

[PDF Download] AutoCAD Civil 3D 2018 Fundamentals - Imperial: Autodesk Authorized Publisher Online eBook

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Author: *Ascent - Center for Technical Knowledge*

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The AutoCAD(R) Civil 3D(R) 2018: Fundamentals student guide is designed for Civil Engineers and Surveyors who want to take advantage of the AutoCAD(R) Civil 3D(R) software's interactive, dynamic design functionality. The AutoCAD Civil 3D software permits the rapid development of alternatives through its model-based design tools. You will learn techniques enabling you to organize project data, work with points, create and analyze surfaces, model road corridors, create parcel layouts, perform grading and volume calculation tasks, and layout pipe networks.

Topics Covered Learn the AutoCAD Civil 3D user interface. Create and edit parcels and print parcel reports. Create points and point groups and work with survey figures. Create, edit, view, and analyze surfaces. Create and edit alignments. Create data shortcuts. Create sites, profiles, and cross-sections.

Create assemblies, corridors, and intersections. Create grading solutions. Create gravity fed and pressure pipe networks. Perform quantity takeoff and volume calculations. Use plan production tools to create plan and profile sheets.

Prerequisites

Experience with AutoCAD(R) or AutoCAD-based products (such as Autodesk(R) Land Desktop) and a sound understanding and knowledge of civil engineering terminology.

Recommendations:

About Ascent - Center for Technical Knowledge

ASCENT develops and produces a wide range of courseware offerings, knowledge products, and courseware for the industry's leading engineering software tools from Autodesk, Dassault Systemes, and PTC. ASCENT's team is comprised of courseware developers, engineers, instructional designers, architects, and technical writers who work together to create training solutions that work for our clients. Our curriculum group specializes in the creation of blended education programs that incorporate the best of expert-led and technology-based training offerings to create the most effective course content and ensure that users achieve maximum productivity from their chosen engineering tools. We also work to meet our client's needs by offering different levels of customization for classroom-training curriculum.