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教科書
Text Books
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<td>春学期集中 単位 演 2</td>
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(1) Acquisition of social awareness and a broad perspective.
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(3) Acquisition of technical and design expertise.
(4) Acquisition of expertise in architecture (general as well as specialized knowledge bases).
(5) Acquisition of applied ability of technical knowledge.

5 criteria above are weighed evenly and the grade is determined accordingly.

その他
Others
〈Correspondence to Study/Education Goals of the Department〉
This is a requisite course and comprehensively covers multiple learning objectives as follows:
(H) Social Awareness and a Broad Perspective
(I) Ethics and Conceptual Ability
(J) Technical and Design Expertise
(K) Expertise in Architecture (general as well as specialized knowledge bases)
(L) Applied Ability of Technical Knowledge.

〈Office Hours〉
on Tuesdays 12:10~13:00
@ Nakano Campus 7th floor instructors’ room
e-mail: ystk@ysmr.com
授業の概要・到達目標
Course Summary & Learning Objectives

〈Learning Objectives〉
Based on the knowledge acquired through researches and studies, students propose specific physical environment design and acquire practical strength in architectural and urban design through Architecture and Urban Design Studies 1, 2, 3 and 4.

Specific Objectives
(1) Acquire social awareness and a broad perspective.
(2) Acquire ethics and conceptual ability.
(3) Acquire technical and design expertise.
(4) Acquire expertise in architecture (general as well as specialized knowledge bases).
(5) Acquire applied ability of technical knowledge.

〈Course Summary〉
Each student shall decide research and study theme through the consultation with an advisor.
Each student shall implement the research and study under the supervision of the advisor.
Each student shall report and present the ongoing research and study to the advisor regularly and discuss.
Each student shall summarize the knowledge acquired through the research and study and present it in the final review session.

授業内容
Session Topics
1st week: Guidance for the 1st~15th weeks
2nd week: Presentation and Discussion
3rd week: Presentation and Discussion
4th week: Presentation and Discussion
5th week: Presentation and Discussion
6th week: Presentation and Discussion
7th week: Interim Presentation and Review
8th week: Presentation and Discussion
9th week: Presentation and Discussion
10th week: Presentation and Discussion
11th week: Presentation and Discussion
12th week: Presentation and Discussion
13th week: Presentation and Discussion
14th week: Final Presentation and Review
15th week: Summary

履修上の注意・準備学習の内容
Note to Registrants
According to the predetermined schedule, students shall give presentations regarding ongoing studies every week.
All instructions shall be conducted in English.

教科書
Text Books
Nothing in particular

参考書
References
Nothing in particular
授業の概要・到達目標
Course Summary & Learning Objectives
〈Learning Objectives〉
Based on the knowledge acquired through researches and studies, students propose specific physical environment design and acquire practical strength in architectural and urban design through Architecture and Urban Design Studies 1, 2, 3 and 4.
Specific Objectives
(1) Acquire social awareness and a broad perspective.
(2) Acquire ethics and conceptual ability.
(3) Acquire technical and design expertise.
(4) Acquire expertise in architecture (general as well as specialized knowledge bases).
(5) Acquire applied ability of technical knowledge.
〈Course Summary〉
・Each student shall decide research and study theme through the consultation with an advisor.
・Each student shall implement the research and study under the supervision of the advisor.
・Each student shall report and present the ongoing research and study to the advisor regularly and discuss.
・Each student shall summarize the knowledge acquired through the research and study and present it in the final review session.

授業内容
Session Topics
1st week: Guidance for the 1st~15th weeks
2nd week: Presentation and Discussion
3rd week: Presentation and Discussion
4th week: Presentation and Discussion
5th week: Presentation and Discussion
6th week: Presentation and Discussion
7th week: Interim Presentation and Review
8th week: Presentation and Discussion
9th week: Presentation and Discussion
10th week: Presentation and Discussion
11th week: Presentation and Discussion
12th week: Presentation and Discussion
13th week: Presentation and Discussion
14th week: Final Presentation and Review
15th week: Summary

履修上の注意・準備学習の内容
Note to Registrants
According to the predetermined schedule, students shall give presentations regarding ongoing studies every week.
All instructions shall be conducted in English.

教科書
Text Books
Nothing in particular

参考書
References
Nothing in particular

成績評価の方法
Evaluation Criteria
The grade is determined by the total evaluation of interim presentation (50%) and the final presentation (50%). A minimum of 60% accomplishment is required for earning credits.
Criteria for evaluation are:
(1) Acquisition of social awareness and a broad perspective.
(2) Acquisition of ethics and conceptual ability.
(3) Acquisition of technical and design expertise.
(4) Acquisition of expertise in architecture (general as well as specialized knowledge bases).
(5) Acquisition of applied ability of technical knowledge.
5 criteria above are weighed evenly and the grade is determined accordingly.

その他
Others
〈Correspondence to Study/Education Goals of the Department〉
This is a requisite course and comprehensively covers multiple learning objectives as follows:
(H) Social Awareness and a Broad Perspective
(I) Ethics and Conceptual Ability
(J) Technical and Design Expertise
(K) Expertise in Architecture (general as well as specialized knowledge bases)
(L) Applied Ability of Technical Knowledge.
〈Office Hours〉
on Tuesdays 12：10–13：00
@ Nakano Campus 7th floor instructors’ room
e-mail: ystk@ysmr.com
授業の概要・到達目標
〈Course Summary & Learning Objectives〉
To acquire practical ability in architectural and urban design.
Specific Objectives
(1) Acquire communication and coordination abilities.
(2) Acquire international ability.
〈Course Summary〉
・Studies and practical trainings in architectural and urban design that students implement independently.
・Studies and practical trainings involve international workshops in general.
・Students who will register for this course are required to state the subject of study or training in advance and obtain instructor’s approval.
・This course consists of independent study or training and a written report and presentation.

授業内容
Class Subjects
1. Guidance
   The instructor explains the details of registration and course procedure.
2. Application for registration
   Each student who will register for this course states the subject of study or training and obtain instructor’s approval.
3. Implementation of Study or Training
   Each student implements study or training independently according to the submitted application.
4. Report Submission and Presentation
   Each student submits a proposal or a written report by a specified date and gives a presentation regarding the study or training.

履修上の注意・準備学習の内容
Note to Registrants
・Students who register for this course are required to attend the guidance.
・Each student who practices extramural practice is required to submit an application for extramural practice in advance and buy insurance.
・International workshops shall be conducted in English.

教科書
Text Books
Nothing in particular

参考書
References
Nothing in particular

成績評価の方法
Grade Evaluation
The grade is determined by the total evaluation of proposal or written report (50%) and the presentation (50%). A minimum of 60% accomplishment is required for earning credits.
Criteria for evaluation are:
(1) The acquisition of communication and coordination abilities.
(2) The acquisition of international ability.
2 criteria above are weighed evenly and the grade is determined accordingly.

その他
Others
〈Correspondence to Study/Education Goals of the Department〉
This is an elective course and covers learning objectives as follows:
(M) Communication and Coordination Abilities
(N) International Ability.
〈Office Hours〉
on Tuesdays 12:10-13:00
@ Nakano Campus 7th floor instructors’ room
e-mail: hirosas@meiji.ac.jp
授業の概要・到達目標
〈Course Summary & Learning Objectives〉
To acquire practical ability in architectural and urban design.
Specific Objectives
(1) Acquire communication and coordination abilities.
(2) Acquire international ability.
〈Course Summary〉
・Studies and practical trainings in architectural and urban design that students implement independently.
・Studies and practical trainings involve international workshops in general.
・Students who will register for this course are required to state the subject of study or training in advance and obtain instructor’s approval.
・This course consists of independent study or training and a written report and presentation.

授業内容
Class Subjects
1. Guidance
   The instructor explains the details of registration and course procedure.
2. Application for registration
   Each student who will register for this course states the subject of study or training and obtain instructor’s approval.
3. Implementation of Study or Training
   Each student implements study or training independently according to the submitted application.
4. Report Submission and Presentation
   Each student submits a proposal or a written report by a specified date and gives a presentation regarding the study or training.

履修上の注意・準備学習の内容
Note to Registrants
・Students who register for this course are required to attend the guidance.
・Each student who practices extramural practice is required to submit an application for extramural practice in advance and buy insurance.
・International workshops shall be conducted in English.

教科書
Text Books
Nothing in particular

参考書
References
Nothing in particular

成績評価の方法
Grade Evaluation
The grade is determined by the total evaluation of proposal or written report (50%) and the presentation (50%). A minimum of 60% accomplishment is required for earning credits.
Criteria for evaluation are:
(1) The acquisition of communication and coordination abilities.
(2) The acquisition of international ability.
2 criteria above are weighed evenly and the grade is determined accordingly.

その他
Others
〈Correspondence to Study/Education Goals of the Department〉
This is an elective course and covers learning objectives as follows:
(M) Communication and Coordination Abilities
(N) International Ability.
〈Office Hours〉
on Tuesdays 12:10–13:00
@ Nakano Campus 7th floor instructors’ room
e-mail: hirosas@meiji.ac.jp
授業の概要・到達目標

〈Course Category〉 Internship in the University

〈Learning Objectives〉
・Acquire advanced skills of planning and expression necessary for building design through specific building designers.
・Acquire advanced skills of district design through design practices of district consisting of multiple buildings and public spaces.
・Through specific building design practices learn provisions of the Building Standard Law necessary for building design practice.
・Through specific building design practices acquire drawing skills at the levels of basic design, schematic design, and detailed design.
・Implement practical training in structural design and equipment planning in addition to building design and planning.

Specific Objectives
(1) Acquire social awareness and a broad perspective as an architect or urban designer.
(2) Acquire ethics and conceptual ability as an architect or urban designer.
(3) Acquire technical and design expertise on architectural and urban design.
(4) Acquire expertise in architecture and urban design.
(5) Acquire applied ability of technical knowledge on architecture and urban design.
(6) Acquire communication and coordination abilities necessary for architects and urban designers.
(7) Acquire international ability for architects and urban designers.

〈Course Summary〉
・Experts on structural design and environmental design in addition to experts on building design instruct the studio.
・Invite extramural practitioners to review sessions to introduce social, safety and design aspects of high quality.
・All instructors in charge are qualified architects and practitioners.

授業内容
Session Topics
[1st Session] Guidance
(1) Guidance, Briefing regarding Course Assignment and Focused Area
(2) Grouping
[2nd Session] Field Work
(1) Field Work/Field Survey
(2) Understand characteristics of focused area
[3rd Session] Information Gathering regarding Focused Area
(1) Research on history, topography, demographics, existing development etc.
(2) Research on related regulations

[4th & 5th Sessions] Desk-Crit: Existing Condition Analysis
(1) Focused Area Characteristics
(2) Issues & Opportunities

[6th Session] Review (1): Existing Condition Analysis
(1) Focused Area Characteristics
(2) Issues & Opportunities

[7th, 8th & 9th Sessions] Desk-Crit
(1) Vision
(2) Development Concept

[10th Session] Review (2): Vision & Development Concept
(1) Vision
(2) Development Concept

[11th, 12th, 13th & 14th Sessions] Desk-Crit
(1) Envisioned Future

※review by extramural experts
(1) Vision
(2) Development Concept
(3) Envisioned Future

[16th Session] Desk-Crit
(1) Architectural Program
(2) Volume Study/Spatial Framework
(3) Regulatory Conditions and Forms

[17th Session] Case Study
(1) Research Reference Project

[18th Session] Review (3) Case Study
(1) Reference Project

[19th & 20th Sessions] Desk-Crit
(1) Basic Design
(2) Structural Planning/Environmental Planning

[21st & 22nd Sessions] Desk-Crit
(1) Plans, Elevations, Sections
(2) Structural Planning/Environmental Planning

[23rd Session] Review (4) Architectural Design
(1) Plans, Elevations, Sections
(2) Structural Planning/Environmental Planning

[24th & 25th Sessions] Desk-Crit
(1) Detailed Plans, Detailed Sections
(2) Structural Planning, Environmental Planning, Equipment Planning
(3) Regulatory Compatibility

[26th & 27th Sessions] Desk-Crit
(1) Detailed Design

※review by extramural experts
(1) Concept
(2) Basic Design
(3) Detailed Design
(4) Oral Presentation

[29th Session] Refine Products
(1) Existing Condition
(2) Vision, Development Concept & Envisioned Future
(3) Architectural Design

[30th Session] Final Submission

履修上の注意・準備学習の内容
Note to Registrants
Completion of Planning & Design Studio 3 (Undergraduate 4th year, Spring semester) and Thesis Design 1 & 2 (Undergraduate 4th year, Spring & Fall semesters) is desirable.
All instructions shall be conducted in English.
教科書
Text Books
Assignments are explained by distributing hand-outs.

参考書
References
References are distributed as needed.

成績評価の方法
Grading Criteria
Grade based on mid-term presentation (40%), final presentation (40%), and final products (20%). Submittal delay causes deduction of points. A minimum of 60% accomplishment is required for earning credits. The accomplishment is evaluated based on the understanding of architectural design required for registered architects of the first class.
(1) The acquisition of social awareness and a broad perspective
(2) The acquisition of ethics and conceptual ability
(3) The acquisition of technical and design expertise
(4) The acquisition of expertise in architecture (general as well as specialized knowledge bases)
(5) The acquisition of applied ability of technical knowledge
(6) The acquisition of communication and coordination abilities
(7) The acquisition of international ability
7 criteria above are weighed evenly and the grade is determined accordingly.

その他
Others
・ Sessions are 15 times × 3 hours + 15 times × 1.5 hours = 67.5 hours
・ Actual study hours in sessions (exclude guidance and exhibition) is 61.5 (67.5-6) hours.
・ Students spend more than 118.5 hours on design practice through the semester. Each student records his or her study hours in the designated format and instructors review the records.
・ Actual study hours through the semester is more than 180 hours (61.5 + 118.5 hours)
・ Design work includes studies of design schemes, preparation of drawings, making models and so forth.
Correspondence to Study/Education Goals of the Department
This is a requisite course and comprehensively covers multiple learning objectives as follows:
(H) Social Awareness and a Broad Perspective
(I) Ethics and Conceptual Ability
(J) Technical and Design Expertise
(K) Expertise in Architecture (general as well as specialized knowledge bases)
(L) Applied Ability of Technical Knowledge
(M) Communication and Coordination Abilities
(N) International Ability
Office Hours
Consultation with instructors by email appointment.

授業の概要・到達目標
Course Summary & Learning Objectives
〈Learning Objectives〉
・ Acquire advanced skills of planning and expression necessary for building design through design practices of residential, office, institutional, commercial and other facilities.
・ Acquire advanced skills of district design through design practices of district consisting of multiple buildings and public spaces.
・ Learn provisions of the Building Standard Law necessary for building design practice.
・ Acquire drawing skills at the levels of basic design, schematic design, and detailed design
・ Implement practical training in structural design and equipment planning in addition to building design and planning.
Specific Objectives
(1) Acquire social awareness and a broad perspective as an architect or urban designer
(2) Acquire ethics and conceptual ability as an architect or urban designer.
(3) Acquire technical and design expertise on architectural and urban design.
(4) Acquire expertise in architecture and urban design.
(5) Acquire applied ability of technical knowledge on architecture and urban design
(6) Acquire communication and coordination abilities necessary for architects and urban designers.
(7) Acquire international ability for architects and urban designers.
〈Course Summary〉
・ Experts on structural design and environmental design in addition to experts on building design instruct the studio.
・ Invite extramural practitioners to review sessions to introduce social, safety and design aspects of high quality.
・ All instructors in charge are qualified architects and practitioners.

授業内容
Session Topics
[International Workshop #1] *the schedule of workshop will be determined through the coordination with partner university.
[1st Session] Guidance & Field Work
(1) Guidance, Briefing regarding Course Assignment and Focused Area
(2) Grouping
(3) Field Work
(1) Understand characteristics of focused area
[3rd Session] Mid-term Review
(1) Issues & Opportunities, Vision
[4th Sessions] Group Work & Desk-crit
(1) Development Concept & Design Development
[5th Sessions] Final Review
※ review by extramural experts
(1) Vision
(2) Development Concept
(3) Envisioned Future

[International Workshop #2] *the schedule of workshop will be determined through the coordination with partner university.

[1st Session] Guidance & Field Work
(1) Guidance, Briefing regarding Course Assignment and Focused Area
(2) Grouping
(3) Field Work

(1) Understand characteristics of focused area

[3rd Session] Mid-term Review
(1) Issues & Opportunities, Vision

[4th Sessions] Group Work & Desk-crit
(1) Development Concept & Design Development

[5th Sessions] Final Review
※ review by extramural experts
(1) Vision
(2) Development Concept
(3) Envisioned Future

[Normal Design Studio]

[1st Session] Volume Study
(1) Architectural Program
(2) Volume Study/Spatial Framework
(3) Regulatory Conditions and Forms

[2nd Session] Case Study
(1) Research Reference Project

[3rd Session] Review (1) Case Study
(1) Reference Project

[4th & 5th Sessions] Desk-Crit
(1) Basic Design
(2) Structural Planning/Environmental Planning

[6th, 7th & 8th Sessions] Desk-Crit
(1) Plans, Elevations, Sections
(2) Structural Planning/Environmental Planning

[9th Session] Review (2) Architectural Design
(1) Plans, Elevations, Sections
(2) Structural Planning/Environmental Planning

[10th, 11th & 12th Sessions] Desk-Crit
(1) Detailed Plans, Detailed Sections
(2) Structural Planning, Environmental Planning, Equipment Planning
(3) Regulatory Compatibility

[13th Session] Mid-term Review
(1) Detailed Design

[14th, 15th & 16th Sessions] Desk-Crit
(1) Detailed Design

※ review by extramural experts
(1) Concept
(2) Basic Design
(3) Detailed Design
(4) Oral Presentation

[18th & 19th Sessions] Refine Products
(1) Existing Condition
(2) Vision, Development Concept & Envisioned Future
(3) Architectural Design

[20th Session] Final Submission

履修上の注意・準備学習の内容
Note to Registrants
Completion of Planning & Design Studio 3 (Undergraduate 4th year, Spring semester) and Thesis Design 1 & 2 (Undergraduate 4th year, Spring & Fall semesters) is desirable.

教科書
Text Books
Assignments are explained by distributing hand-outs.

参考書
References
References are distributed as needed.

成績評価の方法
Grading Criteria
Grade based on final presentation of international workshops (15% each), mid-term presentation (30%), final presentation (40%). Submission delay causes deduction of points. A minimum of 60% accomplishment is required for earning credits. The accomplishment is evaluated based on the understanding of architectural design required for registered architects of the first class.

(1) The acquisition of social awareness and a broad perspective
(2) The acquisition of ethics and conceptual ability
(3) The acquisition of technical and design expertise
(4) The acquisition of expertise in architecture (general as well as specialized knowledge bases)
(5) The acquisition of applied ability of technical knowledge
(6) The acquisition of communication and coordination abilities
(7) The acquisition of international ability

7 criteria above are weighed evenly and the grade is determined accordingly.

その他
Others
- Sessions are 15 times × 3 hours + 15 times × 1.5 hours = 67.5 hours
- Actual study hours in sessions (exclude guidance and exhibition) is 61.5 (67.5-6) hours.
- Students spend more than 118.5 hours on design practice throughout the semester. Each student records his or her study hours in the designated format and instructors review the records.
- Actual study hours through the semester is more than 180 hours (61.5+118.5 hours)
- Design work includes studies of design schemes, preparation of drawings, making models and so forth.

Correspondence to Study/Education Goals of the Department
This is a requisite course and comprehensively covers multiple learning objectives as follows:
(1) Social Awareness and a Broad Perspective
(2) Ethics and Conceptual Ability
(3) Technical and Design Expertise
(4) Expertise in Architecture (general as well as specialized knowledge bases)

Consultation with instructors by email appointment.
授業の概要・到達目標

Course Summary & Learning Objectives

〈Learning Objectives〉

・Acquire advanced skills of planning and expression necessary for building design through design practices of residential, office, institutional, commercial and other facilities.

・Acquire advanced skills of district design through design practices of districts consisting of multiple buildings and public spaces.

・Learn provisions of the Building Standard Law necessary for building design practice.

・Acquire drawing skills at the levels of basic design, schematic design, and detailed design.

・Implement practical training in structural design and equipment planning in addition to building design and planning.

Specific Objectives

(1) Acquire social awareness and a broad perspective as an architect or urban designer

(2) Acquire ethics and conceptual ability as an architect or urban designer.

(3) Acquire technical and design expertise on architectural and urban design.

(4) Acquire expertise in architecture and urban design.

(5) Acquire applied ability of technical knowledge on architecture and urban design.

(6) Acquire communication and coordination abilities necessary for architects and urban designers.

(7) Acquire international ability for architects and urban designers.

〈Course Summary〉

・Experts on structural design and environmental design in addition to experts on building design instruct the studio.

・Invite extramural practitioners to review sessions to introduce social, safety and design aspects of high quality.

・All instructors in charge are qualified architects and urban designers.

授業内容

Session Topics

[1st Session] Guidance

(1) Guidance, Briefing regarding Course Assignment and Focused Area

(2) Grouping

[2nd Session] Field Work

(1) Field Work/Field Survey

(2) Understand characteristics of focused area

[3rd Session] Information Gathering regarding Focused Area

(1) Research on history, topography, demographics, existing development etc.

(2) Research on related regulations

[4th & 5th Sessions] Desk-Crit: Existing Condition Analysis

(1) Focused Area Characteristics

(2) Issues & Opportunities

[6th Session] Review (1): Existing Condition Analysis

(1) Focused Area Characteristics

(2) Issues & Opportunities

[7th, 8th & 9th Sessions] Desk-Crit

(1) Vision

(2) Development Concept


※review by extramural experts

(1) Vision

(2) Development Concept

(3) Envisioned Future


(1) Architectural Program

(2) Volume Study/Spatial Framework

(3) Regulatory Conditions and Forms

[13th Session] Review (2):

(1) Architectural Program

[14th, 15th, 16th, 17th, 18th & 19th Sessions] Desk-Crit

(1) Architectural Design Concept

(2) Architectural Design

[20th Session] Review (3):

(1) Design Strategy

(2) Architectural Design Concept


(1) Architectural Design Concept

(2) Architectural Design


※review by extramural experts

(1) Concept

(2) Basic Design

(3) Detailed Design

(4) Oral Presentation

[29th & 30th Session] Refine Products

(1) Existing Condition

(2) Vision, Development Concept & Envisioned Future

(3) Architectural Design

履修上の注意・準備学習の内容

Note to Registrants

Completion of Planning & Design Studio 3 (Undergraduate 4th year, Spring semester) and Thesis Design 1 & 2 (Undergraduate 4th year, Spring & Fall semesters) is desirable.

教科書

Text Books

Assignments are explained by distributing hand-outs.

参考書

References

References are distributed as needed.

成績評価の方法

Grading Criteria

Grade based on mid-term presentation (40%) and final presentation (60%). Submittal delay causes deduction of points. A minimum of 60% accomplishment is required for earning credits. The accomplishment is evaluated based on the understanding of architectural design required for registered architects of the first class.

(1) The acquisition of social awareness and a broad perspective

(2) The acquisition of ethics and conceptual ability
(3) The acquisition of technical and design expertise
(4) The acquisition of expertise in architecture (general as well as specialized knowledge bases)
(5) The acquisition of applied ability of technical knowledge
(6) The acquisition of communication and coordination abilities
(7) The acquisition of international ability

7 criteria above are weighed evenly and the grade is determined accordingly.

その他
Others

・ Sessions are 15 times × 3 hours + 15 times × 1.5 hours = 67.5 hours
・ Actual study hours in sessions (exclude guidance and exhibition) is 61.5 (67.5-6) hours.
・ Students spend more than 118.5 hours on design practice through the semester. Each student records his or her study hours in the designated format and instructors review the records.
・ Actual study hours through the semester is more than 180 hours (61.5 + 118.5 hours)
・ Design work includes studies of design schemes, preparation of drawings, making models and so forth.

Correspondence to Study/Education Goals of the Department

This is a requisite course and comprehensively covers multiple learning objectives as follows:

(H) Social Awareness and a Broad Perspective
(I) Ethics and Conceptual Ability
(J) Technical and Design Expertise
(K) Expertise in Architecture (general as well as specialized knowledge bases)
(L) Applied Ability of Technical Knowledge
(M) Communication and Coordination Abilities
(N) International Ability

Office Hours
Consultation with instructors by email appointment.

授業の概要・到達目標
Course Summary & Learning Objectives

〈Course Category〉：Internship related (lecture)
〈Learning Objectives〉
Acquire structured theory concerning the realization of architectural design in urban settings, through lectures on history of cities, legal frameworks, design theories of architectural and urban design.

〈Specific Objectives〉
(1) Acquire ethical values and conceptual ability as an architect or urban designer.
(2) Acquire advanced technical ability on architectural and urban design.
(3) Acquire practical architectural and urban design ability.
(4) Acquire advanced and practical communication and coordination skills.
(5) Acquire ability that has international currency.

〈Course Summary〉
This lecture course is designated to understand the theoretical framework relating to architectural and urban design through the diverse level of studies, and apply the acquired understanding to real architectural design practices.

The contents of this lecture course is relating to the internship in the field of architectural design and supervision practices.

All instructors in charge are qualified architects and practitioners.

授業内容
Class Subject

[1st Lecture] Guidance, City transformation from Edo to Tokyo
[2nd Lecture] Legal constraints in Tokyo
[3rd Lecture] Architectural Design Theory 1 (External lecturer)
[4th Lecture] Tange and Mega-structure
   □ Announcement of Mid-term assignment
[5th Lecture] Architectural Design Theory 2 (external lecturer)
[6th Lecture] Minimalism vs Pluralism
[7th Lecture] Circulation and Space network
[8th Lecture] Program and Space
[9th Lecture] Presentation of Mid-term assignment (Submission)
   □ Announcement of reading assignment
[10th Lecture] Architectural Design Theory 3 (External lecturer)
[11th Lecture] Conflict and Contradiction
[12th Lecture] Presentation of reading assignment 1
[13th Lecture] Presentation of reading assignment 2
[14th Lecture] Presentation of reading assignment 3
[15th Lecture] Final examination
Course Summary & Goals

〈Learning Objectives〉
(1) Understand the importance of physical environment of cities as a whole that support social and economic activities.
(2) Understand the physical environment of cities and the elements that compose city spaces.
(3) Understand the theories regarding urbanism.
(4) Acquire practical knowledge regarding the method and the process of urban planning and design.
(5) Acquire practical knowledge regarding how to visualize urban planning and design ideas.

〈Course Summary〉
The aggravation of global environmental, social and economic issues requires us to change the way to design cities and buildings. Cities need to be designed more diverse, compact and well-connected with street networks and public transit systems. Districts and buildings need to be designed to accommodate a variety of human activities and more responsive to the local environment, context and culture.

This course focuses on the physical environment of cities, city elements, and the relationship between buildings and public spaces, and students will deepen their understanding of these topics through lectures and researches. The course also focuses on the practical method and the process of urban planning and design, and students will acquire the practical ability through lectures and assignments.

授業内容
Session Topics
[1st Session] Course Introduction 〈Set Assignment 1: City Elements〉
[2nd Session] Presentation 1: Assignment 1: City Elements
[3rd Session] Presentation 2: Assignment 1: City Elements
[4th Session] Block & Street Pattern 〈Set Assignment 2〉
[5th Session] Building Disposition
[6th Session] Streets and Plazas
[7th Session] Presentation 1: Assignment 2
[8th Session] Presentation 2: Assignment 2
[9th Session] Presentation 3: Assignment 2
[10th Session] Master Planning 〈Set Assignment 3〉
[11th Lecture] Smart Code/Form-based Code
[12th Lecture] Urbanism Theories
[13th Lecture] Presentation 1: Assignment 3
[14th Session] Presentation 2: Assignment 3
[15th Session] Presentation 3: Assignment 3
Note to Registrants

All instruction and assignment shall be conducted in English.

All the lectures shall be conducted from April to July, though some lectures shall be rescheduled for the period of the workshop in a foreign country.

In addition to 3 assignments, reading assignments will be given to students accordingly.

Text Books

PowerPoint presentations are used for lectures.

References

References are distributed as needed.

Evaluation Criteria

There will be three assignments. Each student’s grade is based upon the evaluation of the three assignments and the associated presentation weighed evenly (1/3 each), and the grade is determined by the sum of the evaluations. A minimum of 60% accomplishment is required for earning credits.

The acquisition of expertise in urban design are weighed evenly for each evaluation.

Correspondence to Study/Education Goals of the Department

This is a requisite elective course and covers learning objectives as follows:

(K) Expertise in Architecture (general as well as specialized knowledge bases).

Office Hours

on Tuesdays 12:10-13:00
@ Nakano Campus 7th floor instructors’ room
e-mail: hirosa@meiji.ac.jp

Course Summary & Learning Objectives

This is an intensive course implemented through lectures, museum visits and field works.

Learning Objectives:

Acquire comprehensive knowledge concerning the morphology and history of Japanese cities and urban architecture mainly focusing on Edo-Tokyo, which serves as a basis for urban design and architectural design in the urban context.

Specific Objectives:

1. Acquire knowledge about the evolution of typology of city forms in Japanese history including ancient capital, diverse categories of medieval urban space, jokamachi (Japanese castle town) in Edo period and modern city.

2. Understand the characteristics of urban tissue of downtown Edo consisting of commoner’s machiya-type of town houses and its background such as development pattern and land/building ownerships.

3. Acquire knowledge concerning the relationships between land use pattern and geography, urban policy and social strata.

4. Acquire knowledge about modern transformation of Edo into Tokyo which can be traced in former downtown, amusement districts, water edges and residential areas for samurais.

Session Topics

[1st Session] Guidance
[2nd Session] Outline of the history of Japanese Cities
Learn the history of Japanese city forms from ancient to modern age, basic viewpoints and terminology.

[3rd–5th Sessions] Museum Visit 1
Learn urban morphology of Edo in the early modern time (Edo period), including geography, land use pattern, urban tissue.

Learn modern urban developments in Late Edo period and after Meiji period.

[9th–11th Sessions] Field Work 1
Learn present situation of downtown in the south-east part of central Tokyo.

[12th–14th Sessions] Field Work 2
Learn present situation of former samurai residential area and suburb.

[15th Session] Summary

Note to Registrants

All instructions shall be conducted in English.

Textbooks

PowerPoint presentations and handouts are used for lectures.
References

References are distributed as needed.

Grading Criteria

Two reports are assigned and evaluated evenly. A minimum of 60% accomplishment is required for earning credits. The accomplishment is evaluated based on the acquisition of expertise in urban and architectural history.

Others

〈Correspondence to Study/Education Goals of the Department〉

This is a requisite elective course and covers learning objectives as follows:

(K) Expertise in Architecture (general as well as specialized knowledge bases).

〈Office Hours〉

Consultation with instructors by email appointment. E-mail address: a_aoi@isc.meiji.ac.jp

Course Category: Internship related (lecture)

Learning Objectives:

To understand the importance of and acquire the practical knowledge of management in architecture, namely, that of organizations, of projects, and of architects themselves in the context of the globally expanding architectural markets.

Specific Objectives

1) Understand the business of architecture in the competitive context of global economy.
2) Acquire practical knowledge about the management of architectural practice.
3) Acquire practical knowledge on the project management of urban development and architectural projects.

Course Summary

The project management is essential in all aspects of architectural and urban improvement endeavors. Planning, design, and construction can lead to a great piece of architecture or urban improvement only through sensible project management. The needs of management in fact start with the architect’s own practice, his/her firm, as well as relationship building with the clients.

As a part of the Professional Course, this course emphasizes, not the design talents and technical and legal expertise in planning and designing of a built environment, which are what architects sell, but how to market, package, and deliver them in a sustainable business context, with a hope that the student will be equipped with the basic knowledge of the real life rigor of business of architecture, once he/she leaves the academia, with an emphasis on the global market.

Class discussions will touch on how to run a practice, the importance of design proposal, understanding of client’s values and perspectives, human aspects of project delivery, protection of your business, as well as the opportunities one may find by offering universally appreciated values in architectural design.

Students will be evaluated through the mid-term and final examinations, and a few take-home assignments.

Session Topics

[第1回] Course Introduction + Architecture in the Context of Global Economy

The course calendar, topics and requirements of assignments, and evaluation criteria shall be introduced. Architecture as a business enterprise shall be looked at in the context of building markets, domestic and international.

[第2回] Organizations: Let’s Start a Practice

If you cannot design a viable design firm, how could you design a viable building? This session covers basic elements of starting an architectural design firm, such as licensing, clientele, financial backing, team structure, enthusiasm, values and sense of mission in architecture, as well as aspects of studio management to keep your business sustainable.
Economics: Time is Money
Given a design brief, schedule, and the budget, the project manager sets out to manage a project. The PM must, therefore, have a profound understanding of how the economics works in the business of architecture. The basic accounting of creativity business shall be looked at.

Case Study – International Market

Project Administration: Keeping Tabs on What Goes Out
Because we are operating in a society of litigation, we need to control what goes out of our office. Starting from the proposal to contract, specifications and drawings, a viable business must pay attention to the integrity of documents to be issued. [Assignment #1 – Introductory Brochure Design]

Guest Lecturer
A guest lecturer will present his/her experience of a building project.

Mid-Term Examination
The exam covers the topics covered in the previous sessions. A laptop computer with a word processing software and a spreadsheet software may be required (confirm with instructor).

Project Administration: Keeping Tabs on What Goes Out
Because we are operating in a society of litigation, we need to control what goes out of our office. Starting from the proposal to contract, specifications and drawings, a viable business must pay attention to the integrity of documents to be issued. [Assignment #2 – Proposal Writing]

Values on the Other Side: What’s in the Minds of Your Clients
As an architect, your responsibility is to propose and make possible a piece of beautiful, functional, legal and strong Architecture. Your client, however, is worried about one more thing; the financials of building and operating your work of Art. Depending on the building type, the architect must address different kinds of concerns the client may have. Class will discuss initial cost, operational efficiency, buildability, expandability, and cash flow projection.

Global Arena for Architects: Inbound vs. Outbound
Japanese Architecture has a special place in the minds of fellow architects, scholars, as well as developers around the world. Yet, it is rather unreachable because only a few Japanese architects (and Japan-trained architects) provide services outside the country. There are many career possibilities as long as the architect is prepared to work in such a context. We will discuss the need for a language of business, the familiarity with the legal system related to our business, peculiarities of the architectural and construction industries as well as the general cultural idiosyncrasies.

Case Study – International Market #2: Working on Overseas Projects
The instructor will share his experience in working as chief designer for projects in Qingdao, China and in Dhaka, Bangladesh. Students are invited to prepare questions before the session.

Urban Redevelopment – Processes and Architects’ Roles
A large scale urban redevelopment takes persistent efforts and a strong leadership. Architects are in a unique position to help such projects with insight and expertise. But to be effective, we must understand the values, criteria, and mentality of development. This session will identify and examine relevant issues and steps, and the driving forces acting on the developer and other stake holders.

Guest Lecturer
A guest lecturer will present his/her experience of a building project.

Final Examination
The exam covers the topics covered throughout the semester. A laptop computer with a word processing software and a spreadsheet software may be required (confirm with instructor).

教科書
Textbooks: none. PowerPoint presentations will be prepared by the instructor as needed.

参考書
References: references shall be prepared by instructor as needed.

成績評価の方法
Grading is based on the sum of the evaluation of the following assignments weighted as indicated or defined at the beginning of the semester: two take-home assignments at 15% each, mid-term examination at 30% and the final examination at 40%. The examinations shall be given on the scheduled date and time only and no additional testing will be given. Credits are given through assessment of the student’s understanding of issues addressed in this course, evaluated to be at minimum 60% of the level required for the first class architect.

その他
Correspondence to Study/Education Goals of the Department
This is a requisite elective course necessary for the achievement of (H) Social Awareness and a Broad Perspective; (J) Technical and Design Expertise; and (K) Expertise in Architecture (general as well as specialized knowledge bases).

Office Hours
Consultation with instructor by appointment.