



Interior Design Course: Space Planning, Material Palettes, FF&E and SketchUp Visualisation



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Introduction:

Interior design course on space planning, material palettes, FF&E and SketchUp visualisation is a 5-day course for junior design, architectural, fit-out coordination and facilities staff that ends with an Interior Design Concept Package for a case office or hotel floor. Organisations lose usable floor area, occupant comfort and budget when layouts ignore adjacency, human dimensions and access clearances, and when finishes and furniture are chosen by appearance alone. Nominees already draw, plan or furnish interiors at work, and the course is taught through software lab sessions in SketchUp and 3ds Max alongside layout exercises. CoreConcept Training Center delivers this interior design course.

Course Objectives:

- Translate a client brief and site survey into a space programme with room areas, occupants and functional requirements
- Arrange zones, adjacencies and circulation routes for office and hotel floors using bubble diagrams and an adjacency matrix
- Apply anthropometric data and accessible clearances to workstation, seating, corridor and door dimensions
- Select colour schemes, material palettes and finishes that balance appearance, durability, maintenance and indoor air quality
- Choose furniture, fixtures and equipment against function, ergonomics and budget and record them in a coded FF&E schedule
- Build a SketchUp model and basic 3ds Max renders and assemble mood boards and presentation boards for client review

Target Audience:

- Junior interior design staff responsible for layouts, finishes selections and client presentation drawings
 - Architectural staff responsible for interior plans within building projects
 - Fit-out coordination staff responsible for checking layouts, finishes and furniture against the design intent
 - Facilities and workplace staff responsible for office moves, re-planning and furniture replacement
 - Hospitality property staff responsible for guest room, lobby and restaurant refurbishment briefs
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Course Outline:

Day 1: Interior Design Foundations, Design Process and Client Briefing

- Interior Design Process Stages From Brief to Presentation
- Client Brief Questionnaire Capturing Users, Activities and Image
- Site Survey and Measured Drawing of an Existing Space
- Office and Hotel Space Typologies Compared by Function
- Design Problem Statement and Concept Narrative Drafting

Day 2: Space Planning, Zoning, Ergonomics and Accessibility

- Space Programme Schedule Listing Rooms, Areas and Occupants
- Adjacency Matrix and Bubble Diagram for Functional Zoning
- Circulation Diagram Separating Public, Staff and Service Routes
- Anthropometric Data Applied to Workstation and Seating Clearances
- Accessible Route Clearances, Turning Spaces and Door Widths

Day 3: Colour Theory, Material Palettes, Finishes and FF&E Selection

- Colour Wheel Schemes and Colour Psychology for Interiors
- Material Palette Selection by Durability, Maintenance and Texture
- Finishes Schedule Coding Floors, Walls and Ceilings by Room
- Light Layers Brief Covering Ambient, Task and Accent
- FF&E Selection Criteria Matrix for Loose and Built-In Items

Day 4: Sustainable Interiors, Specification Pitfalls and 3D Visualisation

- Low-VOC, Recycled-Content and Durable Material Screening Checklist
- Interior Specification Writing Without Ambiguous Performance Descriptions
- SketchUp Model Build From a Floor Plan
- 3ds Max Material, Camera and Render Basics
- Plan Red-Line Review Catching Common Space Planning Errors

Day 5: Lab Case Study Producing the Interior Design Concept Package

- Case Office or Hotel Floor Brief and Survey Pack Review
 - Space Plan Layout Applying Zoning and Clearance Rules
 - Materials Board and Mood Board Assembly for the Case
 - FF&E Schedule Drafting With Codes, Quantities and Finishes
 - Interior Design Concept Package Completion and Peer Critique
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Skills You Will Gain:

- Client Brief Analysis
- Space Programming
- Functional Zoning
- Ergonomic Layout Planning
- Colour Scheme Development
- Material and Finish Selection
- FF&E Scheduling
- 3D Interior Modelling

Why Attend This Course:

- Hand an Interior Design Concept Package, with its space plan, materials board and FF&E schedule, to the design lead or facilities manager who approves the scheme
- Judge which layout option, palette or furniture item suits a room by checking it against the brief, human dimensions and maintenance demands
- Avoid wasted floor area, rework on inaccessible layouts and early wear of finishes by testing decisions before drawings are issued
- Share brief questionnaires, adjacency matrices, finishes coding and FF&E schedule templates with colleagues who plan or furnish interiors

Conclusion:

Back at work, the participant gives the design lead, project architect or facilities manager an Interior Design Concept Package that sets out the space plan, zoning logic, clearances, colour and material palette, finishes schedule and coded FF&E schedule with supporting SketchUp views. The unit uses it to agree a layout option with the client or occupier, brief the fit-out team and request furniture quotations on a common basis. After the first project that uses it, the unit should review occupant feedback, layout changes made on site and finish wear against the original selections.

Frequently Asked Questions FAQ:

What should participants know before the interior design course on space planning, material palettes, FF&E and SketchUp visualisation?

Participants should already read plans and contribute to layouts, finishes or furniture choices at work. Basic computer skills are enough; prior SketchUp or 3ds Max experience is helpful but not needed. Bringing a floor plan of a current office or hotel space helps apply each exercise.

How does the interior design course on space planning and FF&E differ from a fit-out project management course?

It teaches how to design the interior itself: brief, zoning, clearances, colours, materials, furniture selection and visualisation. Fit-out project management courses concentrate on scope splits, procurement tracking, programme, cost control and room handover, treating design decisions as inputs already made.

Why does interior design space planning start with an adjacency matrix and bubble diagram?

They record which activities must sit together, apart or near entrances before any wall is drawn. Fixing these relationships first prevents long walking routes, noise conflicts and wasted corridors, and gives a clear basis for comparing layout options with the client.

What does a participant take back from the interior design course on material palettes, FF&E and SketchUp visualisation?

Each participant takes back an Interior Design Concept Package for a case office or hotel floor, with a space plan, materials and mood boards, a finishes schedule, a coded FF&E schedule and SketchUp views, plus templates to reuse on their own projects.
