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Three Day Online Autodesk Civil 3D Essentials

Prospectus

This course is based on my standard Civil 3D Essentials course. It is not an intensive 'cover everything' course, instead it ensures you have the essential skills to be comfortable with working in Civil 3D. It is assumed that you have a good working knowledge of standard AutoCAD. The course runs over 3 consecutive days. Delegates are expected to be online between 9:30am and 4:30pm with a 45-minute lunch break and regular comfort breaks.

Either Civil 3D 2018, 2019, 2020 or 2021 will need to be installed, and running, on your computer. The UKIE Country Kit is also a requirement.

A wired, reliable, internet connection is recommended. Dual screens are also a recommendation.

Registered delegates will be contacted before the course and will be invited to a half hour 'pre-course' setup session to ensure everything is in place before the day. (this setup session is typically organised during the week prior to the course).

<u>Day 1</u>	<u>Day 2</u>	<u>Day 3</u>
<u>Introduction and Welcome</u> <u>The Civil 3D Environment</u> ^{TC001*} Essential best practices for beginning to work in Civil 3D. <u>Introduction to Surfaces</u> ^{TC002*} How to make ground models from scratch using Civil 3D specific workflows. <u>Working with Civil Drawings</u> ^{TC003*} How to make a surface from a surveyors' topo drawings.	<u>Feature Lines and Grading</u> ^{TC004*} How to create a grading line to make a ground pad and examine cut\fill volumes. <u>Alignments and Profiles</u> ^{TC006*} A module designed to introduce delegates to creating long sections and making new design profiles. <u>Corridor Modelling</u> ^{TC007*} Introduction to road design. Taking you through the basic steps to construct a road model.	<u>Corridor Skill Review</u> Hands on exercise expanding on the skills delivered during Day 2. <u>Pipe Networks: Sewers for Adoption V7</u> ^{TC010*} Focusing on the delivery of a pipe network that meets the standards set out in the SFAv7 manual. <u>Basic Junction Design</u> ^{TC011*} Quick and easy junctions. <u>Round-Up and Summary</u>

*see the downloadable list of Toponetics modules for full details