

Number and Title of Course:

ARCH 4001 Community Design Assistance Center- Management, 3 credits

Course Description:

This Course is a continuation of ARCH 3001. The Community Design Assistance Center is the outreach arm of the Architecture program. Focusing on projects within the small city context, student interns take on project leadership roles in design and planning assistance for non-profit community organizations and groups.

Course Goals:

- To introduce the professional practice of design through a co-op experience.
- To respond to community needs through design.
- To apply the principles of design and planning to actual projects.

Course Objectives:

Upon completion of the semester, students should:

Explain the fundamentals of the designer client relationship.

- Conceptual Design, Design Presentation, Client Coordination.
 - *These principles are explored through: Design Development of community projects*

Be able to demonstrate architectural ideas through conventional two-dimensional media, computer graphics.

- Representation of the client's needs and vision as developed through the design process.
 - *2-D representation is typically through line drawings. Computer Graphics might be used to*
 - *enhance, explore and compose various media into a unified presentation.*
 - *3-D computer modeling is used to approach a sense of realism in the structure.*

Design presentation materials for community projects

- Materials used to convey design ideas to various audiences.
 - *Presentations are developed using various analog and digital media.*

Apply fundamental project team leadership skills

- Communicate design ideas and scope to project design team members
 - *These skills are developed through coordinating project team meetings and workflows.*

Topical Outline:

Client and Project Coordination (25%) Project Management (25%)
Artifact Production (50%)

Prerequisites:

Instructor Approval, ARCH 3001

Textbooks/Learning Resources:

As needed – On reserve

Offered:

Fall/Spring, Annually

Faculty Assigned:

Philip M Freeman, AIA, NCARB, Associate Professor of Architecture