

Course name: PERSPECTIVE & SHADOW

Course code: ARCH 102

Course hours: Credit hours 2, Contact hours 3

Course Pre-requisites: None

Course Description

The course presents to student method of perspective drawing (convert two-dimensional vision or drawing into three-dimensional drawing and representation).

The purpose of this course also is to study the shadow of the point, the shadow of the lines, the shadow levels of the space and the objects, the shadows on the two-dimensional and three-dimensional building.

Course Main Objective

In this course, the students will be to:

- Learn how to draw and use different drawing tools.
- Learn how to draw a perspective with vanishing point and convert two-dimensional drawing into three-dimensional drawing.
- Able to architectural rendering of different type of perspective
- Able to perspective construction and artistic rendering elements for architectural drafting by using ink and color pencils...
- Able to shadows projection on two dimensions buildings, shade and shadows on three dimensions buildings.

Course Learning Outcomes

After the completion of this course, the students will be able to;

- The perspective drawing and convert two-dimensional drawing into three-dimensional)
- Draw shadow projection on buildings in two dimensions and three dimensions.
- Apply imagination skills to different architectural subjects in their different definition: two-dimensional drawing and three-dimensional appearance.
- Ability to reproduce architectural subjects by utilizing different means of perspective and shadow representation.

Course evaluation

- Quizzes, practical assignments
- Weekly/biweekly reviews
- Midterm examination
- Attendance
- Final examination

Course recommended books

- Claudius Coulin, (1971). Step-by-step Perspective Drawing: For Architects, Drafters and Designers.

Course References

- John Montague, (2010). Basic Perspective Drawing: A Visual Approach, Fifth Edition.
- Cleqver, D.G. Art an Introduction
- Mumford, L. Art and Techniques
- Ching, Francis D.K, 1996. Form, Space and Order
- Paul Laseau. Freehand sketching: An introduction
- Keith E. Hedges (by American Institute of Architects) . Architectural Graphic Standards, – Student Edition,