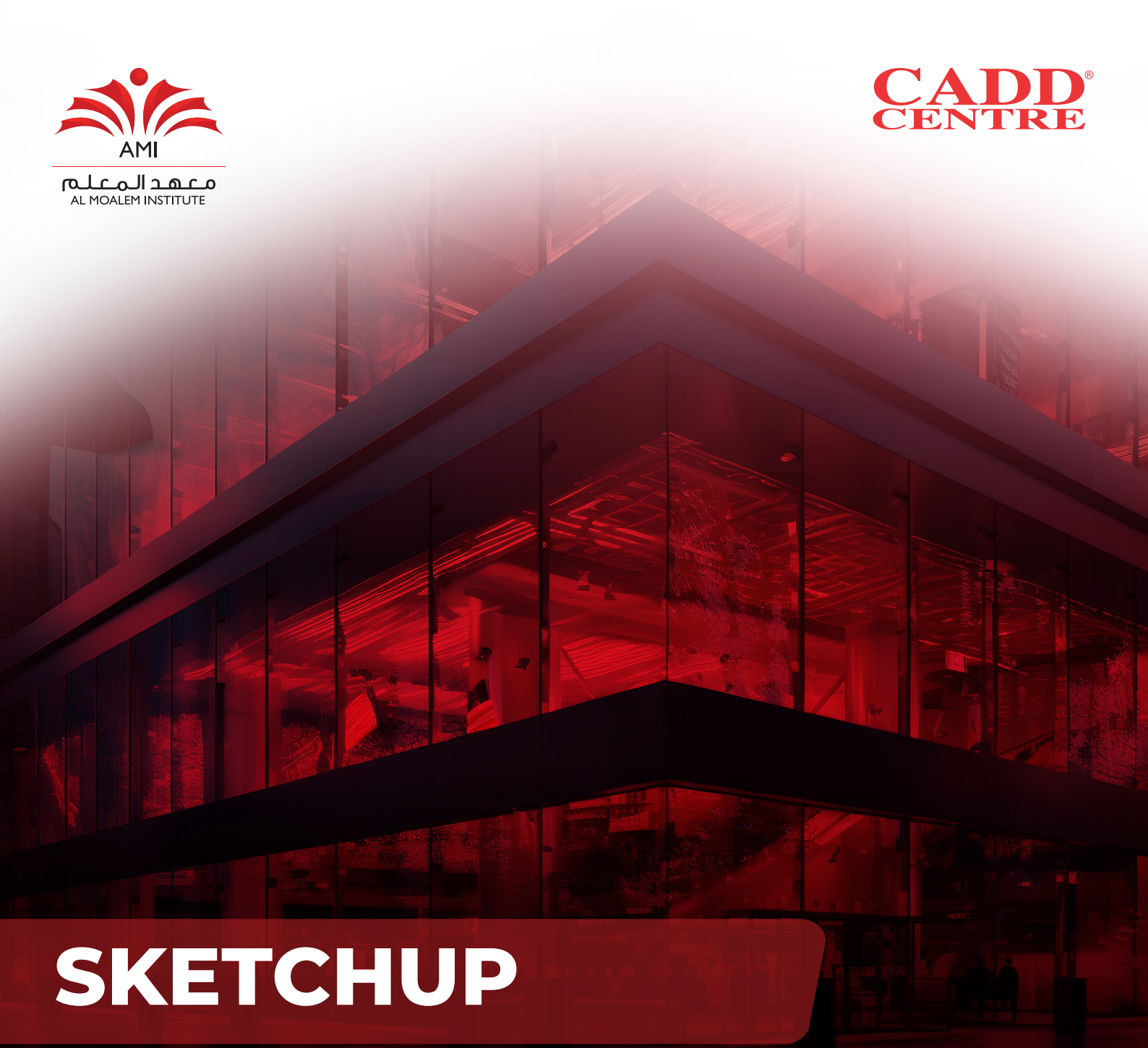
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CADD CENTRE



SKETCHUP

ELIGIBILITY REQUIREMENTS

There are no formal prerequisites for taking the SketchUp course. However, a basic understanding of 3D design principles and familiarity with CAD or design software is beneficial.

COURSE DURATION
16 HOURS

COURSE OVERVIEW

The SketchUp designed for individuals looking to develop or enhance their skills in 3D modeling, design, and visualization using SketchUp. SketchUp is a user-friendly 3D modeling software widely used in architecture, interior design, landscape architecture, and other fields that require precise, intuitive modeling tools. This course provides foundational and advanced knowledge of using SketchUp for creating detailed 3D models, visualizations, and presentations, making it ideal for architects, interior designers, landscape architects, product designers, and students in related fields.

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COURSE CONTENT

SketchUp course covers essential tools and techniques for 3D modeling and design, focusing on both foundational and advanced skills. The course typically includes the following key areas:

Introduction to SketchUp

- Interface and Navigation
- Project Setup and File Management

3D Modeling Fundamentals

- Creating Basic Geometry
- Modifying and Editing Geometry
- Using Groups and Components

Materials and Texturing

- Applying and Editing Materials
- Creating Custom Materials
- UV Mapping and Texturing Techniques

Advanced Modeling Techniques:

- Creating Complex Geometry
- Terrain Modeling and Landscape Design
- Using Extensions and Plugins

Rendering and Visualization

- Creating and Managing Scenes
- Lighting and Shadows
- Exporting Models for Rendering

Documentation and Presentation

- Creating 2D Documentation
- Creating Animations and Walkthroughs
- Exporting and Sharing Models

COURSE AUDIENCE

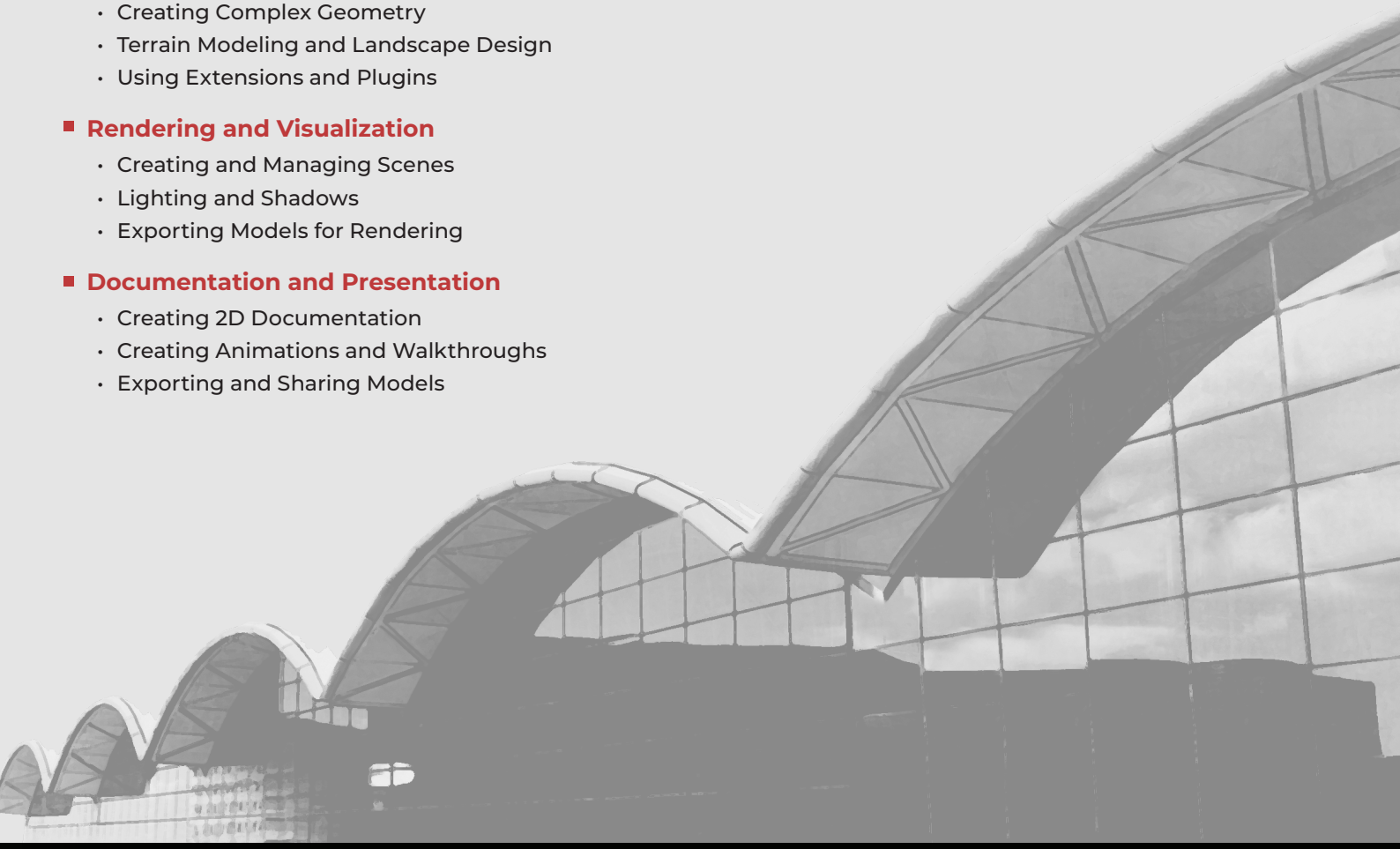
The SketchUp course is suitable for a wide range of individuals, including:

- Aspiring Architects and Interior Designers
- Professional Designers and Architects
- Freelancers and Independent Creators
- Landscape Architects and Urban Planners
- Product Designers and Manufacturers

COURSE LEARNING OUTCOMES

Upon completing the CADD Centre SketchUp course, participants are expected to achieve the following outcomes:

1. Proficiency in SketchUp:
2. Rendering and Visualization Skills:
3. Efficiency in Workflow and Collaboration:
4. Creative Problem Solving and Application:



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