| Marks | Grade Point | Letter Grade | Marks | Grade Point | Letter Grade |
|---|---|---|---|---|---|
| 80> | 4.00 | A+ | 55-59 | 2.75 | B- |
| 75-79 | 3.75 | A | 50-54 | 2.50 | C+ |
| 70-74 | 3.50 | A- | 45-49 | 2.25 | C |
| 65-69 | 3.25 | B+ | 40-44 | 2.00 | D |
| 60-64 | 3.00 | B | 0-39 | 0.00 | F |

**Daffodil Polytechnic Institute, Institute Code: 50238**
**Lesson Plan – Academic session: April 2022 to August 2022**

Subject Teacher          : Shanta Islam( Instructor)
Subject Name            : Digital Presentation & Visual Technique
Subject Code            : 68754
Technology              : Architecture & Interior Design Technology.
Semester                : 5th
BTEB Text Book Name     : Digital Presentation & Visual Technique (Publisher: Haque  Prokashani)
 Reference Book Name    : Architecture Drafting and Design - Donald E. Hepler & Paul I. Wallach

| Mark Distribution (for 150 Marks) | | | |
|---|---|---|---|
| **Theory Marks** | | **Practical Marks** | |
| Midterm | 10 | PC | 50 |
| Class test | 05 | PF | 50 |
| Quiz test | 05 | - | - |
| Final | 30 | - | - |
| **Total** | **50** | **Total** | **100** |

| Class Timing Distribution | |
|---|---|
| **Particulars** | **Time** |
| Greeting with students | 05 Minutes |
| Previous Class Review | 05 Minutes |
| Present Class  Topic Discussion and Lecture Delivery | 30  Minutes |
| Present Class  Topics Review | 05 Minutes |

**Subject Aims**:

After completion of the course students will be able to:
- ❖ Understand the Graphic Design.
- ❖ Understand Design software.
- ❖ Understand the Editing software.
- ❖ Understand the Commercial printing output.

**Subject Outcome**:

Graphics Design; form, feeling, function; Visually appealing, Color harmony, Typeface; Convey Message, Cohesive mood, Emotional response;  graphics tools, commercial printing tools and materials; Layout and Composition; Typography; role of color in Graphics Design; Design Considerations of Graphic Design; Design Software; Image/Photo editing Software; basic shapes at Illustrator; color, fills and strokes; compound object and make composition; typeface; Edit image at Photoshop; clipping and filtering of an Image at Photoshop; commercial advertisement/banner; design for Brochure.

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | 01 (Theory class) | **Chapter-01** Understand the Graphics Design. | 1.1      State the meaning of Graphics Design. 1.2 Discuss basic elements of Graphics Design (form, feeling, function). 1.3 Define the terms (Visually appealing,      Color      harmony, | After the Class, Students will be able to: <br> • Learn about Graphics Design and its related terms. | A Computer, Projector, required software. <br><br> YouTube Link: https://www.youtube.com/watch?v=mby3K8PH1J4 |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | | Typeface) of form. | | |
| | 02 (Practical class) | **Chapter-01** Introduce with Illustrator/ Photoshop | 1.1 Start Illustrator software and introduce its Graphical user interface. 1.2 Start Photoshop software and introduce its graphical user interface. | After the Class, Students will be able to: • Learn about Photoshop and Illustrator software in short | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=ExeucZz1iSY |
| | 04 (Practical class) | **Chapter-01** Introduce with Illustrator/ Photoshop | 1.2 Start Photoshop software and introduce its graphical user interface. | After the Class, Students will be able to: • Learn about Photoshop and Illustrator software in short | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=ExeucZz1iSY |
| | 05 (Theory class) | **Chapter-01** Understand the Graphics Design | 1.4 Define the terms (Convey Message, Cohesive mood, Emotional response) of feeling. 1.5 Define The terms (serves the purpose, easy to read and understand, executable) of function. 1.6 Discuss the graphics tools, commercial printing tools and materials. | After the Class, Students will be able to: • Know about graphichs tool. | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=bcIWe0MeZtw |
| | 06 (Practical class) | **Chapter-01** Introduce with Illustrator / Photoshop | 1.1 Create a new document and save the file at Illustrator / Photoshop. 1.2 Use an existing document modifies and save the file at Illustrator / | After the Class, Students will be able to: • Learn how to modified an image or file in Illustrator / Photoshop software. | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/ |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | | Photoshop. | | watch?v=ExeucZz1iSY |
| | 07 (Practical class) | **Class Test -1** | Examination Topic: Chapter 01 Examination mark: 10 Passing Mark: 08 | After the exam Students will be able to: •Solve chapter based all topics and design. | A Computer, Projector, Illustrator, Photoshop, required software. Exam khata |
| | 08 (Theory class) | **Chapter-02** Understand the Layout And Composition | 2.1 Discuss the basic principles of composition. 2.2 Define symmetrical, asymmetrical, and radial balance. 2.3 Discuss white space principles ( minimalism, KISS) 2.4 Discus4PS Theory (practice, participate, pick apart, play). | After the Class, Students will be able to: • Learn about layout and principles of composition. | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/ watch?v=qyc8PRlYfms |
| | 09 (Practical class) | **Chapter-02** Draw Basic shapes at Illustrator | 2.1 Draw straight line, curve line spiral. 2.2 Draw rectangle, ellipse, polygon, stars etc | After the Class, Students will be able to: • Learn how to draw straight, curve line etc. and basic shapes in Illustrator. | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/ watch?v=A_IGk7K5vSY |
| | 10 (Theory class) | **Quiz Test-1** | Examination Topic: Chapter 01 & 02 Examination mark: 10 Passing Mark: 08 | After the quiz test student will be able to justify himself\herself. | A Computer, Projector, Illustrator, Photoshop, required software. Exam khata |
| | 11 (Theory class) | **Chapter-03** Understand the | 3.1 Distinguish between Fonts and typeface. | After the Class, Students will be able to: | A Computer, Projector, Illustrator, Photoshop, |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | Typography | 3.2 Anatomy of Typography.<br>3.3 Discuss Terminology of Typography.<br>3.4 Discuss the rules of Typography.<br>3.5 Define pairing types for maximum impact. | • Knowing about Typography in details. | required software.<br><br>YouTube Link:<br>https://www.youtube.com/watch?v=bYPb3Ih9SXk |
| | 12<br>(Practical class). | **Chapter-02**<br>Draw basic shapes at Illustrator. | 2.3 Draw freehand shape by using pen and pencil tool.<br>2.4 Modify existing shapes. | After the Class, Students will be able to:<br>• Learning about modifying system of existing shapes at Illustrator. | A Computer, Projector, Illustrator, Photoshop, required software.<br><br>YouTube Link:<br>https://www.youtube.com/watch?v=FH4-WIkHnd4 |
| | 13<br>(Practical class) | **Class Test -2** | Examination Topic: Chapter 01<br>Examination mark: 10<br>Passing Mark: 08 | After the exam Students will be able to:<br>• Learn different types of composition in detail. | A Computer, Projector, Illustrator, Photoshop, required software.<br><br>Exam khata |
| | 14<br>(Theory class) | **Chapter-04**<br>Understand the role of color in Graphics Design. | 4.1 Define color terms (pixel pigment, hue, value, saturation, Intensity).<br>4.2 Describe rules of color.<br>4.3 Distinguish between RGB and CMYK.<br>4.4 Describe psychology of color.<br>4.5 Discuss the procedure of color selection for commercial building. | After the Class, Students will be able to:<br>• Learn about various color terms of graphics design.<br>• Learn about RGB and CMYK in details and roles of color | A Computer, Projector, Illustrator, Photoshop, required software.<br><br>YouTube Link:<br>https://www.youtube.com/watch?v=ZaZHDNTCKTc |
| | 15<br>(Practical class) | **Chapter-03**<br>Practice color, fills | 3.3 Prepare a composition by using color group. | After the Class, Students will be able to: | A Computer, Projector, Illustrator, Photoshop, |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | and strokes. | | • Learn about composition making by using color group. | required software. |
| | | | | | YouTube Link: https://www.youtube.com/watch?v=p1qUFwSU93Q |
| | 16 (Theory class) | Quiz Test-2 | Examination Topic: Chapter 04 Examination mark: 10 Passing Mark: 08 | After the exam Students will be able to: Problem solving chapter 2 related all topics. | A Computer, Projector, Illustrator, Photoshop, required software. • Exam khata |
| | 17 (Practical class) | **Chapter-03** Practice color, fills and strokes | 3.1 Add color to object and use gradient fill. 3.2 Add strokes to object and adjust its amount. | After the Class, Students will be able to: • Know how to add color and strokes to object. | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=utLtGue11Kw |
| | 18 (Practical class) | **Chapter-04 Create compound object and make composition.** | 4.3 Create a simple composition with basic and compound objects. 4.4 Practice symmetrical, asymmetrical, and radial balance in a composition. | After the Class, Students will be able to: Learn about making composition. | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=XJxPZdlJVRU |
| | 19 **(Practical class)** | **Class Test-03** | Examination Topic: Chapter 04 (Theory based) Examination mark: 10 Passing Mark: 08 | After the exam, Students will be able to: Knowing about basic role of Graphic Design. | A Computer, Projector, Illustrator, Photoshop, required software. Exam khata |
| | 20 (Theory class) | **Chapter-04** Understand the Design | 5.1 Discuss the basic design consideration for commercial Advertisements. 5.2 Discuss the basic design | After the Class, Students will be able to: • Learn about the basic design consideration | A Computer, Projector, Illustrator, Photoshop, required software. |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | Considerations of Graphic Design. | consideration for Business cards.<br>5.3 Discuss the basic design consideration for Brochures. | for graphic Design. | YouTube Link:<br>https://www.youtube.com/watch?v=p1qUFwSU93Qf |
| | 21<br>(Practical class) | **Chapter-04**<br>Create compound object and make composition. | 4.1 Create compound paths and shapes by using the brush, pen, pencil tool. | After the Class, Students will be able to:<br>• Learn about how to create compound object by using the pen, pencil and brush tool. | A Computer, Projector, Illustrator, Photoshop, required software.<br><br>YouTube Link:<br>https://www.youtube.com/watch?v=XJxPZdlJVRU |
| | 22<br>(Practical class) | **Chapter-04**<br>Create compound object and make composition. | 4.2 Create art work with pathfinder, shape builder tool. | After the Class, Students will be able to:<br>• Learn about how to create compound object by using the pen, pencil and brush tool. | A Computer, Projector, Illustrator, Photoshop, required software.<br><br>YouTube Link:<br>https://www.youtube.com/watch?v=XJxPZdlJVRU |
| | 23<br>**(Theory class)** | **Chapter-05**<br>**Understand the Design Considerations of Graphic Design.** | 5.4 Discuss the basic design consideration for Logos.<br>5.5 Discuss the client's requirements for Graphics Design. | After the Class, Students will be able to:<br>• Learn about clients requirements for Graphic design and concept about logos. | A Computer, Projector, Illustrator, Photoshop, required software.<br><br>YouTube Link:<br>https://www.youtube.com/watch?v=XJxPZdlJVRU |
| | 24<br>Presentation | Presentation on the mid project. | **Make the students believe that they can be a great professional in their field and give them confidence.** | | **PC & Projector** |
| | **25** | Chapter 1 to Chapter 4 | (Regarding students problem) | After the Class,<br>Students will be able to | **A Computer, Projector, Illustrator, Photoshop,** |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | **Review class** | | | solve their subjective all problem. | **required software.** |
| | | | **Mid Term** | | |
| | **Architectural site visit.** | It will help the student to develop their design consideration. | | | |
| | 26 (Theory class) | **Chapter-06** Understand the Design Software. | 6.1 Discuss GUI and menu bar (object, select, filter, effects etc.) of Illustrator. 6.2 Describe different types of Illustrator tool bar (main tool, color, character, Stock, appearance, layers, alignment etc.) | After the Class, Students will be able to: <br>• Knowing about different types of Illustrator tool bar and menu bar. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/watch?v=bGJX9qT9hmk |
| | 27 **(Theory class)** | **Quiz Test-3** | Examination Topic: Chapter 05 (Theory based) Examination mark: 10 Passing Mark: 08 | After the exam, Students will be able to: Learn about composition and compound element. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>**Exam khata** |
| | 28 (Practical class) | **Chapter-05** Prepare composition with typeface. | 5.1 Create text by using type tool. | After the Class, Students will be able to: Learn about graphics design.. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/watch?v=sByzHoiYFX0 |
| | 29 (Practical class) | **Chapter-05** Prepare composition with typeface. | 5.2 Set the text onto a path. | After the Class, Students will be able to: <br>• Learn about graphics design.. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/ |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
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| | | | | | watch?v=sByzHoiYFX0 |
| | 30 (Theory class) | **Chapter-06** Understand the Design Software. | 6.3 Discuss main tool bar (selection, pen, type, line, rectangle, paint brush, pencil, rotate, scale, hand, zoom etc.) of Illustrator. 6.4 Discuss the file format of Illustrator. 6.5 Discuss the printing procedure, paper and its module. | After the Class, Students will be able to: <ul><li>Knowing about different types of Illustrator tool bar and menu bar.</li></ul> | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=bGJX9qT9hmk |
| | 31 (Practical class) | **Chapter-05** Prepare composition with typeface. | 5.3 State the necessity of detail drawing of the furniture. 5.4 Mention the use of color scheme of furniture. | After the Class, Students will be able to: <ul><li>Learn about graphics design.</li></ul> | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=sByzHoiYFX0 |
| | 32 (Practical class) | Class Test-4 | Examination Topic: Chapter 05 Examination mark: 10 Passing Mark: 08 | After the exam , Students will be able to: <ul><li>Learn about Design Software Illustrator in detail.</li></ul> | A Computer, Projector, Illustrator, Photoshop, required software. Exam khata |
| | 33 (Theory class) | **Chapter-07** Understand the Image/Photo editing Software. | 7.1 Discuss GUI and menu bar (image, layer, select, filter etc.) of Photoshop. 7.2 Describe different types of Photoshop tool bar (main tool, color, character, layer etc.) | After the Class, Students will be able to: <ul><li>Learning about different types of tool bar and menu bar of Photoshop.</li><li>Learn about Photoshop file format and its main tool bar.</li></ul> | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: hhttps://www.youtube.com/watch?v=Ix4xxNI_UTI ttps://www.youtube.com/w |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | | | | atch?v=3WKRCo4UQJY |
| | 34 (Practical class) | **Chapter-06** Edit image at Photoshop | 6.1 Insert an image, readjust by using transform, crop etc. 6.2 Create simple objects (line, rectangle, ellipse, polygon, text etc.). | After the Class, Students will be able to: <ul><li>Learn how to insert an image at Photoshop software and readjust them.</li><li>Learning about creating method of simple object at Photoshop.</li></ul> | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=JbNsQhhq_hU YouTube Link: https://www.youtube.com/watch?v=pRV-_Zolx-U |
| | 35 (Practical class) | **Chapter-06** Edit image at Photoshop | 6.3 Use stamp tool to match/ repair objects. | After the Class, Students will be able to: <ul><li>Learn how to insert an image at Photoshop software and readjust them.</li><li>Learning about creating method of simple object at Photoshop.</li></ul> | A Computer, Projector, Illustrator, Photoshop, required software. YouTube Link: https://www.youtube.com/watch?v=JbNsQhhq_hU YouTube Link: https://www.youtube.com/watch?v=pRV-_Zolx-U |
| | 36 (Theory class) | Quiz Test-4 | Examination Topic: Chapter 056& 07 Examination mark: 10 Passing Mark: 08 | After the exam Students will be able to: <ul><li>Knowing about image editing software Photoshop in detail.</li></ul> | A Computer, Projector, Illustrator, Photoshop, required software. Exam khata . |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | | | | |
| | 37 (Practical class) | **Chapter-07** Practice clipping and filtering of an Image at Photoshop | 7.1 Extract/ separate an image from its background. 7.2 Prepare different types of filter effect on image by using filter menu. | After the Class, Students will be able to: <br>• Learn how to extract an image and uses of filter menu. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/watch?v=QNNIc4RvlXc |
| | 38 (Practical class) | **Chapter-08** Prepare different types of commercial design. | 8.1 Prepare a design for commercial advertisement/banner of given requirements. | After the Class, Students will be able to: <br>• Learn about various types of commercial Design | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/watch?v=mJof0-TtO6c |
| | 39 (Theory class) | **Chapter-07** Understand the Image/Photo editing Software. | 7.3 Discuss main tool bar (marquee, move, lasso, magic, crop, stamp, erase, type, rectangle, Hand, zoom etc) of Photoshop. | After the Class, Students will be able to: <br>• Learning about different types of tool bar and menu bar of Photoshop. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: hhttps://www.youtube.com/watch?v=Ix4xxNI_UTI ttps://www.youtube.com/watch?v=3WKRCo4UQJY |
| | 40 (Practical class) | **Chapter-08** Prepare different types of commercial design. | 8.2 Prepare a design for business card, Logo. | After the Class, Students will be able to: <br>• Preparing business card & logo design. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/ |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
| | | | | | watch?v=mJof0-TtO6c |
| | 41 (Practical class) | **Chapter-08** Prepare different types of commercial design. | 8.3 Prepare a design for invitation card. | After the Class, Students will be able to: <br>• Learn how to prepare a design for invitation card. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/watch?v=mJof0-TtO6c |
| | 42 (Theory class) | **Chapter-07** Understand the Image/Photo editing Software. | 7.4 Discuss the file format, and printing procedure of Photoshop. | After the Class, Students will be able to: <br>• Learning about different types of tool bar and menu bar of Photoshop. | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: hhttps://www.youtube.com/watch?v=lx4xxNI_UTI ttps://www.youtube.com/watch?v=3WKRCo4UQJY |
| | 43 (Practical class) | **Chapter-08** Prepare different types of commercial design. | 8.4 Prepare a design for Brochure. | After the Class, Students will be able to: <br>• Learning about Brochure design | A Computer, Projector, Illustrator, Photoshop, required software. <br><br>YouTube Link: https://www.youtube.com/watch?v=mJof0-TtO6c |
| | 44 | | | | |

| Date | Lecture | Chapter/ Exam / Industrial Visit | Learning Area | Learning Outcome | Class/Lab Supporting Equipment's |
|---|---|---|---|---|---|
|  | (Practical class | **Model Test** | | | |
|  | 45 (Practical class | Presentation on 1st Architectural site visit. | **Make the students believe that they can be a great professional in their field and give them confidence.** | | **PC & Projector.** |
|  | 46 (Practical class) | **Review Class** Chapter 1 to chapter 8 | Regarding student problem. | After the Class, <br> • Students will be able to solve their subjective all problem. | A Computer, Projector, Illustrator, Photoshop, required software. |