

Istanbul Technical University – Department of Architecture
MIM 252E – Theories of Architectural Design, 22221
 Course Syllabus | 2019-2020 Spring Semester

Course Day and Hour : Thursday 8:30 – 11:30
Course Room : 227
Course Credit : 3 Credits / 5 ECTS
Course Web Site :-

Course Instructor: Assoc. Prof. Dr. Yüksel Demir
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Course Assistant/s:
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Course Description

Examination of all the dimensions of architecture, through essential “questions / problems”, “concepts”, “texts”, “works”, “people”, “events / actions” in unity. The interdisciplinary nature of architecture, the relations of architecture with “nature – culture”, “art – science”. All these studies will be realized considering the inseparable relation of theory & practice.

Course Objectives

1. Providing background for creative applications in their own area of expertise
2. By enhancing their awareness in architecture and all related fields, the course enables learners to use their knowledge creatively in their own area of profession
3. Support learners to develop their skills for locating themselves, define targets and determine routes within the space including architecture.
4. Help learners to relate the knowledge of their own areas with other areas and then provide evaluation of these findings in a holistic way

Course Learning Outcomes

Students will be able to,

1. Use knowledge and skills of art and philosophy in their own area of profession
2. Learn the necessity of handling the practical and theoretical dimensions of Architecture in unity,
3. Recall and identify the ground breaking personalities and their work within architecture and related fields.
4. Learn to integrate their professional knowledge and skills with practical ability,
5. Share, exchange, discuss their production and thoughts efficiently,

Course Plan/Structure

Weeks	Topics	Course Outcome
1	Introduction to the course and discussion	1,2,3,4,5
2	Determination of the agenda (questions/problems, concepts, texts, works, individuals, events/actions)	1,2,3,4,5
3	“Questions” research, presentation, discussion	1,2,5
4	“Concepts” research, presentation, discussion	1,3,5
5	“Texts” research, presentation, discussion / Conference	1,3,5
6	“Works” research, presentation, discussion	1,3,4,5
7	“People” research, presentation, discussion	3,4,5
8	“Events/Actions” research, presentation, discussion / Conference	1,2,3,5
9	Individual project presentation & Term Research project	2
10	Individual project presentation & Term Research project	2
11	Individual project presentation & Term Research project	2
12	Term Research project / Conference	1,2,3,4,5
13	Term Research project	1,2,3,4,5
14	Term Research project	1,2,3,4,5

Homework & Projects

Proposing a list of personal agenda, the research and presentations related with this agenda

Individual Project Representation exercise

Term Research Project and Presentation

Course Assessment

The minimum grade to avoid VF and to earn the right to take the Final Exam is:

- A minimum of 70% course attendance and a minimum of 80% practical study attendance
- Submission of practical studies as required
- Get a minimum mark of “50” from mid-term course evaluation

Final evaluation:

Mid-term grade: % 60

Final Submission: % 40

Total: % 100

Resources

- Nesbitt, K. (1996). *Theorizing a New Agenda for Architecture: An Anthology of Architectural Theory 1965-1995*. Princeton Architectural Press.
- Goethe's Way of Science (A Phenomenology of Nature), David Saemon and Arthur Zajonc, State University of New York Press, 1998
- Design Paradigms, Warren K. Wake, John Wiley & Sons, Inc., 2000
- A Companion to Aesthetics, 2nd Edition Stephen Davies (Editor), Kathleen Marie Higgins (Editor), Robert Hopkins (Editor), Robert Stecker (Editor), David E. Cooper (Editor) April 2009, Wiley-Blackwell
- The Blackwell Companion to Philosophy, 2nd Edition Nicholas Bunnin (Editor), Eric Tsui-James (Editor) October 2002, Wiley-Blackwell
- A Companion to the Philosophy of Science. W. H. Newton-Smith (Editor) .January 2000, Wiley-Blackwell
- A Companion to the Philosophy of Technology Jan Kyrre Berg Olsen, Stig Andur Pedersen, Vincent F. Hendricks April 2009, Wiley-Blackwell
- Flatland: A Romance of Many Dimensions, E.A. Abbot, Penguin Books, 1998 / EText version: <http://www.alcyone.com/max/lit/flatland/>
- Vitruvius Pollio: The ten books on architecture, Transl. Morris Hicky Morgan, Dover Publications, 1960
- Turgut Cansever: Mimar Sinan, Albaraka Türk Kültür Yayınları, 2005
- İlhan Koman & Françoise Ribeyrolles, Leonardo: On My Approach To Making Nonfigurative, Static and Kinetic Sculpture, Pergamon Press, New York (USA), 1979, Vol.12
- G.Semper, Die vier Elemente der Baukunst. 1851. (The Four Elements of Architecture. 1988.) Le Corbusier, Vers Une Architecture.1923. (Towards a New Architecture. 1927.)
- H.R.Hitchcock, Modern Architecture: Romanticism and Reintegration. 1929.
- N.Pevsner, Pioneers of the Modern Movement from William Morris to Walter Gropius. 1936.
- W.Benjamin, Das Kunstwerk im Zeitalter seiner technischen Reproduzierbarkeit. 1936. (The Work of Art in the Age of Mechanical Reproduction, in: Illuminations. 1968.)
- S. Giedion, Space, Time and Architecture: The Growth of a New Tradition. 1941.
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- R. Banham, Theory and Design in the First Machine Age.1960.
- U. Conrads,ed. Programme und Manifeste zur Architektur des 20.Jahrhundets. 1964. (Programs and Manifestoes on 20th. Century Architecture. 1970.)
- L. Benevolo, Storia dell'architettura moderna.1960. (History of Modern Architecture.1971.)
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- M. Tafuri, Progetto e utopia: Architettura e sviluppo capitalistico. 1973. (Architecture and Utopia: Design and Capitalist Development. 1979.)
- M. Tafuri, Teorie e storie dell'architettura.1968. (Theories and History of Architecture. 1979.)
- K. Frampton, Modern Architecture: a critical history. 1980.
- F.Choay, La règle et le modèle: Sur la théorie de l'architecture et de l'urbanisme. 1980. (The Rule and the Model: On the Theory of Architecture and Urbanism. 1997.)
- Colquhoun, Essays in Architectural Criticism.1981. J.Rajchman, Constructions (Writing Architecture). 1998.
- A.Vidler, Warped Space: Art, Architecture and Anxiety in Modern Architecture. 2000. A.Pérez-Gómez, L.Pelletier, Architectural Representation and the Perspective Hinge. 2000.
- J. Baudrillard, Tüketim Toplumu, İstanbul: Ayrıntı. 1997.
- F. Jameson, Postmodernism or the Cultural Logic of Late Capitalism, NY: Verso. 1999.
- D. Harvey, Postmodernliğin Durumu, İstanbul: Metis. 1999.
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- L. V. Schaick, Mastering Architecture: Being a Creative Innovator in Practice, Wiley-Academy, Chichester. 2005.
- D. Tekeli, Mimarlık Zor Sanat, Yapı Kredi Yayınları. 2012.
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- A. Cevizci, Felsefe Tarihi : Thales'tenBaudrillard'a, Say. 2009.
- A. Cevizci, Felsefeye Giriş, Sentez. 2007.
- P. de Bolla, Sanat ve Estetik, Ayrıntı. 2006.

- M. S. Bergil, Altın Oran, Arkeoloji ve Sanat Yayınları. 1993.
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- D. G. Shane, Recombinant Urbanism: Conceptual Modeling in Architecture, Urban Design and City Theory, 2005.
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- J.C. Jones, Design Methods, 1970.
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- R. Venturi, Complexity and Contradiction in Architecture, 1966.
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- M. Wigley, The Architecture of Deconstruction: Derrida's Haunt, 1995. Ö. Akın, How Do Architects Design? 1978.
- G. L. Folds, Bodies and Blobs, 1998.
- B. Tschumi, Architecture and Disjunction, 1996.
- A. Vidler, The Architectural Uncanny, 1992.
- M. Batty, P.A. Longley, Fractal Cities, 1994.

Contributors

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