



# AutoCAD® Civil 3D® 2018 ESSENTIALS



## DESCRIPTION

Covers AutoCAD® Civil 3D® fundamentals, so you become quickly productive with the software



## TRAINING COURSEWARE

**ASCENT Center for Technical Knowledge – AutoCAD® Civil 3D® Fundamentals**



## PRE-REQUISITES

This course is designed for new users of AutoCAD® Civil 3D®. It is recommended that you have:

- Knowledge of civil engineering principles and processes.
- A working knowledge of AutoCAD®
- A working knowledge of Microsoft® Windows®



## OBJECTIVES

1. Navigating the AutoCAD® Civil 3D® User Interface
2. Leveraging a Dynamic Environment
3. Establishing Existing Conditions Using Survey Data
4. Modelling the Existing Terrain Using Surfaces
5. Designing in 2D Using Alignments
6. Displaying and Annotating Alignments
7. Designing Vertically Using Profiles
8. Displaying and Annotating Profiles
9. Designing in 3D Using Corridors
10. Creating Cross Sections of the Design
11. Displaying and Annotating Sections
12. Designing and Analysing Boundaries Using Parcels
13. Displaying and Annotating Parcels
14. Designing Gravity Pipe Networks
15. Designing Pressure Pipe Networks
16. Displaying and Annotating Pipe Networks
17. Designing New Terrain
18. Analysing, Displaying, and Annotating Surfaces
19. From Design to Construction