



BANGLADESH TECHNICAL EDUCATION BOARD
Agargaon, Dhaka-1207

4-YEAR DIPLOMA-IN-ENGINEERING PROGRAM
SYLLABUS (PROBIDHAN-2016)

ARCHITECTURE & INTERIOR DESIGN
TECHNOLOGY CODE: 687
6th SEMESTER

SUBJECT NAME: INTERIOR WORKING DRAWING-2
SUBJECT CODE: 68762

AIMS

- ☐ To be able to understand the working drawing of residential building plan procedure.
- ☐ To be able to understand the working drawing of residential building furniture drawing procedure.
- ☐ To be able to understand the working drawing on kitchen & toilet with fixture & fittings.
- ☐ To be able to understand the working drawing of false ceiling, wall partisan, cabinet and floor materials.

SHORT DESCRIPTION,

Plan of residential, Furniture lay-out, Detail of stair, Detail of kitchen, Detail of bathroom, False ceiling and cabinet.

THEORY:

1. Understand the general principle of Furniture.

- 1.1 List the furniture of residential building.
- 1.2 List the furniture of office it a stander dimension.
- 1.3 Describe the type of furniture on the basis of materials.
- 1.4 List the hardware which used in materials of furniture.
- 1.5 State the characteristics of plan board, MDF board, Melamine board, veneer board. P.V.C board.

2. Understand interior of Morden kitchen.

- 2.1 Define the function of kitchen.
- 2.2 Describe the types of modern kitchen.
- 2.3 Describe the list of fixture and fittings of modern kitchen.
- 2.4 Describe the working triangle of kitchen.
- 2.5 Describe the utensil hanging materials.

- 2.6 Selection of kitchen cabinet materials of kitchen.
- 2.7 Describe the various cabinet hardware .
- 2.8 Describe the type of light which is used in modern kitchen.
- 2.9 Describe the Floor wall and kitchen counter.

3. Understand the interior of Modern bath/toilet

- 3.1 Define the modern toilet
- 3.2 Describe the function of modern toilet.
- 3.3 Describe the list of fitting & fixture of modern toilet
- 3.4 Describe the floor, wall & ceiling materials in used modern toilet.
- 3.5 Describe the different fixture with dimension in toilet.
- 3.6 Describe the different toilet fixture clearance in toilet.
- 3.7 Describe of function of toilet cabinet.
- 3.8 Describe the characteristic cabinet and ceiling materials.

4. Understand the Interior of modern Bed Room .

- 4.1 Define the modern bed room .
- 4.2 Describe the list of modern furniture for a bed room.
- 4.3 Describe different types of bed size in respect of bed room (Master bed, Child bed room , Guest bed room)

4.4 Describe the modern cabinet and its function of bed room. 4.5 Describe the principle of wall panelling's in bed room.

4.6 Describe the various type of wall panelling's materials.

5. Understand the Interior of conference/Seminar room.

5.1 Define Conference room.

5.2 Define Seminar room.

5.3 Define the function of conference and seminar room.

5.4 Describe use of furniture of conference & seminar room.

5.5 Describe the equipment of multimedia and Audio visual system.

5.6 Describe the Floor ceilings materials of conference & seminar room.

6. Understand the décor and detail of stair and veranda railings.

6.1 List the décor materials for stair.

6.2 Describe the different types of railing used in veranda and stair.

6.3 Describe the floor materials used in stair.

6.4 Describe the technic of fixing the railings in veranda and stair.

PRACTICAL :

1. Construct the detail drawing of modern kitchen with CAD.

1.1. Draw the different types of kitchen in respect of shape with detail dimension.

1.2. Draw the fixture in kitchen plan showing detail dimension.

1.3. Draw the cross sectional elevation of kitchen with dimension

1.4. Draw the section on kitchen counter and cabinet.

1.5. Draw the finish schedule of kitchen

2. Construct detail drawing modern Bath with CAD.

2.1. Draw the plan of bath room showing all dimension.

2.2. Draw the fittings and fixture in bathroom showing all dimension.

2.3. Draw the cross sectional elevation of bath on commond and bathtub.

2.4. Draw the finish schedule of bath room.

3. Construct detail drawing modern Bed room with CAD.

3.1. Draw the floor plan of bed room showing the furniture with dimension.

3.2. Draw the detail drawing of wall pannelis.

3.3. Draw the lay-out plan of laying tiles and stone in different room of a residence.

3.4. Draw finish schedule of master bed room.

4. Construct detail drawings of dining room with CAD.

4.1. Draw the plan of dining room showing dimension.

4.2. Draw the lay-out plan of dining table and chair showing all dimension in respect of working clearance.

4.3. Draw the detail drawing of modern dining table and a chair .

4.4. Draw the plan and detail section, wall cabinet of a dining.

5. Construct the detail drawing of conference room with CAD.

5.1. Draw the plan of conference room 20 person seating.

5.2. Draw the layout of furniture of conference room with detail dimension in respect working clearance.

5.3. Draw the plan of false ceiling of conference room..

5.4. Draw the detail 3 Nos fitting &fixing of false ceiling (Two or three layer) with necessary light provision.

5.5. Draw the finish schedule of a conference room.

6. Construct the detail working drawing of stair with CAD.

6.1. Draw the plan of different types of staircase with all dimension.

6.2. Draw the detail section of staircase .

6.3. Draw the detail drawing of fixing blustered and newel post of stair.

6.4. Draw the detail drawing of handrail and railing .

REFERENCE BOOKS

1. Graphics Standard Building
2. Architectural Drafting -1
Syed Mazharul Haque
Bangladesh Technical Education Board
2. Architectural Drafting -2
Syed Mazharul Haque
Bangladesh Technical Education Board
3. Time Saver Standard Building Type
By Joseph De Chirra.