

# EEM 220 Theory of Architectural Planning I

3rd and 4th quarters, Sophomore

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<b>Instructor</b>	HARADA YOKO
<b>Style of Class</b>	Lecture
<b>Number of Credits</b>	2
<b>Day and Period</b>	Monday, period 2

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## Course Description

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The study of architectural planning in Japan has developed against the backdrop of housing provision in response to the sudden population increase in major cities after WW II. Up until now, architectural planning and architectural design consisted of research and design focused primarily on the area within the site, single buildings, and the interior of housing such as layout, from a planner- and architect-oriented perspective.

However, considering the degradation of cities which will result from the expected sharp population decline, the role of architectural planning should not be limited to an individual building or planned site or planning of a new building. Rather, it should incorporate the implementation of renovations in existing buildings, using vacant lots and houses, designing outdoor spaces around buildings, harmonization with the surrounding environment, design that takes into account function, use, and user experience, and planning and design in collaboration with residents and users.

In this course students will consider architectural planning holistically, not only in terms of individual buildings or planned sites, but taking into account the times, societal context, location, and surrounding environment, with the aim of fostering the skills to plan and design buildings and their surrounding environments from both structural and usability perspectives.

## Course Objectives

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Students will:

- (1) gain a grasp of the diversity of architectural planning efforts, such as housing and living environment planning, and how such efforts have changed
- (2) acquire an understanding of the importance of planning in collaboration with residents and users, utilizing existing buildings, planning taking time into consideration, and the relationship between buildings and their surrounding environment
- (3) examine topics in architectural planning that should be considered for the future

## Prerequisites

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None in particular.

## Class Materials

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In lieu of a textbook, reference materials will be passed out to students in class as needed.

## Course Method

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Each lecture, the instructor will explain key views and ideas in architectural planning using slides of specific examples.

Students will also take field trips and be required to write reports of the trips and other topics. The course will focus on examining issues through the use of specific examples.

## Evaluation/Assessment

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Students will be graded based on reports, assignments, and tests.

## Grading

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50% assignments and reports

50% tests

## Course Schedule

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### **Week 1:**

#### **Planning and design of housing and residential districts (1)—changes in housing, residential districts, and living styles**

This lecture will provide an overview of changes in housing, residential districts, and living styles in Japan.

### **Week 2:**

#### **Planning and design of housing and residential districts (2)—localness and placeness of housing**

This lecture will provide an overview of localness and placeness of housing in Japan.

### **Week 3:**

#### **Planning and design of housing and residential districts—individuality, diversity, and territorialization of housing**

This lecture will provide an overview of individuality, diversity, and territorialization of housing in Japan.

### **Week 4:**

#### **Planning and design of housing complexes (1)—forms of living together, common use spaces, community**

This lecture will introduce concepts and specific examples of forms of living together, common use spaces, and community in housing complexes.

### **Week 5:**

#### **Planning and design of housing complexes (2)— planning large-scale housing developments and “new towns”**

This lecture will introduce concepts and specific examples of planning large-scale housing developments and new towns.

### **Week 6:**

#### **Planning and design of housing complexes (3)—renovation of suburban public and corporate apartment complexes**

This lecture will introduce leading examples of renovating suburban public and corporate apartment complexes within and outside Japan, and their current state and challenges.

### **Week 7:**

#### **Planning and design of housing complexes (4)—cooperative houses and collective housing**

This lecture will introduce concepts and specific examples of cooperative houses and collective housing.

### **Week 8:**

#### **Current conditions and renovation methods of urban and living environments in rural cities**

This lecture will introduce concepts related to current conditions and renovation methods of urban and living environments in rural cities, and specific examples of efforts such as leading examples of using underutilized and unused land in city centers in Fukui and across Japan.

### **Week 9:**

### **Planning and design of exhibition spaces and libraries**

This lecture will introduce concepts and leading examples of planning and design of exhibition spaces and libraries within and outside Japan.

### **Week 10:**

#### **Planning and design of lodging and medical facilities**

This lecture will introduce concepts and leading examples of planning and design of lodging and medical facilities within and outside Japan.

### **Week 11:**

#### **Planning and design in collaboration with users**

This lecture will introduce concepts and leading examples of planning and design in collaboration with users within and outside Japan.

### **Week 12:**

#### **Planning and design utilizing existing buildings**

This lecture will introduce concepts and leading examples of planning and design utilizing existing buildings within and outside Japan.

### **Week 13:**

#### **Planning and design taking into account changes in time**

This lecture will introduce concepts and leading examples of planning and design that takes into account changes in time within and outside Japan.

### **Week 14:**

#### **Landscape design and the relationship between buildings and their surrounding environment**

This lecture will introduce concepts and leading examples of landscape design and the relationship between buildings and their surrounding environment within and outside Japan.

### **Week 15:**

#### **Review**

The final class meeting will consist of a review of the previous lessons and confirm key points covered in the lessons.

### **Preparation and Follow-up**

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1. The slides used for each lesson will be available for download in PDF format at the URL provided in advance by the instructor. Please take a look at the slides before each lecture.
2. Each class meeting, you will be assigned a short report and given a sheet of questions to help them review the topics covered in the lecture. You will also be required to write reports on the field trips related to the topics covered in the lectures. After each class meeting, review the topics covered in the lecture and the handouts to help deepen your understanding.