

Syllabus for Advanced Diploma Interior Design – (2 Years Duration)

Course Title: Advanced Diploma Interior Design

Duration: 2 year

Total Marks: 1600

Subject Code: ADID

Advanced Diploma Interior Design – Syllabus

Sl. No.	Paper Code	Paper Name	Marks		
			External	Internal	Total Marks
1	ADID - 101	Communication Skills	60	40	100
2	ADID -102	Introduction to Computers & Elementary Mathematics	60	40	100
3	ADID -103	Design Development & Colour Concept	60	40	100
4	ADID - 104	Building Materials - I	60	40	100
5	ADID - 105	Building Construction - I	60	40	100
6	ADID - 106	Computer Applications - I	60	40	100
7	ADID - 107	Practical – I - Drawing and Graphics	60	40	100
8	ADID - 108	Practical –II – Design Rendering	60	40	100
Total					800

Advanced Diploma Interior Design – (2nd year) Syllabus

Sl. No.	Paper Code	Paper Name	Marks		
			External	Internal	Total Marks
1	ADID -201	Building Construction - II	60	40	100
2	ADID -202	Computer Aided Designs	60	40	100
3	ADID - 203	Colour and its Application	60	40	100
4	ADID - 204	Working Drawing	60	40	100
5	ADID - 205	Building Materials - II	60	40	100
6	ADID - 206	Computer Aided Rendering Techniques	60	40	100
7	ADID - 207	Practical – I - Perspective Drawing	60	40	100
8	ADID - 208	Practical – II- Residential Design	60	40	100
Total					800

Detail Syllabus for Diploma (DID) - Interior Design – 1st Year

1. Communication Skills

(Marks 100) Paper Code – ADID – 101

One way and two way communication, essentials of good communication, methods of communication - oral, written and non-verbal, barriers of communication, techniques of overcoming barriers, concept of effective communication, all forms of written communication including – drafting reports, notices, agenda notes, business correspondence, preparation of summaries and précis, telegrams, circulars, representations, press release and advertisements, telephonic communications, essentials of technical report writing, defect reporting, analysis and how to make suggestions, writing personal resume and application for a job, techniques of conducting group discussions, international phonetics of alphabets and numeric.

2. Introduction to Computers & Elementary Mathematics

(Marks 100) Paper Code – ADID – 102

Introduction to Algebra, Trigonometry, Co-ordinate Geometry, Differential and Integral Calculus, Types and Generations of Computers, Number System and Date Representation Scheme, Flow Chart and Computer Application to Business.

3. Design Development & Colour Concepts

(Marks 100) Paper Code – ADID – 103

Unit No. 1: Elements of Design

Unit No. 2: Colour

Unit No. 3: Line

Unit No. 4: Shape

Unit No. 5: Texture etc.

4. Building Materials - I

(Marks 100) Paper Code - ADID - 104

Unit No. 1: Brick:

- Qualities of good brick
- Field test, terminology
- Precautions to be taken in brick laying & size.

Unit No. 2: Stone:

- Classification
- Qualities of good stone,
- Laying,
- Dressing
- Different textures and applications.

Unit No. 3: Sand:

- Types and application

Unit No. 4: Timber:

- Types
- Cross sections of exogenous tree
- Defects in timber
- Seasoning
- Application in interior
- Application of artificial timber e.g. veneers plywood.

Unit No. 5: Cement:

- Types
- Field test for cement
- Application of cement

Unit No. 6: Mortar:

- Types
- Application

Unit No. 7: Clay Products:

- Types
- Application

Unit No. 8: Lime:

- Types
- Application

Unit No. 9: Miscellaneous Materials:

- Gypsum
- Sound Absorbent Materials

Unit No. 10: Stone Ware and Porcelain:

- Application in Interior Design

5. Building Construction – I

(Marks 100) Paper Code – ADID – 105

Unit No. 1: Foundation:

- Purpose
- Shallow & deep foundation
- Sketches for spread footing & isolated column footing.

Unit No. 2: Plinth:

- Plinth filling material and their representation
- Introduction to load & R.C.C. frame structure including beams, column, slab, chajija, lintel etc. with their general size and placements.

Unit No. 3: Carpentry Joints:

- Meaning of term
- Technical terms
- Classification etc.

Unit No. 4: Floor:

- Purpose
- Mezzanine floor
- Stilt floor
- Basement floor (introduction only)

Unit No. 5: Lintels:

- Purpose
- Types
- General size
- Terminology

Unit No. 6: Arches:

- Purpose
- Types & applications.

Unit No. 7: Brick masonry:

- English bond
- Flemish bond
- Precautions to be taken in bonding, king closer, queen closer, bat and application.

Unit No. 8: Stone Masonry:

- Rubble masonry
- Ashlar masonry
- Introduction to artificial stone and uses, stone finishes.

Unit No. 9: Door and Windows:

- Types of door & windows with their applications

Unit No. 10: Structures in Brick Work:

- Footing, Piers, etc

6. Computer Applications

(Marks 100) Paper Code – ADID – 106

Unit No. 1: MS Word:

- Create a project report for starting a new interior design company using MS Word

Unit No. 2: MS Excel:

- Perform Calculations and create relevant charts and insert in the project report created.

Unit No. 3: MS PowerPoint:

- Prepare a PowerPoint presentation based on the project report.

Unit No. 4: Internet:

- Browse various interior design company websites, create an E-mail ID.

7. Practical – I - Drawing and Graphics

(Marks 100) Paper Code – ADID – 107

Unit No. 1: Lines: Types standard and application

Unit No. 2: Lettering: Single Stroke Vertical Letters, architectural lettering, Block Letters

Unit No. 3: Orthographic projection

Unit No. 4: Scales: British: types of scale, application in drawing

Unit No. 5: Isometric View

Unit No. 6: Oblique View

Unit No. 7: One point Perspective View

1. Practical –II – Design Rendering

(Marks 100) Paper Code – ADID – 108

Unit No. 1: Rendering Material and Medium – Colour Pencils, Water Colour etc.

Unit No. 2: Rendering Techniques

Unit No. 3: Plan and Elevation Rendering

Detail Syllabus for Advanced Diploma (ADID)

Interior Design – 2nd Year

1. Building Materials - II

(Marks 100) Paper Code – ADID - 201

Unit No. 1: Concrete:

- Types
- Application
- Precautions to be taken in handling and transportation.

Unit No. 2: Glass:

- Types
- Applications of glass in various interiors.

Unit No. 3: Paints and Varnishes:

- Types and applications in various interiors.

Unit No. 4: Distempers:

- Types and applications in various interiors.

Unit No. 5: Iron:

- Pig iron
- Wrought iron
- Cast iron
- Applications

Unit No. 6: Non-Ferrous Metals

Unit No. 7: Steel and its uses

Unit No. 8: Plastics:

- Classification
- Application etc.

Unit No. 9: Hard ware:

- Types and application

Unit No. 10: Furnishing Materials

2. Computer Aided Design

(Marks 100) Paper Code – ADID - 202

Unit No. 1: Introduction

Unit No. 2: An Overview of CAD

Unit No. 3: Advantages of Auto CAD
Unit No. 4: AutoCAD system requirements
Unit No. 5: Accessing Commands
Unit No. 6: Editing Command or Text Window text
Unit No. 7: Correcting Mistakes
Unit No. 8: Refreshing the screen display
Unit No. 9: Opening a Drawing and Saving an Existing File

3. Colour and its Application

(Marks 100) Paper Code – ADID 203

- Colour theory and its application in Interior Design

4. Working Drawing

(Marks 100) Paper Code – ADID – 204

Unit No. 1: Tools
Unit No. 2: Hardware
Unit No. 3: Drawer Details
Unit No. 4: Upholstered Furniture

- Chair
- Sofa Seater
- Chair

Unit No. 5: Fixed furniture

- Glazed partition
- Display window/ Shop front
- Bay Window

5. Building Materials - II

(Marks 100) Paper Code – ADID – 205

Unit No. 1: **Cement:** Types, field test for cement, application of cement
Unit No. 2: **Mortar:** Types, application
Unit No. 3: **Clay Products:** Types, application
Unit No. 4: **Lime:** Types, application
Unit No. 5: **Miscellaneous Materials:** Gypsum, Sound Absorbent Materials
Unit No. 6: **Stone Ware and Porcelain:** Application in Interior Design

6. Computer Aided Rendering Techniques

(Marks 100) Paper Code – ADID – 206

Unit No. 1: Creative Tools

Unit No. 2: Modifying Tools

Unit No. 3: Lighting and Cameras

Unit No. 4: Material Applications and Rendering Techniques

Unit No. 5: Rendering Techniques using Photoshop

7. Practical – I – Perspective Drawing

(Marks 100) Paper Code – ADID - 207

- Perspectives of Design Problem 10 Sheets

8. Practical – II- Residential Design

(Marks 100) Paper Code – ADID – 208

Unit No. 1: Introduction of Interior Design

Unit No. 2: Standard Dimensions of Living Room Furniture

Unit No. 3: Dining Area Furniture

Unit No. 4: Bedroom Furniture

Unit No. 5: Kitchen Furniture

Unit No. 6: Bathroom / Toilet (Sanitary Wares)

Unit No. 7: Measurement Plan

Unit No. 8: Bubble Diagram and Furniture Layout

Unit No. 9: Interior Elevations of Walls

Unit No. 10: Planning of Living Room

Unit No. 11: Planning of Dining Area

Unit No. 12: Planning of Bedroom

Unit No. 13: Planning of Kitchen

Unit No. 14: Planning of Bathroom

Unit No. 15: Flooring Layout

Unit No. 16: False Ceiling

Unit No. 17: Electrical Layout