

# **TEDU ARCH 381** Urban Design

**F 22-23** TÜRKAY | KOÇER

**Faculty:** Architecture

**Course Code & Number:** Arch 381

**Type of Course:** Compulsory

**Course Credit Hours:** (2+2+0) 3 / 6 ECTS

**Language of Instruction:** English

**Department:** Architecture

**Course Title:** Urban Design

**Semester:** Fall

**Pre-requisite:** None

**Mode of Delivery:** Face-to-face

## **instructors**

Asst. Prof. Dr. Seray Türkay – seray.coskun@tedu.edu.tr

Res. Asst. Çağrı Koçer – cagrim.kocer@tedu.edu.tr

## **course description**

Theories, movements and approaches in the history of planning and urban design. Urban design as an interdisciplinary field of study and practice. Tools for analyzing and mapping urban contexts. Key concepts, principles and operative scales of urban design.

## **objectives**

The main objective of this course is to equip students with a conceptual toolkit for understanding the city and acting on it in different scales. It provides a framework for urban design thinking by outlining the interdisciplinary field of study and practice of urban design in reference to theories, movements and approaches in planning, changing paradigms in urbanism, and contemporary examples in urban design practice. The course introduces various research, analysis and design tasks to construct critical interpretations of urban contexts and to develop multi-scalar thinking in urban design.

## **learning outcomes**

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

1. understand the disciplinary complexity and in-betweenness of urban design,
2. discuss theories, movements and approaches in planning and urban design,
3. analyze urban environments in terms of social, economic, cultural and environmental dynamics of the local context and correspondent physical forms,
4. interpret fundamental concepts, elements and principles of urban design,
5. develop a multi-scalar approach in urban design process.

## **lectures and discussion**

Lectures, discussions and/or critics will be on Monday, 09:00-13:00. Please be aware that there are no sections for the course.

## **learning activities and teaching methods**

lectures; discussion/debate; readings; assignments; case studies

## **assessment methods and criteria**

discussions; design critiques; quizzes; assignments

## **student workload**

lectures & discussions & critics	56hrs (14x4)
readings	24hrs
quizzes	20hrs
assignments	60hrs

Instructor's assessment for this course ~160hrs in total. Please try not to exceed the estimated ECTS hours, as the scheduling of your efficient work hours is an essential part of your architectural education.

## **evaluation**

Assignments	45%
Quizzes	45%
Contribution	10%

## **language**

The class discussions and all of the presentations will be in English. Developing your verbal language skills will be very important in acquiring the disciplinary terminology as well as daily communication at the class. The course requirements relate to the proficiency in the English language; nevertheless the students are reminded that it is their own responsibility to obtain a parallel competence in architectural terminology in their own native language.

## **rules & conduct**

Course Attendance is required and will be seriously recorded. **Sum of %30 non-attendance (4 classes in total) and 9 hours in a row will directly result in an FX**

**grade, even with a reasonable excuse or official documentation.**

Good academic conduct requires respect for the rights of others in the collective experience of learning, either in the class or elsewhere; responsibility towards others and sincere and honest engagement in collaborative and cooperative work; avoidance of cheating; and **last but not the least, avoidance of plagiarism, which is using others' works, ideas, findings or products as if one's own.**

Plagiarism is cheating and requires disciplinary punishment as specified in school regulations, besides penalties on the grade.

**All sort of assignments will be announced online, as well as other types of announcements; therefore the students are obliged to check their student e-mails regularly as well as the Moodle site for the course.**

Late or missed work will not be accepted unless it qualifies as excused. All assignments are due at the date and time indicated. Late assignments if otherwise accepted will be downgraded.

## **notes**

Any announcement posted on Moodle should be considered as an official addition to this Syllabus.

## **tentative outline**

week 1   Sep26	Introduction
week 2   Oct 3	Outlining Urban Design
week 3   Oct 10	<i>URBS</i>   Paradigms for understanding the City and Urbanism
week 4   Oct 17	City and its parts & City as a whole
week 5   Oct 24	City in Scales   City in Grains
week 6   Oct 31	Urban Design as a Process   Urban Design as a Project
week 7   Nov 7	Multi-scalar thinking in Urban Design ____ <i>Design Critiques</i>
week 8   Nov 14	Urban Utopias   Gardens, Towers, Zones
week 9   Nov 21	Urban Architectures   Mats, Habitats, Capsules
week 10   Nov 28	Urban Contexts   Monuments, Neon Signs, Collages
week 11   Dec 5	Urban Intensities   Strips, Layers, Archipelagos
week 12   Dec 12	City as an Infrastructural Terrain   Landscape urbanism
week 13   Dec 19	Multi-scalar thinking in Urban Design ____ <i>Design Critiques</i>
week 14   Dec 26	<i>Final Discussion &amp; Evaluation</i>

## selected readings

Aldo Rossi. *The Architecture of the City*. Cambridge, Mass. and London: MIT Press, 1984.

Alison + Peter Smithson. *The Charged Void: Urbanism*. New York: The Monacelli Press, 2005.

Bernard Tschumi. *Manhattan Transcripts*. London: Academy Editions ; New York, N.Y.: St. Martin's Press, 1994 (Originally published in 1981).

Bernard Tschumi. *Event Cities*. Cambridge, Mass.: The MIT Press, 1994-2010.

Bill Erickson and Tony Llyod-Jones. "Design Problems," in *Approaching Urban Design: The Design Process*, eds. Marion Roberts and Clara Greed, Assex: Pearson Education, 2001: pp. 3-7.

Colin Rowe and Fred Koetter, *Collage City*. Cambridge, MA and London: MIT Press, 1978.

DOGMA (Pier Vittorio Aureli and Martino Tattara). "A Simple Heart: Architecture on the Ruins of the Post-Fordist City," *AD Architectural Design*, vol. 81 issue 1 (January/February 2011), pp. 110-119.

Denise Scott Brown. "Learning from Pop," *Casabella* 359-360, 1971: pp.15-23.

Edmund N. Bacon. *Design of Cities*. New York: Penguin Books, 1976.

Eric Mumford. *Designing the Modern City: Urbanism since 1850*. New Haven and London: Yale University Press, 2018.

Eric Mumford. *The CIAM Discourse on Urbanism, 1928-60*. Cambridge, Mass.: The MIT Press, 2000.

Kevin Lynch. *The Image of the City*. Cambridge, Mass.: The MIT Press, 1960.

Kevin Lynch. *A Theory of Good City Form*. Cambridge, Mass.: The MIT Press, 1981.

Mario Gandelsonas. "The City as the Object of Architecture." *Assemblage* 37 (1998): pp. 128-144.

Oswald Mathias Ungers. "Cities within the City: Berlin as Green Archipelago", *Lotus international* 19 (1978), pp 82-97.

Peter Lang and William Menking. *Superstudio: Life without Objects*. Milano (Italy); Skira; New York, NY : Distributed in North America and Latin America by Rizzoli International Publications, Inc. through St. Martin's Press, 2003.

Peter Trummer. The City as an Object: Thoughts on The Form of the City, *Log*, No. 27 (Winter/Spring 2013), pp. 51-57.

Pier Vittorio Aureli. *The Possibility of an Absolute Architecture*. Cambridge, MA: The MIT Press, 2011.

Rem Koolhaas. *Delirious New York: A Retroactive Manifesto for Manhattan*. New York: Oxford University Press, 1978.

Rem Koolhaas and Bruce Mau. "Bigness," *S, M, L, XL*. New York: The Monacelli Press, 2002: pp. 495-516.

Reyner Banham. *Los Angeles: The Architecture of Four Ecologies*. New York: Harper & Row, 1971.

Robert Fishman. *Urban Utopias in the 20<sup>th</sup> Century: Ebenezer Howard, Frank Lloyd Wright, Le Corbusier*. New York: Basic Books, 1977.

Robert Venturi, Denise Scott Brown and S. Izenour. *Learning from Las Vegas*. Cambridge, MA: MIT Press, 1977.

Simon Sadler. *Archigram: Architecture without Architecture*. Cambridge, Mass.: The MIT Press, 2005.

Spiro Kostof. *The City Shaped: urban patterns and meanings through history*. Boston: Little, Brown, 1991.

Spiro Kostof. *The City Assembled: the elements of urban form through history*. Boston: Little, Brown, 1992.

Stan Allen. *Points + Lines: Diagrams and Projects for the City*. New York: Princeton Architectural Press. New York: Princeton Architectural Press, 1999.

Stan Allen. "From Object to Field," *AD (Architectural Design)*, vol. 67 no. 5/6 (May/June 1997): Architecture After Geometry, pp. 24-31.