



Syllabus

ARC 105 Architectural Drawing

General Information

Date

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Department

Science and Technology

Course Prefix

ARC

Course Number

105

Course Title

Architectural Drawing

Course Information

Credit Hours

3

Lecture Contact Hours

2

Lab Contact Hours

4

Other Contact Hours

0

Catalog Description

Architectural Drawing provides an overview of the architectural profession with a focus on its primary medium of graphic presentations. This course is intended for Architectural Technology majors and students interested in drawing and the architectural profession. Architectural Drawing introduces the fundamental concepts related to sketching, drawing, and technical drafting. Topics that will be explored include drawing equipment, sketching, line weights, geometric constructions, orthographic, axonometric & isometric views, and perspectives. Students will create original work and study existing architectural works through sketching and the construction of diagrams, plans, and renderings. Additionally, students will gain an introductory understanding of the architectural profession including the path to licensure and the expectations of a graduate architect and that of a licensed professional. The class includes both lecture and laboratory time. Successful completion of this class will prepare students for ARC 106 Architectural Drawing in Digital Media.

Key Assessment

This course does not contain a Key Assessment for any programs

Prerequisites

None

Co-requisites

None

Grading Scheme

Letter

First Year Experience/Capstone Designation

This course is designated as satisfying the outcomes applicable for status as a
First Year Experience

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category
None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Vitality

Inquiry

Perseverance

Interconnectedness

Course Learning Outcomes

Course Learning Outcomes

1. Examine architect's responsibilities and define architectural design process.
2. Implement a variety of graphic presentation techniques including sketching, orthographic, paraline, perspective, etc.
3. Graphically express a three dimensional space through a two dimensional medium.
4. Present original drawings for critique.

Program Affiliation

This course is not required as a core course in a program

Outline of Topics Covered

About Drawing Overview

- Equipment
- Line weights and lettering
- Sketching and Drafting

Architecture

- Education
- Theory
- Practice

Sketching

- Techniques
- Perspective
- Shading and Rendering

Drafting

- Geometric Construction
- Orthographic Projections
- Lettering and Stencils

3d Drawings

- Paraline
- Axonometric
- Isometric

Architectural Drawings

- The Plan
- The Elevation
- The Section
- Details

Architectural Presentations:

- Formats and Expectations
- Compositions
- Collage