



# SMART TRAINERS

## LESSON PLAN FOR INTERIOR DESIGNING COURSE

<b>COURSE TITLE:</b> <b>Interior Designing in Sketchup</b>	<b>COURSECODE:</b> <b>CB5038</b>	<b>CREDIT HOURS:</b> <b>01</b>	<b>DURATION:</b> <b>08 Weeks</b> ( 03 Classes Each Week )
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**COURSE INSTRUCTOR: Armash Khanzada**

Batch: <b>03</b>	Course Starting Date: <b>04/02/2025</b>	Course Suspension Date: <b>04/04/2025</b>
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**COURSE LEARNING OUTCOMES:** Upon successful completion of the course, the student will be able to:

CLO	Description	Level
01	Learn to create 3D models with SketchUp in this introductory SketchUp Pro course. Gain hands-on experience and build 3D modeling projects	C1
02	Create interior designing and Create Photorealistic Renders or Walkthrough.	C2

### LESSON CONTENTS AND ASSOCIATED CLO(s)

Contents	CLO No.	Marks Assigned	Delivery Methods	Assessment Methods (Marks)
<p style="text-align: center;"><b>1) Introduction to SketchUp</b></p> <ul style="list-style-type: none"> <li>• Advanced interface customization and workspace optimization</li> <li>• Efficient modeling workflow and best practices</li> <li>• Using scenes for model management</li> <li>• Outliner and Tags (Layers) for organized models</li> </ul> <p style="text-align: center;"><b>2) Precision Modeling &amp; Advanced Geometry</b></p> <ul style="list-style-type: none"> <li>• Advanced drawing tools usage</li> <li>• Solid tools (Union, Subtract, Trim, Intersect)</li> <li>• Follow Me tool (complex profiles)</li> <li>• Sandbox tools (terrain modeling)</li> <li>• Curved and organic forms</li> <li>• Accurate modeling using guides and inference system</li> </ul>	01 & 02	50%	Online Lectures & Practical work	Test

<p><b>3) Plugin</b></p> <ul style="list-style-type: none"> <li>• 100Bit tools</li> <li>• JHS Powerbar Tool</li> <li>• Majrail</li> <li>• Bevel e.t.c</li> </ul> <p><b>4) Enscape for Realistic Rendering (Intermediate)</b></p> <ul style="list-style-type: none"> <li>• Enscape interface and workspace overview</li> <li>• Menu bar and main settings</li> <li>• Quality and performance settings</li> <li>• Using Enscape tools and asset library</li> <li>• Basic lighting and material enhancement</li> <li>• Render and export options (image, video, panorama)</li> </ul> <p><b>5) Visualization &amp; Rendering Using Enscape (Intermediate)</b></p> <ul style="list-style-type: none"> <li>• Visualizing and presenting the 3D model professionally</li> <li>• Adjusting settings for photorealistic renders</li> <li>• Creating camera views and scenes</li> <li>• Making video animations and walkthroughs</li> </ul>	<p>01 &amp; 02</p>	<p>50%</p>	<p>Online Lectures &amp; Practical work</p>	<p>Test</p>
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