

Course Information					
Course Title	Code	Semester	L+P Hour	Credits	ECTS
Ottoman Architecture	ARCH 594	Fall/Spring	3 + 0	3	7

Prerequisites	-
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Language of Instruction	English
Course Level	Master Program
Course Type	Elective
Course Coordinator	Prof. Dr. Ayşe Gülçin Küçükaya
Instructors	Prof. Dr. Ayşe Gülçin Küçükaya
Assistants	
Goals	The course aims to give students an understanding of the history of Ottoman Architecture and traditional building types. The course also introduces the bibliographical references and primary sources in a manner that enables the students to read and understand essays on the subject and make an advanced research.
Content	History of Ottoman Architecture from its early period in Anatolia to the end of the Empire and comparing it with contemporary world architecture (i.e. Architecture of Byzans, Renaissance , Baroque, etc.) according to building types.

Learning Outcomes	Program Learning Outcomes	Teaching Methods	Assessment Methods
Introduction of traditional building types	1, 2	1, 4, 7	A, D
Understanding design principles of traditional building types	1, 3	1, 2, 3	A, D
Researching and presenting on advanced subjects	7	1	C

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion, 4: Seminar, 5: Project, 6: Teamwork; 7: Technical excursion
Assessment Methods:	A: Testing, B: Jury, C: Homework, D: Quiz

COURSE CONTENT		
Week	Topics	Study Materials
1	Introduction to the course; Concept of Ottoman Architecture	
2	Ottoman-Turkish City; Formation, City-scape, Topography, Design	
3	Mosques and Masjids: History, Function, Types, Architectural Elements	
4	Tombs: History, Function, Types, Architectural Elements	
5	Education and Science: Madrasa, Darüşşifa, Darülkurra, Sıbyan mektebi	
6	Libraries: History, Function, Types, Architectural Elements	
7	Convert, Tabhane, Ashane, History, Function, Types, Architectural Elements	
8	<i>Semester Trip</i>	
9	Commercial Buildings: Bedesten, Arasta, Çarşı, Han	
10	Hamam: History, Function, Types, Architectural Elements	
11	Water Related Buildings: Sadirvans, Sebil and Fountains	
12	Water Distribution System: Dam, Aquaduct, Su terazisi, Maksem	
13	Civil Architecture; Palace, Hünkâr kasrı, Tas-oda	
14	Ottoman-Turkish Kulliye; Design, Building Types	

RECOMMENDED SOURCES	
Textbook	
Additional Resources	<p>Akın, N (Editor), Batur, A (Editor) & Batur, S. (Editor), Osmanlı Mimarlığının 7 Yüzyılı Uluslarüstü Bir Miras Uluslararası Kongre, Yapı-Endüstri Merkezi Yayınları, İstanbul, 1999</p> <p>Aslanapa, Oktay, Osmanlı Devri Mimarisi: Orhan Gazi'den Başlayarak Sonuna Kadar Padişahlara Göre Gelişmesi, İnkilap Kitabevi, İstanbul, 1986</p>

- Ayverdi, Ekrem Hakkı & Yüksel, İ. Aydın, İlk 250 Senenin Osmanlı Mimarisi, İstanbul Fetih Cemiyeti, İstanbul, 1976
- Barkan, Ömer Lütfi, Süleymaniye Cami Ve İmareti İnşaatı, (1550-1557) Cilt 1, 2, Türk Tarih Kurumu Yayınları, Ankara, 1972
- Bayram, Sadi (Editor), Mimarbaşı Koca Sinan, Yaşadığı Çağ ve Eserleri, Vakıflar Genel Müdürlüğü Yayınları, İstanbul, 1988
- Goodwin, Godfrey, A History of Ottoman Architecture, Thames and Hudson, Londra, 1993
- Kuban, Doğan, Sinan'ın Sanatı Ve Selimiye, Türkiye Ekonomik ve Toplumsal Tarih Vakfı, İstanbul, 1997
- Müller-Wiener, Wolfgang, İstanbul'un Tarihsel Topografyası, Yapı Kredi Yayınları, İstanbul, 2002
- Sönmez, Neslihan, Osmanlı Dönemi Yapı Ve Malzeme Terimleri Sözlüğü, Yapı-Endüstri Merkezi Yayınları, İstanbul, 1997
- Sözen, Metin & ve diğerleri, Türk Mimarisinin Gelişimi ve Mimar Sinan, İş Bankası Kültür Yayınları, 1975
- Tanyeli, Gülsün, Osmanlı Mimarlığında Demirin Strüktürel Kullanımı (15.-18. Yüzyıl), Doktora Tezi, İTÜ Fen Bilimleri Enstitüsü, İstanbul, 1990
- Uluengin, F., Uluengin, B. & Uluengin, M. B., Osmanlı Anıt Mimarisinde Klasik Yapı Detayları, Yapı-Endüstri Merkezi Yayınları, İstanbul, 2001
- Usta, G. K. & ve diğerleri, Anadolu Türk Mimarlığı İçin Görsel Sözlük, KTÜ, Trabzon, 2001
- Yenişehirlioğlu, Filiz, Türkiye Dışındaki Osmanlı Mimari Yapıtları, Ankara, 1989
- Akın, N (Editor), Batur, A (Editor) & Batur, S. (Editor), Osmanlı Mimarlığının 7 Yüzyılı Uluslararası Bir Miras Uluslararası Kongre, Yapı-Endüstri Merkezi Yayınları, İstanbul, 1999
- Aslanapa, Oktay, Osmanlı Devri Mimarisi: Orhan Gazi'den Başlayarak Sonuna Kadar Padişahlara Göre Gelişmesi, İnkılap Kitabevi, İstanbul, 1986
- Ayverdi, Ekrem Hakkı & Yüksel, İ. Aydın, İlk 250 Senenin Osmanlı Mimarisi, İstanbul Fetih Cemiyeti, İstanbul, 1976
- Barkan, Ömer Lütfi, Süleymaniye Cami Ve İmareti İnşaatı, (1550-1557) Cilt 1, 2, Türk Tarih Kurumu Yayınları, Ankara, 1972
- Bayram, Sadi (Editor), Mimarbaşı Koca Sinan, Yaşadığı Çağ ve Eserleri, Vakıflar Genel Müdürlüğü Yayınları, İstanbul, 1988
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Sönmez, Neslihan, Osmanlı Dönemi Yapı Ve Malzeme Terimleri Sözlüğü, Yapı-Endüstri Merkezi Yayınları, İstanbul, 1997

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Uluengin, F., Uluengin, B. & Uluengin, M. B., Osmanlı Anıt Mimarisinde Klasik Yapı Detayları, Yapı-Endüstri Merkezi Yayınları, İstanbul, 2001

Usta, G. K. & ve diğerleri, Anadolu Türk Mimarlığı İçin Görsel Sözlük, KTÜ, Trabzon, 2001

Yenişehirlioğlu, Filiz, Türkiye Dışındaki Osmanlı Mimari Yapıtları, Ankara, 1989

MATERIAL SHARING

Documents	Contact the course coordinator
Documents	Assignment submissions
Exams	Midterm, Final

ASSESSMENT

IN-TERM STUDIES	NUMBER	PERCENTAGE
Mid-terms		
Quizzes		
Project		
Seminar and presentation		
Assignment	1	100
Final		
Total		100
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		100
Total		100

COURSE CATEGORY

Expertise/Field Courses

COURSE'S CONTRIBUTION TO PROGRAM

No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Acquires knowledge of and comprehends socio-economic and spatial elements, and processes which necessitates urban design and also involves outputs of design projects.			x		
2	Has the competence for producing a comprehensive architectural project from the beginning of schematic design to detailed system development phase (structural and environmental systems, safety and fire protection, partition systems, building envelop, building service systems).					
3	Has the ability to employ the experience gained from architectural building to new fields and generate strategies.				x	
4	Has the knowledge of approaches, models and techniques which will improve the efficiency in managerial tasks and management of a architectural project and construction.					
5	Has the knowledge of principles of the modern load-bearing systems and application methods.					
6	Has the ability to transfer and apply architectural knowledge to design and application processes.					
7	Has the ability to employ theoretical and practical field-related knowledge with reference to their undergraduate competence.					
8	Has the ability to conduct research, evaluate, make critical analysis, employ appropriate techniques and reach unique results.				x	
9	Has the competence of relating to project and construction processes, analyzing and evaluating within the framework of architectural structure.				x	
10	Has the competence of taking strategic decisions of an architectural project and generating unique architectural solutions.					
11	Has the competence of systematically presenting a work- carried out individually or as a group work- visually, orally and in written by employing required computer programs.					
12	Has the knowledge of relation of urban design with architecture and other fields of expertise.					
13	Has the ability to prepare urban design project and/ or research by employing his/her knowledge and generating new methods and ideas.					
14	Has the ability to include socio-economic and spatial criteria into design process.					
15	Has the ability to conduct research, acquire knowledge, make analysis and synthesis, and use those for unique outputs.					
16	Has the competence of managing a project in urban design field individually.					
17	Has the competence of conducting a unique academic/ scientific study, presenting it and discussing it on a dialectic basis.					

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION

Activities	Quantity	Duration (Hour)	Total Workload (Hour)

Course Duration (Including the exam week: 14 x Total course hours)	14	3	42
Hours for off-the-classroom study (Pre-study, practice)	16	2,5	40
Mid-terms			
Quizzes			
Project			
Seminar and presentation	12	8	96
Assignment			
Final examination	1	2	2
Total Work Load			180
Total Work Load / 25			7.2
ECTS Credit of the Course			7