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UNITED CADD SERVICES

3D Studio Max course Syllabus

40hrs

- * Introduction to CAD & 3D Concepts
- * 3DS MAX user interface
- * Setting up Scene with Units
- * Viewing & Navigating 3D space
- * Creating 3D Geometrical objects & 2D shapes
- * Organizing the objects by Layers, Selection sets & Grouping
- * Simple modification of Object - Names, Colors & Basic parameters
- * Applying Transforms like Move, Copy, Clone, Scale, Rotate, Type-in...
- * Creating objects through Array, Lofting, Boolean operations
- * Importing AutoCAD drawing to 3DS Max
- * Creating Walls, Windows, Doors, Stairs, Roofs, Floors, Railings, Columns etc.
- * Placing Trees & Plants
- * Using Modifiers like Extrude, Bend, Twist, Taper, Lathe, Lattice, FFD
- * Editing Mesh & Spline
- * Designing of Materials: Wire, Paint, Plastic, Wood, Glass, Tile, Stone, Brick, Marble, Granite, Mirror, Metal, Vinyl, Fabric, Leather, etc.
- * Advanced Material – Multiple Sub-object for Walls, Doors, Windows, Stairs, Railings etc,
- * Mapping techniques for Materials
- * Modifying materials using modifiers like Mapscalar, UVW Maps
- * Setting & Adjusting Lights & Cameras
- * Animation concepts
- * Animating Objects, Lights, Cameras
- * Adjusting the Pivot points
- * Walkthrough Techniques
- * Rendering Techniques
- * Setting Backgrounds for the scene
- * Cheap Tricks
- * Tests & Quizzes