ARC 4341, Design 4.1, 5 credits.

The first term of fourth year emphasizes accountability in terms of working from a theoretical position grounded in history and precedent and from the idea of the detail as a form determinant. The course includes an out-of-town trip to see examples of the work being studied.

The first term of fourth year emphasized accountability in terms of working from a theoretical position grounded in history and precedent and from the idea.

Course Goals & Objectives:

Student Performance Criterion/a addressed:

A.1 Communication Skills
Ability to read, write, speak and listen effectively.

B.10 Building Envelope Systems
Understanding of the basic principles involved in the appropriate application of building envelope systems and associated assemblies relative to fundamental performance, aesthetics, moisture transfer, durability, and energy and material resources.

B.11 Building Service Systems
Understanding of the basic principles and appropriate application and performance of building service systems such as plumbing, electrical, vertical transportation, security, and fire protection systems.

B. 12 Building Materials and Assemblies
Understanding of the basic principles utilized in the appropriate selection of construction materials, products, components, and assemblies, based on their inherent characteristics and performance, including their environmental impact and reuse.

Topical Outline:

Prerequisites:
ARC 3325 Design 3.2
ARC 3463 Materials and Methods of Construction

Textbooks/Learning Resources:
None

Offered:
Fall only; annually

Faculty assigned:
Robert Goodwin (F/T) Valerie Goodwin (F/T)
Roy Knight (F/T) Enn Ots (F/T)