



## AUTOCAD 3D

### WHO SHOULD ATTEND

This course is intended for designers, draftsman, and architects who wish to gain an understanding of AutoCAD's core functionality and features. New users will learn to create, edit and organize a drawing and become immediately productive using AutoCAD.

### OBJECTIVES

This course covers:

- Using AutoCAD for daily working process.
- Managing User Coordinate System.
- Organize drawings for modeling and rendering.
- Creating 3D models

### METHODOLOGY

Participants will learn via:

- Lectures & discussion
- Demonstrations
- In-class exercises



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### COURSE OUTLINE

WEEK	TOPIC	DURATION
1	<b>Introduction to AutoCAD 3D</b> <b>Basic Object - Cube &amp; Cylinder</b> <ul style="list-style-type: none"> <li>• Draw</li> <li>• Basic Extrude</li> <li>• Print settings</li> </ul> <b>Extrusion</b> <ul style="list-style-type: none"> <li>• Normal Extrude</li> <li>• Path Extrude</li> <li>• Editing – Object Subtract</li> <li>• Print Settings</li> </ul>	2 Hours
	<b>Curved Object</b> <b>Trace Polyline – Arc line</b> <ul style="list-style-type: none"> <li>• Curve Armrest</li> <li>• Cushion</li> <li>• Legs</li> <li>• Backrest</li> </ul>	2 Hours
2	<b>Mapping &amp; editing</b> <ul style="list-style-type: none"> <li>• Mapping</li> <li>• Mapping Editing</li> <li>• Print settings</li> </ul>	2 Hours
	<b>Testing</b> Participants draw: <ul style="list-style-type: none"> <li>• Furniture layout plan</li> <li>• Sectional elevation</li> <li>• 3D of chosen space which includes furniture and fittings</li> </ul>	2 Hours



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**COURSE OUTLINE**

<b>3</b>	<b>Testing continued</b>	2 Hours
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<b>4</b>	<b>Submission of Final Project</b> Submit A3-size Presentation Drawing and Technical Drawing	2 Hours
	Total	14 Hours