



ASCENT UPDATES FOUR AUTODESK TRAINING GUIDES

AutoCAD Electrical, Inventor, Civil 3D and Revit Architecture courses updated for 2009

Mississauga, ON, July 8, 2008 – RAND Worldwide, a global leader in providing technology solutions to organizations with engineering design and information technology requirements, announced today that its courseware division, ASCENT – Center for Technical Knowledge®, released four updated training guides to its curriculum line-up for Autodesk® 2009 software:

- *AutoCAD Electrical 2009 Fundamentals*
- *Inventor 2009 Advanced Assembly Modeling*
- *Civil 3D 2009 Fundamentals*
- *Revit Architecture 2009 Fundamentals*

AutoCAD Electrical 2009 Fundamentals covers the core topics for working with AutoCAD® Electrical 2009. The training guide teaches users how to create schematic and panel drawings, and PLC/IO circuits using automated commands for symbol insertion, component tagging, wire numbering, and drawing modification. New topics added to the training guide include AutoCAD® Electrical 2009's enhanced Symbol Builder interface, which uses the AutoCAD Block Editor to streamline the creation of AutoCAD Electrical Symbols and the Circuit Builder, which allows users to dynamically create and customize circuits, such as motor control circuits.

The *Civil 3D 2009 Fundamentals* training guide is designed for Civil Engineers and Surveyors who are new to the Civil 3D® 2009 software environment. The guide introduces the application and teaches users the tools to create standardized civil engineering, drafting, and GIS projects. The training enables students to complete transportation, site, sewer, storm drain, and subdivision projects quickly, while using the tools to dynamically link and generate automatic design updates, which reduce costly errors. A new optional training module has been added, which teaches users how to share data between team members using data shortcuts or Vault. The course contains six other comprehensive modules focusing on the application interface; surfaces, alignments, profiles and production tools; assemblies, corridors and sections; pipes and grading; and parcels.

The *Inventor 2009 Advanced Assembly Modeling* guide is the third course in ASCENT's recently released *Inventor 2009 Introduction to Solid Modeling* and *Inventor 2009 Advanced Part Modeling* training guide series. This course concentrates on the Top-Down Design approach for assembly creation. The training guide covers the Inventor® tools available for Top-Down Design and other advanced assembly features aimed at increasing design efficiency, including positional and level of detail representations, iMates and iAssemblies, frame generator, design accelerator and file management techniques. The course also provides an Inventor® Studio overview and teaches users how to render and animate realistic images, as well as introduces users how to use the assembly bill of material functionality.

Revit Architecture 2009 Fundamentals teaches students how to create full 3D architectural project models and set them up in working drawings. The guide focuses on applying Building Information Management (BIM) in Revit® Architecture 2009 and the basic design development tools users require to work effectively within the software. These include creating basic floor plans, setting up levels and grids, making design changes, and using specialty objects such as stairs, railings, ramps, and curtain walls. The updated guide includes a new project model that reflects a real world 3D architectural model.

"ASCENT continues its commitment to enhancing and changing its courseware based on responses and suggestions from our clients," said Joe Oswald, Executive Vice-President, PLM Operations North America and Europe, RAND Worldwide. "Our *Revit Architecture 2009 Fundamentals* training guide is an ideal example of this commitment. We invested more than a year updating the training guide to reflect the real world terminology and projects our clients were seeking from us and the training they require to better utilize their Revit Architecture software."



ASCENT is an Authorized Author, Publisher and Developer of the Autodesk® curriculum. All of the company's Autodesk® courses are available to educational institutions, individuals, and corporations.

About ASCENT:

ASCENT- Center for Technical Knowledge is the leading developer of high-quality professional training, technical documentation, and knowledge products for engineering applications. ASCENT's products are used to train thousands of people in the engineering and manufacturing fields around the world each year and are developed by a multidisciplinary team of engineers, technical writers, courseware developers, and instructional designers. ASCENT is a division of RAND Worldwide. More information about the company can be found at www.ASCENTed.com.



About RAND Worldwide

RAND Worldwide is one of the world's leading providers of professional services and technology to the engineering community, targeting organizations in the building, infrastructure and manufacturing industries. RAND enables its customers to improve their competitiveness, productivity, and profitability by enhancing key aspects of their Product Lifecycle Management (PLM) capabilities, including planning, development, and management. As one of the leading technology independent systems integrators in the world, RAND Worldwide operates in 50 sales and client service centers globally. For more information please visit www.rand.com.

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