



CENTRAL PIEDMONT COMMUNITY COLLEGE

CORPORATE & CONTINUING EDUCATION

Course Number: CAD7110
Course Title: AutoCAD Architecture
Course Hours: 32

Last Revised On: 01/29/2008

Description:

AutoCAD Architecture is software designed specifically for use by architects and gives you the tools for architectural drawing and design. Users gain the benefits of automaton of tedious drafting tasks, better coordination with other design professionals, and the flexibility of working in the familiar AutoCAD environment. The user interface for AutoCAD architecture will be familiar to AutoCAD users with features and improvements designed specifically for architects. The interface helps the student increase productivity using process – focused tools that make the software easier to use.

Objectives:

- **Immediate Productivity:** with AutoCAD Architecture you can create faster, automate tedious tasks, improve coordination and manipulate data better.
- **Flexibility:** with software that is built on the AutoCAD platform, you can integrate more powerful features at your own pace.
- **Smooth Collaboration:** information exchange is easy using the industry-leading DWG file format and communication is enhanced with your customers.

Content:

1. Starting AutoCAD Architecture
 - Floor Plans
 - Curtain Walls
2. Specialty Objects
 - Structural Design
 - Reflected Ceiling Plans
 - Stairs and Railings
3. Floors and Roofs
 - Creating Floors Slabs
 - Creating Roofs
4. Project Management and Design Content
 - Introduction to Drawing Management
 - Fixtures , furniture, and Equipment
 - Creating Details



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5. Building Model Views
 - Details, Elevations, and Sections
 - Basic Visualization

6. Documentation
 - Annotation
 - Tags and Schedules

Prerequisites:

- Have knowledge of AutoCAD. Have structural engineering and / or design, drafting, or engineering experience.

Method of Instruction:

- Instructor led. Practice exercises.

Evaluation:

- No exam.