ARCH 574-Historic Preservation Studio Spring 2015
Instructor: Paul Hardin Kapp, Associate Professor
Project: Historic Preservation, detail+ FABRICATION
New Accommodation Facilities for the Fort Pulaski National Monument, Savannah, Georgia

Project Description:

This project offers students unique opportunities to learn traditional building and fabrication techniques, vernacular architecture, to design new buildings in a historically significant setting, and be introduced to the building and fabrication process in architecture. The project is to design a master plan, several temporary lodging facilities, and a kitchen/communal facility for volunteer workers at the Fort Pulaski National Monument (built, 1833), located on Cockspur Island, near Savannah, Georgia.

Working in conjunction with one of the countries leading preservation trades programs, Savannah Technical College, students in this studio will first develop a schematic design for the project, then manage their designs through construction documentation, which will lead to full-scale building mock-ups of key components of their design. Project realization will occur through on-site and virtual communication with an active client, the U.S. National Park Service, and drafting and historic preservation trades students from Savannah Tech.

In this studio, students will learn and experience the following:

- Analyze the vernacular architecture of the Georgia Low Country.
- Understand how to design new buildings that incorporate traditional building techniques in a historically significant setting.
- Participate in a weeklong workshop and site visit in Savannah, GA and Cockspur Island in early February. The hands-on workshop will introduce students to timber framing, tabby construction, stone cutting and masonry, and window fabrication.
- Learn how to convey design intent and manage construction documentation and fabrication.