

registered AIA/CES provider

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## Autodesk 3ds Max Design Essentials For the Architectural Community

- Tuition: \$1095.00/per person
- Prerequisite: Working knowledge CAD of 3D concepts
- Available times: 3 days, 9:00am-5:00pm; 6 mornings, 9:00am-1:00pm; 6 late afternoons

**Objective:** This course introduces you to the essentials of Autodesk 3ds Max Design in the typical Architectural workflow

### Topics Include:

- Introduction to 3ds max, Computer Graphics, and, 3D animation
- User Interface
  - Working with Files and Objects
  - Modifying the view
  - Transforming Objects
- Importing CAD geometry,
  - DWG; 2D/3D
  - Revit workflow, FBX
- Objects and Modifiers
- Cameras
  - Perspective view manipulation
  - Walk, Steering Wheel
- Introduction to the Material Editor,
  - Creating Materials use bitmaps
  - Procedural maps
- Basic Animation Techniques
  - Track View
  - Creating an Animation
  - Changing Controller types,
- Renderer
  - Mental Ray
  - Exposure;
  - Light Simulation

**Autodesk**  
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Topics Include:

- Introduction to Computer Graphics, 3D animation, and 3ds max
- User Interface
- Working with Files and Objects
- Transforming Objects
  - snaps
- Overview Lab
- Basic Animation Techniques and Track View
- Creating an Animation and Changing Controller types
- Animation Lab
- Shapes
- More Objects and Modifiers
- Low Poly Modeling
- Environment and Low-Poly
- Introduction to the Material Editor
- Creating Mapped Materials
- Materials Lab
- Lights and the Scanline Renderer
- Advanced Lighting
- Cameras and Rendering
- Mental Ray
- Scene Creation Lab
- Full Day Lab