

FREE HAND SKETCHING I

ENAR 105

Lecture : 2
Tutorial : 0
Practical : 3

Year : I
Part : I

Course Objectives:

To develop the ability to draw free hand lines, basic shapes and different forms using pencil, pencil colour, introduce colour theory and its application, and draw different compositions with rendering using pencil, pencil colour.

1 Introduction (4 hours)

- 1.1 Introduction of history of art and sketching (Drawing) with preference to architecture
- 1.2 Relevance of free hand sketching in architecture design
- 1.3 General knowledge of sketching materials such as pencil, ink pen, pencil colour, water colour, brush, paper, etc.
- 1.4 Basic principle of art and sketching - Formal, informal balance, rhythm, harmony, contrast, gradation, etc.
- 1.5 Demonstration of light, shade and shadow in sketching
- 1.6 Introduction of free hand perspective view – One point, two point, etc.

2 Elements (6 hours)

- 2.1 Introduction of point, line, plane, solid, form, etc.
- 2.2 Colour theory and its application – Colour wheel, scheme, etc.
- 2.3 Basic free hand exercise of pencil, pencil colour in line (Horizontal, vertical, inclined, curve, dash, zigzag, etc.)
- 2.4 Basic free hand exercise of pencil, pencil colour in tone (Light, middle, dark)
- 2.5 Free hand exercise of different simple geometrical 2D forms – Circle, square, rectangular, triangle, etc.
- 2.6 Free hand exercise of individual 3D forms - Sphere, cube, cuboids, pyramid, cone, cylinder, prism, etc.

3 Free Hand Practice of Basic Composition and Rendering (6 hours)

- 3.1 Rendering exercise with light, shade and shadow in sphere, cube, cuboids, pyramid, etc.
- 3.2 Composition of simple geometrical 2D forms – Triangle, circle, square, etc.
- 3.3 Composition of simple geometrical 3D forms – Cube, sphere, cuboids, etc.

- 4 Free Hand Practice of Still Life in Studio (8 hours)**
- 4.1 Free hand exercise – Simple natural objects (Fruits, vegetables, flower, etc.)
 - 4.2 Free hand exercise – Simple manmade objects (Cup, plate, book, box, etc.)
- 5 Free Hand Fast Sketching (6 hours)**
- 5.1 Fast sketching in perspective by using pencil and pencil colour – Trees, human figures, vehicles, furniture, etc.
 - 5.2 General practice of free hand perspective view – One point, two point, etc.

- Practical (45 hours)**
- 1. Free hand exercise of different lines and tone.
 - 2. Simple geometrical 2D forms – Circle, square, rectangular, triangle, etc. by using pencil
 - 3. Free hand exercise of different simple geometrical 3D forms – Sphere, cube, cuboids, pyramid, cone, cylinder, prism, etc. by using pencil and pencil colour
 - 4. Draw nature still life objects with lines and tones by using pencil and pencil colour
 - 5. Draw manmade still life objects with lines and tones by using pencil and pencil colour
 - 6. Fast sketching of trees, human figures, furnitures and vehicles by using pencil and pencil colour
 - 7. Exercise on types of perspective views (1 point and 2 point) by using pencil

Reference

- 1. Adarsh Enterprises. (2000). Easy to draw: Still life. New Delhi, India: Author.
- 2. Adarsh Enterprises. (2000). Easy to draw: Landscapes. New Delhi, India: Author.
- 3. Gray, P. (2013). The essentials of drawing. London, UK: Arcturus Publishing.
- 4. Ching, F.D.K. (2015). Architecture: Form, space, and order. Hoboken, NJ: Wiley.
- 5. Deasy, C. M. (1985). Designing places for people: A handbook on human behavior for architects, designers, and facility managers. New York, NY: Whitney Library of Design.
- 6. Sanders, M. (2009). Quick and clever drawing. Newton Abbot, UK: David & Charles.
- 7. Harrison, T. (2011). Country landscapes in watercolour. Kent, UK: Search Press.
- 8. Mulick, M. (2006). Perspective. Pune, India: Jyotsna Prakashan.