

Faculty: Architecture and Design
Course Code: ARCH 462-O (C-TEDU)
Type of Course: Compulsory
Course Credit Hours: (1+0+0) / 2 ECTS
Language of Instruction: English

Department: Architecture
Course Title: Profession and Practice
Semester: Spring
Pre-requisite: ARCH 302
Mode of Delivery: Face-to-face (K084) / Coursera

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CATALOG DESCRIPTION

Processes for project development and construction. Address to real world business issues and relate classroom experiences to the workplace. Combines design and engineering concepts with management, communication, and business skills.

COURSE OBJECTIVES

This course aims to provide an overview of professional environment that an architect works in with its interrelations among different actors such as other architects, engineers, consultants, contractors, clients and legal authorities. It aims to develop awareness on the processes occurring during the realization of a project.

LEARNING OUTCOMES

Upon successful completion of this course, a student will be able to

1. transfer their design knowledge to real world business issues
2. explore managerial and organizational dimensions of a building project
3. be able to plan a schedule for a design work
4. have an awareness of basic communication skills required in construction business
5. work both independently and in a group

TEACHING METHODS AND LEARNING ACTIVITIES

Course is organized as a series of lecture/discussions with the presence of a guest professional who is an expert on the corresponding topic. Students are expected to actively engage in these discussions and prepare commentaries on these discussions in addition to a mid-term exam/assignment and a term paper.

Students are also expected to follow the assigned Coursera course and prepare an interpretive report on it.

EVALUATION

Students will be evaluated on the basis of the quality and process of the work, the completion of assignments, and contribution to the course environment. It is reminded that proper, elaborate and regularly updated documentation of the course work through weekly commentaries is an important part of the evaluation.

Weekly Commentaries (max. 100 words): 15%
 Coursera Course Report C-TEDU (max. 500 words, supported by visuals): 5%
 Mid-Term: 25%
 Final Assignment (1500 – 2000 words): 50%
 Contribution & Attendance: 5%

Assessment Methods

Weekly Commentaries
 Mid-term and Coursera Course Report
 Final Assignment
 Course Contribution

Course Learning Outcomes

#1-2-4-5
 #1-2-3
 #1-2-3-4-5
 #4-5

GRADING SYSTEM

For each course taken, the student is given one of the following grades by the course teacher. The letter grades, coefficients and percentage equivalents are given below.

AA 4.0 / 100-90
 BA 3.5 / 89-85
 BB 3.0 / 84-80
 CB 2.5 / 79-75
 CC 2.0 / 74-70 average
 DC 1.5 / 69-60
 DD 1.0 / 59-50 unsatisfactory
 F 0.0 / 49-0 fails to follow requirements of the assignment
 FX 0

LANGUAGE

The discussions and all of your submissions will be in English (with the exception of some guest presentations). Developing your verbal language skills will be very important in acquiring design terminology as well as daily communication in the class.

ATTENDANCE

It is extremely important to follow the course. It is not possible to submit a weekly commentary for the weeks in which student was absent. 30% worth of non-attendance results in failing. Missing the mid-term and/or not submitting the final assignment results in an FX grade.

MISSED WORK

In case of medical report or accepted excuses by the university policies, the instructor may evaluate the missed work as incomplete. Incomplete work is generally discouraged.

PLAGIARISM & CHEATING

Each student is expected to respect for others work, and learning experience, avoid plagiarism and cheating, provide appropriate citation of others' ideas, works and products. Each work should be an original product of students' own learning and research process.

STUDENT WORKLOAD

50 hours (Lectures 13 hrs | Weekly Commentaries: 8 | Coursera Course and Report: 10 hrs | Midterm: 5 hrs | Term Paper: 14 hrs)

SUGGESTED SOURCES / READINGS / BOOKS

Coursera Course: Fundamentals of Project Planning and Management C-TEDU

Cuff, Dana. Architecture : The Story of Practice, Cambridge: The MIT Press, 1991.

Kostof, Spiro. The Architect: Chapters in the History of a Profession, Berkeley: University of California Press (1st edition 1977), 2000.

Sarfatti Larson, Magali. "Practice and Education in 21st Century Architecture," in Fernando Lara and Sonia Marques, eds. Quid Novi? Dilemas do ensino da arquitetura no seculo 21. Austin, TX, nhamerica press, 2015.

Kniberg, Henrik. "Spotify Engineering Culture Part 1," Youtube, ClearlyAgile, 13.6.2023. <https://www.youtube.com/watch?v=6I07j6MXnuM>

Kniberg, Henrik. "Spotify Engineering Culture Part 2," Youtube, ClearlyAgile, 13.6.2023. <https://www.youtube.com/watch?v=0tpCmSnEoKo>

RIBA Report, "The Future for Architects?"

AIA Foresight Report 2014

TMMOB Mimarlar Odası Mimarlık Hizmetleri Şartnamesi ve En Az Bedel Tarifesi

Ankara Büyükşehir Belediyesi İmar Yönetmeliği

Planlı Alanlar İmar Yönetmeliği

Bina Deprem Yönetmeliği (Ek: Deprem Etkisi Altında Binaların Tasarımı için Esaslar, pages 14-25)

Otopark Yönetmeliği

Binaların Yangından Korunması Hakkında Yönetmelik

Binalarda Enerji Performansı Yönetmeliği

STUDENT SERVICES INFO

- Student Development and Psychological Counseling Center:

Student Development and Psychological Counseling Centre is mandated with providing crisis intervention and supportive listening services to the campus community. The Center conducts individual counseling, group guidance studies, workshops, seminars, and orientation studies for all students in need. You may apply to the Center in order to deal with all your current problems.

For further information and/or questions: ogrencidanismamerkezi@tedu.edu.tr, <https://csc.tedu.edu.tr/en>

- TEDU Without Barriers Unit:

Please inform the TEDU Without Barriers Unit and the instructor of the course about the specific issues in case you have a physical or mental disability and are having trouble with anything related to this course—such as accessing the material, participating in the class, taking notes, preparing for, attending or managing to complete the exams. Your situation will be reviewed by commission, in accordance with the principle of confidentiality, and if deemed appropriate, facilitating measures will be taken so that you can take the course more efficiently.

For further information and/or questions: engelsiz@tedu.edu.tr, <https://engelsiz.tedu.edu.tr/en>

WEEKLY SCHEDULE (TENTATIVE)

W1. Introduction

13.2.25 Introduction to the Course

W2. Architectural Practice

20.2.25 Architect's Role in the Society
 History of the Profession in Turkey
 Guest: Assoc. Prof. Dr. Bilge İmamoğlu

W3. Architectural Practice

27.2.25 Architect's Professional Life
 Character of the Practice

W4. Project Development Process / Establishing and Sustaining a Practice

6.3.25 Practice Organization
 Business Development
 Municipal Regulations
 Chamber of Architects Regulations
 Financial Issues
 Contracts, Approval Processes

W5. Project Development Process / Project Management

13.3.25 Project Phases and Collaborators
 Fundamentals of Project Management

W6. Project Development Process / Tender Documents

20.3.25 Bill of Quantities
 Technical Specifications
 Cost Estimation

W7. Project Management & BIM

27.3.25 Guest: Assoc. Prof. Dr. M. Koray Pekerçli (METU)

W8. RELIGIOUS HOLIDAY ? (or Project Development Process Review)

3.4.25

W9. Restoration & Conservation

10.4.25 Guest: Assoc. Prof. Dr. Pınar Aykaç (METU)

W10. MIDTERM

17.4.25

W11. Coursera Course Review and Discussion

24.4.25 Submission of Coursera Course Reports C -TEDU

W12. LABOR AND SOLIDARITY DAY

15.25

W13. Collaboration

8.5.25 Engineers / Consultants
 Guest: Tanju Ataylar – Fire Protection Specialist
 Theme: Fire protection & architectural space

W15. Collaboration

15.5.25 Engineers / Consultants
 Guest: Süreyya Ural - Structural Engineer in Practice
 Theme: Structural design & architectural space

W14. Collaboration

22.5.25 Engineers / Consultants
 Guest: Mehmet Okutan – Mechanical Engineer in Practice
 Theme: Mechanical systems & architectural space

W16. Collaboration

29.5.25 Engineers / Consultants
 Guest: Özgür Ulupınar - Electrical Engineer in Practice
 Theme: Electrical systems & architectural space

FINAL ASSIGNMENT (Date to be determined)

Conduct research on literature and other sources and write a term paper exploring one or more of the topics discussed during the semester in depth in relation to your career plans (1500-2000 words, complying to academic writing rules with title, outline, proper references etc.)