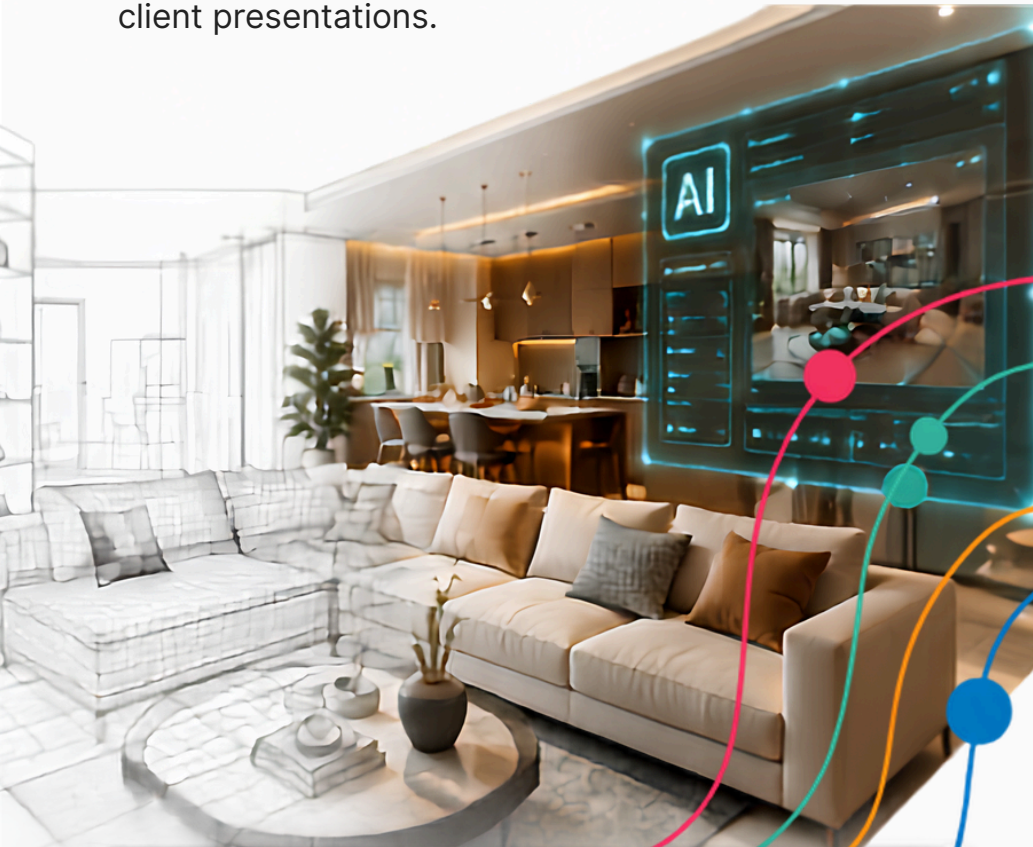




AI RENDERING WITH COOHOM

3-DAY HANDS-ON SHORTCOURSE

Transform design concepts into professional 2D & 3D layouts, develop AI-assisted design solutions, and create high-quality photorealistic renderings for client presentations.



TVET
Smart Choice
Bright Future



FOR
STUDENTS



FOR
PROFESSIONALS



FOR
TEAMS



Shortcourse
Programme

AI RENDERING WITH COOHOM

COURSE OUTLINE

A Comprehensive 3-day programme covering AI fundamentals for realistic rendering presentation.

Each module blends hands-on practice with real-world applications.

COURSE DETAILS

DURATION 1 Day (10:30am - 5:30pm)

MODE Hands-On Training

CERTIFICATION MTTC Completion Certificate

WHO SHOULD JOIN?

New Coohom users **Draughtspersons**

Architects **Real estate visualizers**

Interior designers **Furniture retail professionals**



DAY 1



Module 1 Spatial Thinking & Design Foundations

- Design concepts & spatial analysis
- Zoning & space planning
- AI layout suggestions
- Moodboard & style exploration



Module 2 Coohom Layout Foundations

- Floor plan to 3D conversion
- AI wall & structure generation
- Room setup & components
- Spatial validation & adjustments



Module 3 Rapid Layout Iteration

- Multiple layout options
- Space efficiency improvement
- Quick AI-assisted revisions
- Evaluating design alternatives



DAY 2



Module 4 Design Development & Storytelling

- Concept development
- Style direction & themes
- Color, materials & finishes
- Creating a design narrative



Module 5 AI Generative Design & Materiality

- AI style & design generation
- Textures, finishes & materials
- Furniture & decor selection
- Modern, luxury & minimal styles



Module 6 Rendering & Visual Composition

- Lighting (ambient, task, accent)
- Photorealistic rendering
- Camera angles & perspectives
- Panoramas & 360° views



DAY 3



Module 7 Technical Drawings & Documentation

- 2D drawings from 3D models
- Dimensions & annotations
- Plans, elevations & sections
- Export to CAD & PDF



Module 8 Automated Costing & BOQ

- Auto BOQ from live model
- Material & quantity estimation
- Costing & reporting
- Export BOQ for projects



Module 9 Client Presentation & Workflow Integration

- Presentation boards & layouts
- Interactive client walkthrough
- SketchUp & CAD integration
- Final project & portfolio

TOOLS & TECHNOLOGIES



AI Interior Design Platform



Cloud Rendering



SketchUp Integration



AutoCAD Compatibility

WHAT YOU WILL ACHIEVE



- ✓ Professional interior layouts & 3D models
- ✓ Photorealistic renders & 360° panoramas
- ✓ Accurate technical drawings
- ✓ Automated BOQ & cost estimation
- ✓ Client-ready presentation & portfolio

PJ CAMPUS

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46100 Petaling Jaya, Selangor
03-7931-3139

JB CAMPUS

Level 7, Citrine Hub Sunway Iskandar,
81550 Iskandar Puteri, Johor
07-509-0694