Road Civil 3D Technical Office and design

Course details

Description:

The application is made to a project during the course.

After the course ends, another project will be submitted and evaluated by the course participants.

Course structure:

Course name : Technical office design.

20 hours

8 lectures

Resourcing, text books and reading material:

We recommend the following resources:

- Autodesk Mastering AutoCAD Civil 3D.
- Autodesk AutoCAD Civil 3D Essentials

Web resources:

- https://www.autodesk.com/products/ CIV3D /overview
- http://seek.autodesk.com/
- https://help.autodesk.com/view/CIV3D/2023/ENU/

Prerequisites:

- Basic knowledge and skills about using computers.
- Engineering background is recommended.

Certificates:

- Certificate from CAD MASTERS
- Certificate from Autodesk

Grading:

Attendance	40%
Assignments	60%

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Cairo: 2 Hassan Afify St., Makram Ebeid, Nasr City.
Alex: Mostafa kamel st., Smoha
Kuwait: Mubarak Al kabier., Sabah Al Salem.

www.cadmasters.org

To pass the course and receive both Autodesk certificate & CAD MASTERS certificate you should:
- Attend at least 80% of course hours
- Score more than 70% as a total score

Course Outline:

This course including the following:

Survey data

- Surfaces

- Rural road design (geometric –structure)

- Urban road design

- High way design

- Intersection design

- Interchange design
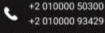
- Roundabout design

Road shop drawing

- How to convert cad to civil 3d

- Grading

- Setting out

- Qc

- Point sheets

Road manual design

- Sight distance

- Hz alignment

- Super elevation

- Vl alignment

- Structure design

AUTODESK

knowledge

makes a difference

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