

C O U R S E R E D E S I G N

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Assistant Professor

Course Information:

Department of Architectural Technology

ARCH 1130 Building Technology I

5-6 Sections / Semester

20-24 Students / Section

GENERAL EDUCATION SLO:

Acquire tools for lifelong learning- how to learn, how they learn, knowledge of resources.

This SLO will be incorporated through emphasis on knowledge organization, which will be presented in the syllabus and used repeatedly as a point of reference for the course content throughout the semester.

HIEPs:

Undergraduate Research will be the HIEP utilized as a tool to help the students develop their skills for lifelong learning.

Case study projects of national stature will be researched, documented, and analyzed to add to the scholarship on the subject building.

Open Digital Pedagogy on the OpenLab:

All course materials will be housed on the OpenLab for easy access and reference by both faculty and the students.

A project site will be established on the OpenLab for each case study building with student work uploaded along with reflections and discussions to document the process. The project site will have links to other key historical structures to contextualize the case study building. It will also include an annotated bibliography.

Place-Based Learning:

Typically two structures will be used as case study subjects that the students will visit, measure, and document in photographs and sketches.

Assessment:

A prior-knowledge exam (low-stacks) will be used to assess the students starting point with knowledge and knowledge organization in the discipline. The same exam will be administered 3/4 through the semester to measure progress in knowledge and knowledge organization.

Visual classification and sorting exercises will similarly be used to assess both knowledge and knowledge organization.

The students will also be assessed during discussions for participation and accurate recall as well as critical thinking on the discussion topics.

KNOWLEDGE ORGANIZATION BUILDING TECHNOLOGY I

