

## **MUSEUM OF MODERN ARCHITECTURE AND DESIGN**

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### **STUDIO SYLLABUS**

ARCH 485/585 and ARCH 486/586 Virginia Cartwright  
Winter & Spring 2017

### **CATALOGUE DESCRIPTION:**

Design to expand perception and response to issues in architectural design. Design as exploration of fundamental theoretical ideas. Studio projects require comprehensiveness and integrative study.

### **CREDITS:** 8

### **PREREQUISITE(S):**

Successful completion of all 484 and 584 studios.

### **GENERAL DESCRIPTION:**

The primary focus of ARCH 485/585 Architectural Design will be the continued development of a student's understanding of the 'Whys', 'Hows' and 'Whats' of architectural and urban design, specifically:

1. The 'Whys': Careful and considered Architectural and Urban Design enhance the environment of our cities, buildings, landscapes, and therefore human life. Through deliberate choice of spaces, forms and materials, buildings can be developed that repair and reinforce the urban fabric; create a stage for human interaction; conserve our resources; and, become meaningful parts of the lives of both the immediate inhabitants and those in the future.
2. The 'Hows': Architectural Design Process and Criticism: Emphasis will be placed upon the development of a clear and consistent architectural design process. This will be achieved by way of design exercises, research, typological studies, analysis, transformations, organizational strategies, and specific development studies of the buildings and public spaces. Physical models, hand drawings, and computer modeling will be used to accomplish these investigations.
3. The 'Whats': Form, Space and Representation: Emphasis will be placed upon the development of specific architectural form and urban space through the use of architectural elements, archetypes, spatial organizational strategies, compositions, ordering principles, typology, scale, proportion, massing, and color. Translation of information obtained in preliminary research phases into developed architectural design form will be critical. Final products will represent a refinement of architectural and urban form by construction materials and building systems into quality architecture that convey authentic architectural design ideas, values, and intentions.

### **GENERAL OVERVIEW:**

As an introduction to the critical issues (e.g., urban context, environmental responsibility, sense of place) this course will focus on the design of a museum for the exhibit and archiving of material relating to architecture and design from the late 19th through contemporary architecture and design. More generally the goal of the studio is to examine the architectural potential of this building type for the renewal of the contemporary city while giving identity to the community and acting as catalyst for positive urban change.

### **INSTRUCTIONAL OBJECTIVES:**

To provide a studio in which students can refine their understanding of elements, processes, and methodologies which lead to comprehensive and integrative design as the final comprehensive project for one's academic career at the University of Oregon. A great deal of emphasis will be placed on design process.

Students completing the course are expected to achieve the following:

Awareness of: the architectural and urban design implications of designing buildings in a critical historic urban location.

Understanding of: the major ideas, principles and values associated with building in a site in Brooklyn, New York; specifically developing an architectural (e.g., structural, mechanical, programmatic, aesthetic, economic, material, technical, and legal) and urban/site (e.g., contextual, massing, height, relationship to the landscape) factors in the design of meaningful building developments.

Ability to: develop and demonstrate a clear and consistent architectural design process as well as a formal and technical vocabulary (including urban elements, ordering systems, precedents, and methods) which can be synthesized into a comprehensive, meaningful, and aesthetically appropriate building or set of buildings; synthesize design intentions into meaningful form and space; respond to rigorous self, peer, and faculty criticism; and demonstrate a high level of architectural presentation skills, both verbal and visual.

Regarding the project, the desired outcomes and project objectives are as follows:

- Develop a design concept and specific architectural solution with drawings that include site plan, building plans, sections and elevations including perspectives both exterior and interior.
- Prepare an urban design framework to include design principles and guidelines
- Identify strategies for the design of a building/s that engage the landscape of an urban neighborhood, and respond to the built context.

#### **INSTRUCTIONAL METHODOLOGY:**

The course is organized as an interactive studio, requiring both student and critic participation in readings, discussions, architectural analyses, reviews of student design work, and other group activities. Students are expected to participate fully in all aspects of the course. The studio begins with a series of short analytical exercises as a prelude to the term design project.

#### **ATTENDANCE POLICY:**

The class will meet MWF from 1:00-4:50 P.M. in our assigned studio in Lawrence Hall and at other times and locations with prior arrangement and approval, to include possible site visits in Eugene, Portland or other cities nearby. Attendance at all classes is mandatory. Repeated unexcused absences or tardiness will not be tolerated. Note that other courses or functions that have arranged a special meeting time or field trip that conflict with the scheduled meeting time of this course must receive prior written approval from the instructor to allow an excused absence.

#### **COURSE REQUIREMENTS:**

The course work will be done in groups, as well as individually. There will be in class pin ups and a midterm review each term, in addition to the final reviews scheduled by the Architecture Department Office. On completion of the course, each student will be required to submit a complete set of digital images documenting analytical studies, final presentation drawings and models, and other relevant work for each phase completed in this studio. All original drawings and models completed as course requirements are the property of the Department of Architecture as established by faculty policy and may be retained permanently by the department. In anticipation of compiling a class notebook documenting the work performed in the studio, there will be some agreed-upon common formats for presentation.

#### **REFERENCES:**

See separate handout.

#### **SCHEDULE:**

See attached schedule.

#### **GRADING POLICY:**

Performance in ARCH 485/585 & 486/586 will be graded on a pass/no pass basis only, as is the norm in the Department of Architecture. Grading will be the exclusive prerogative of the instructor based on design process, attitude, improvement, attendance, involvement, and product communication at both the preliminary and final design phases. Student work will be evaluated for achievement in all areas listed in the Department of Architecture's studio evaluation form. In addition, students will be expected to achieve better than satisfactory performance in the following areas:

- analysis of precedents, site, and program
- understanding the essence / uniqueness of the project
- the development of meaningful and appropriate intentions
- the translation of intentions into a sound concept
- the resolution and synthesis of all components of the project

The ability to communicate (i.e., in written, verbal, model making, drawings, and other means) your design intentions will be critically important to all students enrolled in this course. All work will be expected to be of professional quality. Late projects will not be accepted. A deferred grade will be given only in accordance with the rules and regulations of the University. It will not be given for incomplete projects.

**DISABLED STUDENTS:**

If you have a documented disability and anticipate needing accommodations in this course, please see the instructor(s) as soon as possible. Please supply a letter from the University Counselor for Students with Disabilities verifying your disability.

**ACADEMIC HONESTY:**

Students should be familiar with University policies related to academic integrity and consequences for dishonest conduct. All work performed in this class should be your own and any sources should be referenced.

**INSTRUCTOR:**

Virginia Cartwright      541.346.0863      322 Lawrence      Tuesday 2:00-4:00      vcart@uoregon.edu