

Istanbul Technical University – Department of Architecture
MIM 122E – Ancient and Byzantine Architecture, 22073
Course Syllabus | 2019-2020 Spring Semester

Course Day and Hour : Tuesday 8:30 – 10:30
Course Room : 213
Course Credit :2
Course Web Site :-

Course Instructor: Bilge Ar
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Course Assistant/s:
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Course Description

Prehistoric cultures of Anatolia and Mediterranean will be discussed to get a grasp of the origins of Ancient Greek Architecture. Ancient Greek Architecture, Roman Architecture and Byzantine Architecture will be the main topics of the course.

Course Structure and Plan

Course Plan

WEEK	DATE	TOPIC
1	11.02.2020	Introduction
2	18.02.2020	Prehistoric cultures. Anatolia and Aegean areas before Ancient Greek and Roman eras. Origins of Ancient Greek Architecture, Egyptian Architecture, Mesopotamian culture.
3	25.02.2020	Ancient Greek Architecture Building details, terminology, construction process and construction techniques. Doric, Ionic and Corinthian styles
4	03.03.2020	Ancient Greek Architecture Monumental Architecture – temple architecture
5	10.03.2020	Ancient Greek cities: Understanding the development of the city Greek buildings outside of religious constructions
6	17.03.2020	Roman Architecture Urban development – Roman city Building types / materials / construction techniques
7	24.03.2020	MIDTERM EXAM
8	07.04.2020	Roman architecture – continuing Building types / materials / construction techniques Roman cities in Anatolia
9	14.04.2020	Roman architecture – continuing
10	21.04.2020	Early Byzantine architecture Istanbul before Rome, formation of Constantinople Development of the city
11	28.04.2020	Early Byzantine architecture The age of Justinian
12	05.05.2020	Early Byzantine architecture The age of Justinian - continuing
13	12.05.2020	Mid and Late Byzantine architecture – an overview
14	19.05.2020	National Holiday

A possible technical excursion to Ancient Sites of SouthWestern Aegean region (3 days – date to be announced if this takes place)

A possible technical excursion to Hagia Sophia. (date to be announced)

Recommended Readings

Sources in English

- Adam, J.P.**, Roman Building Materials and Techniques, London 1999
Akurgal, E., Ancient Civilizations and Ruins of Turkey, Istanbul 2001
Coulton, C., Ancient Greek Architects At Work, Cornell 1977
Dinsmoor, W.B., The Architecture of Ancient Greece, London, New York, Toronto, Sydney, 1950
Kostof, S., A History of Architecture, London 1988
Krautheimer, R., Early Christian and Byzantine Architecture, Tennessee, 1981
Macdonald, W.L., The Architecture of the Roman Empire C. I- II, London 1982

Martin, R., Greek Architecture, London 1980
Perkins, J.W., Roman Architecture, New York, 1977
Robertson, D.S., Greek and Roman Architecture, London, 1974
White, K.D., Roman Architecture, London, 1984

Additional Sources in Turkish

Akurgal, E. Anadolu Uygarlıkları, İstanbul, 1987
Bingöl, O., Arkeolojik Mimaride Taş, İstanbul 2004
Clayton, P., Antik Dünyanın Yedi Harikası, İstanbul, 1999
Deighton, J., Eski Atina Yaşantısında bir Gün, İstanbul 2000
Deighton, J., Eski Roma Yaşantısında bir Gün, İstanbul 2002
Eyice, S. Son Devir Bizans Mimarisi, TTOK, İstanbul, 1980
Kuban, D., Byzantion, Konstantinopolis, İstanbul, Bir Kent Tarihi, İstanbul 1996
Müller-Wiener, W., İstanbul'un Tarihsel Topografyası : 17. yüzyıl başlarına kadar Byzantion-Konstantinopolis, İstanbul 2007
Rich, J., Geç Antik Çağda Kent, İstanbul 1999
Rumscheid, F., Priene, İstanbul, 1999
Vitruvius, Mimarlık Üzerine On Kitap, Ankara, 1993
Wycherly, W.E., Antik Çağda Kentler Nasıl Kuruldu, İstanbul, 1986
Yegül, F. Antik Çağda Hamamlar ve Yıkınma, İstanbul 2004

Course Assessment

Final evaluation will be based on one midterm (composing %40 percent of the final grade) and one final exam (composing %60 percent of the final grade).

Students should attend at least %70 percent of courses and take a minimum of 40 out of 100 in the midterm exam to be able to attend the final exam. Students who do not fulfill these requirements will fail the course with "VF" and will not be able to attend the final exam.

Contributors

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