

ARCH 449/549 Architectural Programming Workshop

3 credits - Fall 2009 Thursday 9:00am-11:50am

Room WS 150/152

Description: This course covers comprehensive architectural pre-design. The course consists of presentations, workshops, guest lectures and site visits. The workshop learning experience is active and interactive. Student learning here is individual as well as a group effort and team effort, and requires regular and very active participation. This course requires publication of all final work to the University of Oregon open source, open access, web-based institutional repository, Scholars' Bank. Publication will allow for the City of Gresham to review work at leisure, students in Eugene to access documents and for the work product to be predominantly paperless.

The Fall 2009 class will be participating in the Sustainable City Initiative focusing on the City of Gresham. Our class will be developing the Architectural Program report for a Winter term Eugene-based studio for a new Gresham City Hall. The class will have some Winter term overlap opportunities for students who choose to remain engaged with the process after the programs are published. One Saturday Workshop will be included in the class requirements for October 24 and attendance at one City of Gresham public meeting (time to be determined).

This course is built around investigation of how **values** guide programmatic decisions, **research** supports those decisions and **design** brings those values to life in our built environment. The application of this idea will happen at a master planning (site planning) scale and at a building planning scale.

Educational Objectives:

Students will learn various perspectives of programming theory and will develop programs. They will participate in groups to research and present two kinds of programs at two programming workshops. A final program research element will be completed individually. Students will learn about the following programmatic considerations in development of a simplified program during the group workshops.

- Cultural: architecture expressing ideas/theories
- Temporal: spatial relationships over time
- Human: built environment and human interactions
- Contextual: cultural and site context
- Aesthetic: form/space generators and expression
- Environmental: climatic design
- Technological: assemblies, detailing, materials
- Safety: local zoning and building code
- Economic: implications of program choices