

I AUTODESK

AutoCAD Civil 3D Fundamentals - Virtual Course

This is an "online" version of the AutoCAD Civil 3D Fundamentals training course, delivered remotely over a number of individual half-day sessions. The course will provide a thorough introduction to AutoCAD Civil 3D. The course features concise, straightforward explanations and real-world, hands-on exercises and tutorials that provide instruction on the core features and functions of Civil 3D.

"This training course was as a webinar during Covid-19 lock down, which seemed to work well not needing to break from work for too long," Stewart

Prerequisites

As this course is delivered via a web-link, those attending will need to have access to a workstation, connected to the internet, and with AutoCAD Civil 3D installed. A twin screen setup and a headset with microphone is also highly recommended. Experience with AutoCAD or AutoCAD-based products and a sound understanding and knowledge of civil engineering terminology.

Objectives

SESSION ONE

09:30 Session 1.1

- Product Overview (presentation)
- Templates, Settings, and Styles (guided hands-on)

10:15 – 10:25

- Break

10:25 Session 1.2

- Surface Process (guided hands-on)
- Adding Surface breaklines (guided hands-on)

11:10 – 11:20

- Break

11:20 Session 1.3

- Surface Boundaries (guided hands-on)
- Surface Editing (guided hands-on)

12:05 – 12:15

- Break

12:15 Session 1.4

- Surface Editing (continuation)
- Using Data Shortcuts for Project Management (guided hands-on)

13:00

- End of Session 1

SESSION TWO

09:30 Session 2.1

- Surface Labels (guided hands-on)
- Surface Analysis Tools (guided hands-on)

10:15 – 10:25

- Break

10:25 Session 2.2

- Alignments (guided hands-on)

11:10 – 11:20

- Break

11:20 Session 2.3

- Profiles (guided hands-on)

12:05 – 12:15

- Break

12:15 Session 2.4

- Assemblies (guided hands-on)

13:00

- End of Session 2

SESSION THREE

09:30 Session 3.1

- Creating Cross and T Junctions (guided hands-on)
- Creating a Corridor (guided hands-on)

10:15 – 10:25

- Break

10:25 Session 3.2

- Creating a Corridor (continuation)

11:10 – 11:20

- Break

11:20 Session 3.3

- Understanding Corridor Targets (guided hands-on)

12:05 – 12:15

- Break

12:15 Session 3.4

- Sections (guided hands-on)

13:00

- End of Session 3

SESSION FOUR

09:30 Session 4.1

- Grading Overview (presentation)
- Modelling a Balancing Pond using Grading Tools (guided hands-on)

10:15 – 10:25

- Break

10:25 Session 4.2

- Modelling a Balancing Pond using Grading Tools (continuation)
- Modelling a Car Park using Grading Tools (guided hands-on)

11:10 – 11:20

- Break

11:20 Session 4.3

- Modelling a Car Park using Grading Tools (continuation)

12:05 – 12:15

- Break

12:15 Session 4.4

- Modelling a Building Pad using Grading Tools (how to, followed by exercise)
- Grading Volume Tools (guided hands-on)

13:00

- End of Session 4

SESSION FIVE

09:30 Session 5.1

- Cut and Fill Volumes (guided hands-on)

10:15 – 10:25

- Break

10:25 Session 5.2

- Pipe Networks (guided hands-on)

11:10 – 11:20

- Break

11:20 Session 5.3

- Pipe Networks (continuation)

12:05 – 12:15

- Break

12:15 Session 5.4

- Drawing Production Tools (guided hands-on)

13:00

- End of Session 5

DURATION

5 Sessions

COURSE CODE

C3D-FUN-OL

COURSE COST

£885.00

Applies per person on an on-line scheduled course (excludes VAT)

Get in touch

Please contact us on [01992 807 444](tel:01992807444) or [via email](#) where you can speak to one of our training specialists who can answer any questions you may have and/or make a reservation.