Choosing a career in any stream of education is a top-notch decision or can be categorized as a brainstorming session. In order to make a right decision for life, it is essential to study diverse industry aspects and related scope of development. Many students get confused about their career after completing their education and especially, after completion of engineering.

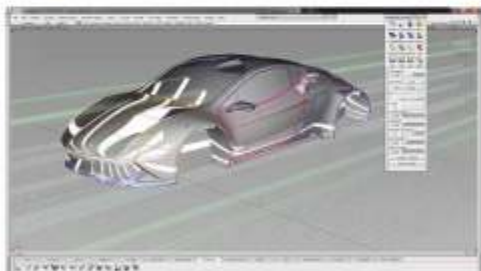
It is entirely the choice of an individual to select a field as per the interest and ability. Though jobs are available for engineers in various sectors but pursuing a CAD course opens the gateway for better job opportunities. Many engineering professionals and firms are using CAD software on a large scale, therefore, making it essential to learn them.

Have a look at the most promising CAD software modules and their scope outlined below!

Mechanical CAD Software Courses

CAD skills help engineers to find employment and increase productivity if they master in the software products. Some of them are:

- ❖ AutoCAD
- ❖ Siemens NX
- ❖ Creo
- ❖ CATIA
- ❖ Inventor

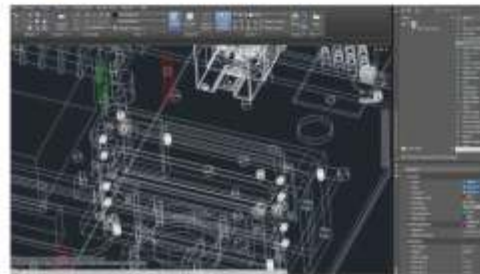


Electrical CAD Software Courses

For an engineer, CAD software can save time and reduce errors while enhancing design

communication. Sharpen your skills with the listed CAD software:

- ❖ AutoCAD
- ❖ PTC Creo
- ❖ ZW3D
- ❖ Rhino
- ❖ CATIA



Architectural Design CAD Software Courses

CAD software will enable architects to draw an intelligent 3D model that helps to efficiently plan, design, construct and manage infrastructure. Listed below are a few CAD software tools for architects and engineers:

- ❖ AutoCAD
- ❖ 3Ds Max
- ❖ Microsoft Project



Building Design CAD Software Courses

CAD tools are significant in making home design, interior making, and kitchen and bath

design. With CAD, it becomes easy to identify design flaws and point out serious build problems.

- ❖ AutoCAD
- ❖ ArchiCAD
- ❖ Civil 3D
- ❖ Revit
- ❖ 3Ds Max



Structural Design CAD Software Courses

CAD helps designers to easily outline designs, gather data, draw systematic sketches, helps in performing documentation and project report generation. Students can appear for these courses as listed below:

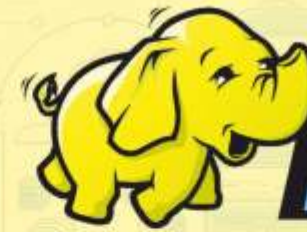
- ❖ AutoCAD
- ❖ ETABS
- ❖ AutoCAD Structural Detailing
- ❖ STAAD.Pro
- ❖ SAP2000 v18

Land Survey and Transportation Design CAD Software Courses

CAD helps surveyors to enhance the design process for visualization and provide stakeholders to undergo better understanding of a site. For land surveyors and road designers, following are suitable CAD courses:

- ❖ MX Road
- ❖ AutoCAD Civil 3D

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hadoop

is NOT "Big Data" is NOT "Analytics"

In consideration to fact that the popularity of word 'Hadoop', 'Big Data', and 'Analytics' is relevantly high and therefore, for those who are interested in working in the field of Analytics, should understand that the three words have completely different meaning. Therefore, it is no justice to use them interchangeably.

What Differentiates Hadoop from Big Data?

Hadoop is a software framework used for storing and processing of Big Data. The open source tool is built on Java platform and focuses on performance improvisation on the formation of clusters of commodity hardware. While considering the Big Data and Hadoop going parallel to each other, it is important to understand that both have distinct job

descriptions. Therefore, Big Data just acts like a fuel that Hadoop work on to convert into a form that is easy for analysis. In addition, a person who is able to write down the code and the related frameworks cannot necessarily understand the related patterns and work on actionable insights. This work area should be assigned to a data scientist. The two terms have completely different job descriptions.

What Makes "Big Data" Efficient?



Big is a term that is described using the four Vs such as Velocity of data, Volume of data, Variety of data and Veracity of data. The term is can be explained through the following example, HR data fetches low volume, and velocity of data as the data requires low computing power. Thus, even the low power for calculating and processing HR data seems like big data for the practitioners. It implies that big data is efficient and has outlived its usefulness.

Although, the terms have complete different functionalities yet 'Big data' and 'Hadoop' creates opportunities like never before. It is anticipated that "smart data" should replace "big data" for most of the analytical applications!

GLASS - The Next Big Thing in Architectural Designs

Glass elements in architectural designs are adding a touch to both emotional and environmental thing. It is seen as the most contemporary and stylish architectural facade. Not only the style is amazing but also gaining popularity due to the free flowing nature, prints, and colors that fit well into the architectural regulations. Below are outlined some biggest trends we expect to see in the near future:

Digital Printing Onto Glass

The recent trend for glass has arrived in printing and technology and is viewed in the face of digital print onto glass windows and partitions. This technology is dominantly seen at public spaces; recreate historic scenes that define the atmosphere of the place. Earlier it was restricted due to image size and quality

but is now simple as taking a picture with a smartphone and resizing it.



Smoked Glass

Smoked Glass was popular design in the sixties and seventies for adding the element of drama and mystery to architectural designs. Due to its dark texture, it can be used across tables, bath enclosure, kitchen cabinets and more.

Sliding Glass Walls

The feature of sliding glass walls is becoming famous in modern homes and offices. It benefits the area for experiencing natural light and fully open up the door when weather conditions are favorable.

Stained Glass

Stained Glass is one of the oldest art forms in existence. Prominently used in mosques, temples, and churches and its use were considered old fashioned by the designers at one time. Now, the designers and architects have started showing interest towards stained glass and are treated across windows, wall hanging, glass lanterns, etc.