



BANGLADESH TECHNICAL EDUCATION BOARD

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

GRAPHIC DESIGN TECHNOLOGY
TECHNOLOGY CODE: 96

SYLLABUS
(PROBIDHAN-2016)

FIRST SEMESTER

BASIC GRAPHIC DESIGN

T	P	C
2	3	3

AIMS

- To be able to acquire knowledge and skill in basic graphic design.
- To be able to develop knowledge and skill in basic elements of graphic design.
- To be able to acquire skill and knowledge in Printing Process, color and design technique.

SHORT DESCRIPTION

History of graphic design; Graphic Design fundamental; Line, Shapes and Space; Proportion; Drawing technique; Texture; Light & color; Typography; Printing Processes.

DETAIL DESCRIPTION**Theory****1 History of graphic design.**

- 1.1 Describe history of graphic design.
- 1.2 Discuss symbol terms.
- 1.3 Explain the calligraphy.
- 1.4 Describe rock & cave art.

2 Understand Fundamental of Graphic Design.

- 2.1 Define Graphic Design
- 2.2 Describe the element of Graphic Design
- 2.3 Discuss Innovation on Design
- 2.4 Discuss the type harmony.
- 2.5 Discuss touch type fingering.

3 Understand Quality of line

- 3.1 Define line for graphic Design
- 3.2 Describe types of line
- 3.3 Explain meaning of different types of line
- 3.4 Distinguish thick and thin lines
- 3.5 Describe Codes of pencils
- 3.6 Explain how line work for Design

4 Understand Shape & Space

- 4.1 Define Shape & Space
- 4.2 Explain Shapes meaning with relation to symbol
- 4.3 Describe various type of shape
- 4.4 Discuss various type of space

4.5 Describe space & Proportion

5 Understand Drawing Technique

5.1 Define Drawing

5.2 Discuss grids relation of Graphic Design

5.3 Describe Type of drawing using Viewer

5.4 Define Perspectives

6 Understand the Texture

6.1 Define Texture

6.2 Describe the types of natural Texture

6.3 Describe man made Texture

6.4 Describe Application of Texture

7 Understand Light & Color

7.1 Define light & color

7.2 Define source of color

7.3 Discuss additive & subtractive color

7.4 Describe color properties.

7.5 Describe color swatch.

8 Understand Typography

8.1 Define typography.

8.2 Describe component of type.

8.3 Discuss attribute of type.

8.4 Describe uses of type.

8.5 Discuss alignment of type.

9 Understand basic Printing.

9.1 Define Printing.

9.2 Describe different type of Printing.

9.3 Describe different type of Image carrier

9.4 Discuss Printing Materials

9.5 Distinguish between various printing Processes.

PRACTICAL

1. Draw various type of line using pen & pencil

2. Draw Various types of shapes using line
3. Draw Various freehand drawing using grids
4. Create texture & pattern using pen & pencil
5. Draw Various Type Faces
6. Draw Color Gradient Using Basic color
7. Draw Color Mixing using Circle
8. Draw National flag using appropriate color & Proportion
9. Make a complete Book cover Design,
10. Draw Various Image Carriers.