SRED 6310-01: Sustainable Design and Planning

Fall 2014

M/W 9:30 – 11:45

Instructors
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Course Objectives

This course provides students with applied skills and experience in synthesizing real estate projects. It builds upon student’s introductory coursework in real estate finance, sustainable urbanism, and architecture and design. As prospective developers, students should begin to have firsthand knowledge of the complexities of development including the development process itself; good design; and synthesizing constraints into an implementable physical development project. This course is rooted in the creative process as real estate development is inherently a creative problem solving profession.

As real estate development is a team-based profession requiring the collaboration of multiple disciplines, the approach of this course is based in lectures and site visits leading to innovative team-based student work that results in an implementable development project. Each member of the team will contribute something unique to the groups work.

Learning Outcomes
1. Develop project program and scope
2. Practice the fundamentals of the design process for real estate development projects
3. Develop finance scheme for development project
4. Synthesize and articulate perceived challenges into project opportunities
5. Further develop professional multi-sector team work capacity

Format

The format for the course is lecture and learn by doing. In a series of assignments, students will be challenged with development issues that they must respond to. These issues include:
1. Project Finance
2. Development Program
3. Project Site and surrounding context
4. Project Design

Each assignment represents the progression of the course culminating in Assignment 3 (Final Project). The assignments will be followed by lectures, discussions, and site visits with invited real estate professionals as guests.
Final grades for the course will be based on the following:

- Class participation and “teamwork” 25%
- Assignment 1 25%
- Assignment 2 25%
- Assignment 3 – Final Project 40%

As much of this course is assignment-based in teams, every student is expected to attend every class. If there are extenuating circumstances that will prevent you from attending a session, please contact the course instructors. As a group work, applied practice course, failure to attend classes regularly will severely impact the ability to succeed in the course. Each student will be required to prepare a self-evaluation, and to evaluate the contribution of other members of their team at the completion of Assignment 3 – Final Project.