CRP 5560 | Creating the Built Environment

Syllabus

Instructor
Dr. Suzanne Lanyi Charles
Assistant Professor
City and Regional Planning/Baker Program in Real Estate
Office: Sibley Hall 107
Email: scharles@cornell.edu
Office Hours: Monday/Wednesday, 10:00 – 11:30

Logistics
Date/Time: 7-week course
Monday/Wednesday, 8:40 – 9:55
Location: Sibley Hall B10
Credit Hours: 1.5
TA: Malini Roy
mr956@cornell.edu

Course Description
City planners and real estate professionals play a vital role in creating the built environment. Understanding the physical form of real estate, and the rules that govern that form, is critically important if one is to meaningfully engage in the practice of real estate development. In this course, we will examine in detail the physical form of the built environment, and students will gain an understanding of the principles and organizing strategies that underlie it. We will examine building typologies for different building types: residential, office, hotel, retail, and mixed-use. Students will exit this course with a deeper understanding of why the built environment takes the shape it does as well as the limitations and opportunities for innovation. The course will culminate in the creation of a building typology reference book, which will be a compilation of all students’ final projects for the course.

Course Objectives
• To introduce students to the organizing principles of different types of buildings;
• To enable students to better conceptualize the potential physical form of real estate developments;
• To introduce students to current issues faced by professionals engaged in the design of the built environment;
• To encourage students to actively investigate the physical form of buildings in their environment;
• To arm students with knowledge that will enable them to better communicate with design professionals and engage in the design of the built environment;
• To prepare students to contribute more meaningfully to their capstone projects and competitions, such as those for the ULI/Hines Urban Design Competition.

Grades
Participation and Sketchbook (20%)
Active, engaged participation in class is required. Students’ participation grades will reflect attendance, engagement in class discussions and with guest lecturers, and the quality of contributions to the class discussion. Additionally, students are required to maintain a sketchbook in which they document their work on the weekly assignments.
Weekly Assignments (50%)
There will be a series of five weekly assignments, each worth 10% of the course grade. For the first five short assignments, students are asked to investigate and draw a local example of the building type that we are discussing that week. Students’ assignments are due at the beginning of class and will form the basis for class discussion.

Final Project (30%)
Students are tasked with the investigation of a particular building, located anywhere in the world, in greater depth than the weekly assignments. Students will prepare a report and fill in a two-page template for inclusion in the class building typology reference book.

Software
This course is not designed explicitly to teach you how to use CAD software; however, you will find several CAD software packages very useful for your weekly assignments and the final project. In particular you will find SketchUp and AutoCAD to be most useful. SketchUp and AutoCAD tutorials will be held at the beginning of the semester to get you started, but students are expected to continue to refine their CAD skills on their own throughout the semester.

Free versions of both software packages may be accessed at the following websites:
AutoCAD:  http://students.autodesk.com/?nd=download_center
SketchUp:  http://www.sketchup.com

Course Website
The course Blackboard site will be the central point of information for the class. Check the site weekly for announcements changes to the schedule, readings, resources, and assignments.

Administration
This is a short seven-week course; therefore, every class meeting is important. On-time attendance at every class is mandatory, and absences will affect your grade. For each class you miss, 10% will be deducted from your class participation grade. In the event of an illness or emergency, students must send an email in advance explaining the reason for the absence to scharles@cornell.edu.

Assignments must be completed prior to the class for which they are assigned. Assignments turned in or presented late will be marked down 20%. After one week, assignments will only be accepted under extenuating circumstances, at the discretion of the instructor.

No open laptops in class (unless specifically authorized for class-related use). Turn all cell phones off (or “airplane mode”).

Academic Integrity
Real estate professionals must communicate with integrity. All students must be aware of and follow these guidelines in their work. If a situation is unclear, students should seek guidance from the instructor. Please review the Cornell’s Code of Academic Integrity (see http://cuinfo.cornell.edu/aic.cfm)

Accommodation
If you have a disability-related need for reasonable academic adjustments in this course, please provide an accommodation notification letter from Student Disability Services as soon as possible. A notification letter should be provided within the first two weeks of the semester or from the occurrence of an injury or illness. If you have not done so already, you should meet with Student Disability Services for disability verification and determination of reasonable accommodations.
Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Due</th>
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<tbody>
<tr>
<td>1</td>
<td>26-Aug</td>
<td>Introduction</td>
<td></td>
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<tr>
<td>2</td>
<td>31-Aug</td>
<td>AutoCAD and InDesign Tutorials</td>
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<td></td>
<td>2-Sep</td>
<td>Residential Building Types</td>
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<td>3</td>
<td>7-Sep</td>
<td>NO CLASS--LABOR DAY</td>
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<td></td>
<td>9-Sep</td>
<td>Guest Speaker: Tamara Roy, Principal, ADD inc., Boston</td>
<td>Assignment 1: Residential</td>
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<td>4</td>
<td>14-Sep</td>
<td>Retail Building Types</td>
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<td>16-Sep</td>
<td>Hospitality Building Types</td>
<td>Assignment 2: Retail</td>
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<td>5</td>
<td>21-Sep</td>
<td>Guest Speaker: Kathleen Jordan, Principal, Retail Practice Leader, Gensler, New York</td>
<td>Assignment 3: Hospitality</td>
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<td>23-Sep</td>
<td>Guest Speaker: Steve Upchurch, Principal, Hospitality Practice Leader, Gensler, Los Angeles</td>
<td>Assignment 4: Office</td>
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<td>6</td>
<td>28-Sep</td>
<td>Office Building Types</td>
<td>Assignment 5: Mixed-Use</td>
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<td>30-Sep</td>
<td>Guest: Tom Vecchione, Principal, Consulting Practice Area Leader, Gensler, New York</td>
<td>Assignment 5: Mixed-Use</td>
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<td>7</td>
<td>5-Oct</td>
<td>Mixed-Use Building Types</td>
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<td></td>
<td>7-Oct</td>
<td>Course Wrap-Up</td>
<td>Assignment 5: Mixed-Use</td>
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