



Syllabus

ARC 242 Construction Management

General Information

Date

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Author

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Department

Science and Technology

Course Prefix

ARC

Course Number

242

Course Title

Construction Management

Course Information

Credit Hours

3

Lecture Contact Hours

3

Lab Contact Hours

0

Other Contact Hours

0

Catalog Description

ARC 242 Construction Management is intended for Architectural Technology majors and students interested in construction law and the architectural profession. This class provides an overview of principles and practices in the administration of a construction project. Topics include construction means and methods, contractual obligations, and the architect's role leading up to and throughout the construction of a project. The material covered in this class is presented in a lecture format.

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 DOES NOT satisfy the outcomes applicable for status as a FYE or Capstone.

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 the architects' role and responsibilities leading up to and throughout construction phase in order to distinguish the architects' role in construction from that of a contractor and owner.
2. Identify the life cycle of a building from its initial concept through design, bidding, construction, and use.
3. Differentiate the contractual relationships between owner, architect and contractor through analysis of typical AIA contracts.
4. Critically examine architectural works that have had a significant effect on the construction industry, architectural profession, or culture at large.

Program Affiliation

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

Outline of Topics Covered

Organizing and Leading the Construction Project

Project Chronology

- Feasibility Study
- Schematic Design
- Design Development
- Construction Documents
- Bidding and Procurement
- Construction
- Closeout

Project Delivery Methods

- Design Build
- Design Bid Build
- Construction Management

Estimating Project Costs

Construction Law

Construction Services During Design

- Contract Administration
- Site Visits

- Inspections

- Closeouts

Bidding Procurement

- Contracts

- Documents

- Drawings