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MIM1006	Architectural Project - II	4+4+0	ECTS:9
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		MIM1001-Architectural Drawings And Design Project- I must have been passed	
Mode of Delivery		Face to face	
Contact Hours		14 weeks - 4 hours of lectures and 4 hours of practicals per week	
Lecturer		<u>Prof. Dr. Asu BEŞGEN</u>	
Co-Lecturer		Related Lecturers of Department of Architecture	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

To comprehend the relation of form and function in the process of creating architectural space.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : will develop their skills such as sketching, drafting, drawing and model making, which are the primary goals of each semester,	6	3,6,
LO - 2 will experience the architectural project development process by using the information they learned,	6	3,6,
LO - 3 comprehend the relationship of need, action and behavior in the architectural design process,	6	3,6,
LO - 4 will learn basic expression ways such as functional diagram, space graphics, matrices and access graphics,	6	3,6,
LO - 5 will analyze the concept of functionality in a space,	6	3,6,
LO - 6 will gain experience in understanding the relationship between architectural form and function.	6	3,6,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Depending on the scope of the projet's subject; * Architectural Form Creation Process, * Requirement, Action, Behavior facts and in relation to them; . Introducing and using tools such as function diagram, Space usage graphics, Matrices and Access graphics, * It is the questioning of the Form-Function relationship.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Acknowledgement of the subject of the term project, pre-design phase knowledge and discussions.	
Week 2	Presentation: Perspective/Exercise	
Week 3	Explanation the Project Subject	

- Week 4 Project Studies-Research and Presentation: Presentation of Selected Region-Research and Analysis
- Week 5 Project Studies-Research and Presentation: Needs, Action, Behaviour in the House
- Week 6 Project Studies- Alternatives: Functional Analysis in House / Graphic Expression
- Week 7 Project Studies-Development Phase: Sketching, Drafting, Model and Technical Drawings
- Week 8 Project Studies-Development Phase: Sketching, Drafting, Model and Technical Drawings
- Week 9 Mid-term exam
- Week 10 Jury's Studies
- Week 11 Project Studies-Reorganization
- Week 12 Project Studies-Technical Drawings
- Week 13 Project Studies-Technical Drawings
- Week 14 Project Studies-Information on Presentation
- Week 15 Project Studies-Information on Presentation
- Week 16 End-of-term exam

Textbook / Material

- 1 Ching, FDK, Mimarlık Biçim, Mekan ve Düzen, YEM Yayın, 2016.
- 2 Aksoy, Ö., Uyum Sürecinin Mimarlık Süreci İçinde Örneklenmesi, KTÜ yay, Trabzon, 1994.
- 3 Rasmussen, SE, Yaşanan Mimari, Remzi Kitabevi, 1994.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
In-term studies (second mid-term exam)	1,2,3,4,5,6,7,9,10,11,12,13,14	10/02/2022 14/05/2022	8	20
Presentation	8	13/04/2022 16/04/2022	8	30
End-of-term exam	15	21/05/2022	2	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	8	14	112
Sınıf dışı çalışma	4	14	56
Uygulama	4	14	56
Ödev	2	12	24
Dönem sonu sınavı için hazırlık	20	1	20
Dönem sonu sınavı	2	1	2
Total work load			270



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MİM1001	Architectural Drawings And Design Project- 1	4+4+0	ECTS:9
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery		Face to face	
Contact Hours		14 weeks - 4 hours of lectures and 4 hours of practicals per week	
Lecturer		Doç. Dr. Serbülent YURAL	
Co-Lecturer		Related lecturers of Department of Architecture	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

The aim of this course is to provide students with the ability of thinking in three dimensions and transferring the thought in two and three dimensions.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

Learning Outcome	CTPO	TOA
LO - 1 : develop the habit of architectural thinking by visio-spatial concepts for a design problem.	1	1,3,6,
LO - 2 interpret and express their experiences about their creative thoughts.	1	1,3,6,
LO - 3 test and develop their abilities of designing, expressing and communicating in the context of a simple design problem.	1	1,3,6,
LO - 4 propose simple structural and/or elementary solutions to certain uses for a design problem.	1	1,3,6,
LO - 5 to have the ability to drawing a project technically.	1	1,3,6,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

In the first design studio that aims at establishing a habit of architectural thinking by visio-spatial concepts, experimentation with creative thoughts on the one hand and improvement of skills in designing, expressing and communicating architectural intentions on the other, are obtained by appropriate pedagogical tools. Design problems are so defined as to lead students to experiment with creative concepts and ways to arrive at solutions, thereby building a habit of thinking and contemplating with hands. Simple structural and elementary solutions to certain uses are intended in this studio.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Explanation of the Course Content	
Week 2	Perspektive	
Week 3	Explanation of Projection and Projection Methods: Drawing the Objects.	
Week 4	Lecture about Stairs and Technical Drawing of Stairs	

Week 5 Sample Drawing Exercise Plan / Sections / Elevations

Week 6 Sample Drawing Exercise Plan / Sections / Elevations

Week 7 Introduction to Project: Shelter

Week 8 Project Studies-Researches and Presentations

Week 9 Mid-term exam

Week 10 Project Studies-Alternatives

Week 11 Project Studies-Alternatives

Week 12 Project Studies-Process

Week 13 Project Studies-Technical Drawing

Week 14 Project Studies-Working for Final Project

Week 15 Project Studies-Working for Final Project

Week 16 End-of-term exam

Textbook / Material

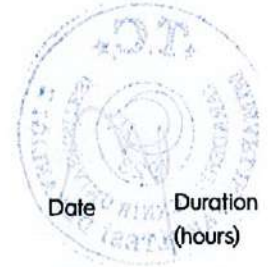
- 1 O.,Şahinler, F., Kızıl. 2014; Mimarlıkta Teknik Resim, YEM Yayın, İstanbul
- 2 Neufert. 2014; Yapı Tasarımı, Beta Yayıncılık, İstanbul
- 3 N., Kiraç. 2013; Teknik Resim, Dora Yayınları, Bursa
- 4 C., Ertekin. 2010; Teknik Resim, Elif Yayınevi, Ankara
- 5 H., Yeşilkütük, A., Bir, N., Etemoğlu. 2010; Teknik Resim 1-2, Dora Yayınları, Bursa
- 6 L.,Farrelly. 2015; Mimarlıkta Sunum Teknikleri, Literatür Yayıncılık, İstanbul
- 7 H., Wittel, U., Kurz. 2012; Teknik Resim (Temel Bilgiler, Standartlar, Tasarı Geometri ve Alıştırmalar), Nobel Akademi, Ankara
- 8 A., Sarı. 2000; Merdivenler, YEM Yayın, İstanbul
- 9 F.D.K., Ching. 2011; Mimarlık Biçim, Mekan ve Düzen, YEM Yayın, İstanbul
- 10 O., Hacıhasanoğlu. 2012; Mimari Maket Yapım Teknikleri, İTÜ Mimarlık Fakültesi, İstanbul



Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	2022	2	20
	5			
Homework/Assignment/Term-paper	8	2022	2	30
	13			
End-of-term exam	16	2022	2	50



Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	8	14	112
Sınıf dışı çalışma	4	14	56
Uygulama	4	14	56
Ödev	2	12	24

Dönem sonu sınavı için hazırlık	20	1	20
Dönem sonu sınavı	2	1	2
Total work load			270



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AITB1001	Atatürk's Principles and History of Turkish Revolution - I	2*0*0	ECTS:2
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		=	
Co-Lecturer		Prof. Dr. Uğur ÜÇÜNCÜ, Lect. Veysel USTA, Lect. Semra ÖZEN, Lect. Aziz AŞAN	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

to study and teach revolution and similar concepts which prepare the Turkish Revolution and the collapse of the Ottoman Empire, 1st World War, National reactions after the Occupation of Anatolia, Atatürk, his life and principles, Preparation period of Turkish Grand Independence War, Opening the Turkish National Assembly (TBMM) , Abolishment of the Sultanate, Lozan Peace treaty, Declaration of Republic.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
understand about the basic features, aims of the		
LO - 1 : revolutions and related concepts and their relations with each other.	4,5	1,
LO - 2 grasp basic knowledge related to the internal and external reasons leading to the collapse of the Ottoman Empire, and glean lessons from this process.	4,5	1,
LO - 3 understand the revolutionary movements aiming to save the Ottoman Empire from collapsing, and understand why these movements failed, and make comparisons with Atatürk's modernisation movements.	4,5	1,
LO - 4 understand why the Ottoman Empire collapsed and grasp the importance of the national movement initiated by Atatürk, comprehend national, historical and cultural importance of this arousal.	4,5	1,
LO - 5 understand how Independence War was won, with great self-sacrifice, and how the Turkish Republic was founded, and be able to grasp Turkish Revolutions and Atatürk's Principles wholeheartedly.	4,5	1,
LO - 6 reserach various visual and written sources, materials and documents related to these subjects.	4,5	1,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

historical concepts, descriptions, descriptions of resources and methods, French Revolution and Industrial Revolution, Collapse of the Ottoman Empire, Tanzimat and Islahat Firman (order) , I. and II. Constitutional Monarchy, Tripoli and Balkan Wars, I. World War, Mondros Truce, Wilson principles, Paris Conference, Atatürk, Samsun and Anatolia, Amasya Notice, National Congress, Opening the Mebusan Assembly, Foundation of Turkish National Assembly (TBMM) , Internal rebellions, 1921 Organic Law, Foundation of the Army, I. İnönü, Sakarya, Kütahya, Eskişehir Wars and the Last Attack, Pacts during the Turkish War of Independence, Lozan Pact, Abrogate of Saltanate.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	introduction to the lecture and concept analysis	
Week 2	The reasons of Turkish Revolution and the internal and external reasons of the collapse of the Ottoman State	
Week 3	Renovation movements in Ottoman Empire, The reforms in Tanzimat period, The First and The Second Constitutional Monarch	
Week 4	The Movements of Ideas in the late years of the Ottoman Empire (Ottoman, Islam, Western and Turkish Reflections), The Rule of The Committee of Union and Progress, March 31 rebellion, Tripoli and Balkan Wars.	
Week 5	The causes of World War I, the outset of the war, The Involvement of the Ottoman Empire in the war. Fronts and their results	
Week 6	The treaties about the allocation of the Ottoman Empire (The Bosphorus Treaty, London Treaty, Skyes Picot Treaty, St. Jean de Mourienne Treaty) The end of The World War I, Armenian incidents, Mondros Armistice	
Week 7	National Struggle Period, the condition of the country in face of the occupations, Committees and their activities, Atatürk's arrival in İstanbul and overview the situation	
Week 8	The landing of Mustafa Kemal to Samsun, His activities in Havza and Amasya Announcement, Erzurum Congress and its importance	
Week 9	Mid-term exam	
Week 10	Balikesir and Alaşehir Congresses, The Importance of the Sivas Congress and other Congresses during the National Struggle period	
Week 11	Amasya Negotiations, the meeting held with the Commanders in Sivas, The arrival of Representative Committee. The meeting of the last Ottoman members of Parliament the National Pact of 1920	
Week 12	The opening of the Turkish Grand National Assembly, The Media in the National Struggle, The rebellions against the Turkish Grand National Assembly. The plans of allocating Turkey	
Week 13	The foundation of the National Army (The Nationalist Forces, Systematic Army) The Southern and Southeastern Fronts, The Eastern Front (The Turkish Grand National Assembly-Soviet Russia Relations)	
Week 14	Armenian Problem, The wars against the Armenians, Turkish - Georgia Relations, The Western Front, (The First and Second İnönü Wars, Kütahya-Eskişehir Wars)	
Week 15	Sakarya Battle, Grand Attack, Mudanya Ceasefire, The abolishment of the Sultanate	
Week 16	End-of-term exam	

Textbook / Material

- 1 M. Goloğlu, Türk Devrim Tarihi, Trabzon 2010
- 2 Mustafa Kemal, 1932, Nutuk, Ankara

Recommended Reading

- 1 Komisyon, 2006, Türkiye Cumhuriyeti Tarihi, Atatürk Araştırma Merkezi Yayınları

Method of Assessment



Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	24/11/2021	30	50
End-of-term exam	16	12/01/2022	30	50

Student Work Load and Its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Laboratuar çalışması	0	0	0
Arasınav için hazırlık	3	2	6
Arasınav	2	1	2
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	0	0	0
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	4	2	8
Dönem sonu sınavı	2	1	2
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			60



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AITB1000 Atatürk's Principles and History of
Turkish Revolution - II

2+0+0

ECTS:2

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

14 weeks - 2 hours of lectures per week

Contact Hours

=

Lecturer

Prof. Dr. Uğur ÜÇÜNCÜ, Lect. Veynel USTA,
Lect. Semra ÖZEN, Lect. Aziz AŞAN

Co-Lecturer

Language of instruction

Turkish

Professional practise (Internship)

None

The aim of the course:

To give accurate information about Atatürk's Revolutions and the Atatürkist Thought system and the History of the Republic of Turkey, to train Turkish youth in line with the Kemalist Thought System.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	understand how Atatürk tried to improve Turkish Republic in the fields of politics, economics, law, education and culture. comprehend the importance of foreign affairs so that they will have the same ideas and ideals and behaviours as Atatürk had, with a consciousness of peace and stabilization with the help of Atatürk's principle of peace at home, peace in the world.	8	1,
LO - 2 :	comprehend aims and the importance of Atatürk's principles to defend them consciously.	8	1,
LO - 3 :	research various visual and written sources, materials and documents related to these subjects.	8	1,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Revolutions in the political field, political parties and attempts to transition to multi-party political life, revolutions in the field of law, regulation of social life, innovations in the economic field, Turkish foreign policy in the period of 1923-1938, Turkish foreign policy after Atatürk, Principles of the Turkish Revolution: (Republican, Populism, Secularism, Revolutionism, Statism, Nationalism). Integrative Principles.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	The foundation of the National Army (The Nationalist Forces, Systematic Army), The Southern and Southeastern Fronts	
Week 2	The Eastern Front (The Turkish Grand National Assembly-Soviet Russia, Relations Armenian Problem. The wars against the Armenians, TGNA - Georgia Relations)	
Week 3	The Western Front, (The First and Second İnönü wars, Kütahya-Eskişehir wars), Sakarya Battle, Grand Attack	

- Week 4 Social, Financial and weaponry Sources of National Struggle, Mudanya Ceasefire, The abolishment of the Sultanate
- Week 5 Lausanne Conference and Peace, the opening of the Second Turkish Grand National Assembly
- Week 6 Turkish Revolutionary Movements. The First Political Parties of the Republican Period, İzmir Assassination, Menemen Incident
- Week 7 Legal Revolution. Educational and Cultural Revolution (Education during the Republic)
- Week 8 The studies in the fields of History, Language and fine arts. The revolutions in the field of Social Life
- Week 9 Mid-term exam
- Week 10 The Regulations in economic field. The Studies of forming National Economy
- Week 11 The Foreign Policy of Turkish Republic during Atatürk Period. Foreign Policy Events in 1929-1932
- Week 12 Foreign Policy Events in 1932-1939. The features of Foreign Policy during Atatürk period
- Week 13 The Second World War and Turkey. The outcomes of World War II
- Week 14 The principles of Atatürk (Republicanism, Nationalism, Populism, Secularism)
- Week 15 The principles of Atatürk (Statism, Revolutionism), The complementary principles of Atatürk
- Week 16 End-of-term exam

Textbook / Material

- 1 Mumcu, A., Özbudun, E., Feyzioğlu, T., Ülken, Y., Çubukçu, A. 1992; Atatürk İlkeleri ve İnkılap Tarihi, Yüksek Öğretim Kurulu Yayınları, Ankara.
- 2 Atatürk, M. K., 2005; Nutuk, Alfa Yayınları, İstanbul.
- 3 Alpargu, M., Özçelik, İ., Yavuz, N., 2003; Atatürk İlkeleri ve İnkılap Tarihi, Gündüz Eğitim ve Yayıncılık, Ankara.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	20/04/2022	30	50
End-of-term exam	16	08/06/2022	30	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Laboratuar çalışması	0	0	0
Arasnav için hazırlık	7	1	7
Arasnav	2	1	2
Uygulama	0	0	0
Klinik Uygulama	0	0	0



Ödev	0	0	0
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	7	1	7
Dönem sonu sınavı	2	1	2
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			60



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MIM1007	Basic Design	2+4+0	ECTS:6
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			

Contact Hours	14 weeks - 2 hours of lectures and 4 hours of practicals per week
Lecturer	Prof. Dr. Nilgün KULOĞLU Prof. Dr. Asu Beşgen, Assoc. Prof. Dr. Serap Durmuş Öztürk, Assoc. Prof. Dr. Serbülen Vural, Instructor Dr. Kıymet Özyavuz, Dr. Gürkan Topaloğlu, Dr. Selin Oktan, Dr. Çağlar Aydın
Co-Lecturer	
Language of instruction	Turkish
Professional practise (internship)	None

The aim of the course:

To give the students basic knowledge of design, to teach them design principles, design elements and to make practices to enhance the students.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : understand the design concept.	3	3,6,
LO - 2 constitute the composition with design elements and design principles.	3	3,6,
LO - 3 develop the construction of two and/ or three dimensional compositions.	3	3,6,
LO - 4 gain ability to turn the abstract and concrete concepts into two and/ or three dimensional compositions	3	3,6,
LO - 5 have the ability to interpret the design concepts in a spatial context.	3	3,6,

CTPO : Contribution to programme outcomes, TOA :type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

The element of design and principles of design, visual communication and perception on visual arts, connection with shape between ground, space, form and geometry, space in architecture, the practices on design element (line, direction, dimension, texture, shape, colour, value) and the practices on design principles (harmony, contrast, hierarchy, unity, domination, balance) , the comprehension of the two and three dimensional organization.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Definitions of the concepts on basic design, design-designing-creativity.	
Week 2	Presenting and practising the design elements of dot-line-direction.	
Week 3	Presenting and practising the design elements of size-shape/form-proportion-distance.	
Week 4	Presenting the design element of texture. Practising a design of a texture.	

Week 5 Practices on shape-size-proportion-texture.

Week 6 Presenting and practicing value-color; warm-cool colors, complementary color pairs.

Visual communication and visual perception in visual arts, the ways of obtaining certainty in compositions, obtaining certainty by the way of symmetry in compositions. Practice.

Week 8 Expressions of depth; overlapping, transparency, lineation. Practice.

Week 9 Mid-term exam

Week 10 Design principles; presenting the repetition, harmony, contrast. Practice.

Week 11 Presenting and practicing the design principles of hierarchy.

Week 12 Presenting and practicing the design principles of unity-balance-domination.

Week 13 Presenting space-form-geometry. Practising three dimensional form examples.

Week 14 Presenting and practicing plane-pattern-modulation.

Week 15 Practising three dimensional abstract form examples.

Week 16 End-of-term exam

Textbook / Material

- 1 Gürer, L., 1990, Temel Tasarım, İTÜ Matbaası, İstanbul.
- 2 Gürer, L., 1992, Görsel Sanat Eğitimi ve Mekan-Form, İTÜ Baskı Atölyesi, İstanbul.

Recommended Reading

- 1 Ipsiroglu, N., Ipsiroglu, M., 1970, Sanatta Devrim, Remzi Kitabevi, İstanbul, 1991 Denel, B., Tasarım Üzerine-Bir Deneme, Yükselen Matbaacılık, İstanbul.
- 2 Denel, B., Temel Tasarım ve Yaratıcılık, ODTÜ Mimarlık Fak. Basım isbirliği, Ankara, 1981
- 3 Denel, B., 1981, Temel Tasarım ve Yaratıcılık, ODTÜ Mimarlık Fak. Basım isbirliği, Ankara.
- 4 Graves, M., 1951, The Art of Color and Design, Mc Graw-Hill Book Company Inc., Newyork.
- 5 Güngör, H., 1987, Temel Tasar (Basic Design), Afa Matbaacılık, İstanbul.
- 6 Divanlıoğlu, D., 1997, Temel Tasar-Tasar' in Öge ve İlkeleri, Birsen Yayınevi, İstanbul.



Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Homework/Assignment/Term-paper	5	26/10/2021-29/10/2021	6	60
	10	30/11/2021-03/12/2021	6	
	14	28/12/2021-31/12/2021	6	
	16	26/11/2021	4	
End-of-term exam	16	26/11/2021	4	40

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	6	14	84
Sınıf dışı çalışma	3	14	42
Laboratuvar çalışması	0	0	0

Arasınay için hazırlık	0	1	0
Arasınay	1	1	1
Uygulama	4	10	40
Klinik Uygulama	0	0	0
Ödev	2	3	6
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	2	3	6
Dönem sonu sınavı	1	1	1
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			180



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MİM1000	Building Science	2+0+0	ECTS:2
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery		Face to face, Group study	
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		<u>Doç. Dr. Reyhan MİDİLLİ SARI</u>	
Co-Lecturer			
Language of instruction		Turkish	
Professional practise (Internship)		None	

The aim of the course:

Being equipped with main information about profession, building and environment, placing observation power and desire.

Learning Outcomes

Upon successful completion of the course, the students will be able to :

Learning Outcomes	CTPO	TOA
LO - 1 : Learn the basic concepts of architectural design and its process	3,8	1,3,
LO - 2 : Identify and explain form, function and space	3,8	1,3,
LO - 3 : learn the building elements, organization principles and design	3,8	1,3,
LO - 4 : Remember main information about anthropometry-human sizes and environment relation	8	1,3,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Main components, concepts and processes about building. Components that constitutes building by means of architectural wholeness. dimensions and expansions of function, form, technology, economy, ecology concepts. Building typologies. All building features, building- human-environment relations and evaluation of building at the degree of components.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Introduction, explanation of the content of the course	
Week 2	Planning cases in Architecture, design concept in architecture, the buildings program.	
Week 3	Building system expansion levels, different levels of functional structures, Action-action space concepts and house	
Week 4	The concept of function, organization of function, the function of housing distribution, create a function diagram of the section of housing.	
Week 5	Dimensions- form relationships with humans, anthropometry, dynamic and static dimensions of the human being.	
Week 6	User and user requirements, the concept of Universal Design	
Week 7	Relationship of Ecology, Environment and Architecture	

Week 8 Building components, examine the structure of samples.

Week 9 midterm

Week 10 Building components, examine the structure of samples.

Week 11 The concept of form in architecture, form elements, form creation forms. The discussion on the sample building.

Week 12 The concept of form in architecture, form elements, form creation forms. The discussion on the sample building.

Week 13 The concept of space in architecture, definitions, factors that make up the space, type of space, understanding of different places.

Week 14 The concept of space in architecture, definitions, factors that make up the space, type of space, understanding of different places.

Week 15 Environment-space-public space concepts, relationships, examine on the samples.

Week 16 Final Exam

Textbook / Material

- 1 Bolak, O. 1967; Bina Bilgisi Temel Bilgiler, İTÜ Mimarlık Fak. Yayını, İstanbul.
- 2 Arcan, E. F., Evcı, F., 1992, Mimari Tasarıma Yaklaşım, İki K yayınevi, İstanbul.
- 3 Mutlu, A., 1973, Bina Bilgisi, Dizer Kanca Matbaası, İstanbul.
- 4 Ching, F.D., 1979, Mimarlık: Biçim, Mekan ve Düzen, YEM Yayınları, İstanbul.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	2022	1	50
End-of-term exam	16	2022	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Arasnav için hazırlık	2	1	2
Arasnav	1	1	1
Ödev	2	5	10
Dönem sonu sınavı için hazırlık	4	1	4
Dönem sonu sınavı	1	1	1
Total work load			60



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MIM1002 Computer Aided Design 2+2+0 ECTS:4

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

Contact Hours

14 weeks - 2 hours of lectures and 2 hours of practicals per week

Lecturer

Doç. Dr. Süleyman ÖZGEN

Co-Lecturer

DOCTOR LECTURER Ayhan KARADAYI,

Language of instruction

Turkish

Professional practise (internship)

None

The aim of the course:

At the end of the course, successful students will be able to use a CAAD software and will be able to make architectural drawings, models and presentations through this software.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 : They will be able to comprehend the logic of use of at least one of the computer aided drawing programs and use them effectively.

1,3

3,4

LO - 2 They will be able to create precise two-dimensional and three-dimensional drawings.

1,3

3,4

LO - 3 They will be able to comprehend the relations between the learned programs and their use together.

1,3

3,4

LO - 4 They will be able to develop various presentation techniques for their designs.

1,3

3,4

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

The course focuses on teaching computer-aided Architectural Design (CAAD) software such as autocad, sketchcup, etc., which are widely used in architectural drawing and modeling.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Introduction to course, and some terms "Computer Aided Architectural Design (CAAD)", "Computer Aided Manufacturing (CAM)".	
Week 2	Introduction to basic CAAD commands.	
Week 3	Introduction and application of some basic CAAD commands.	
Week 4	Introduction and application of some basic CAAD commands.	
Week 5	Introduction and application of some basic CAAD commands.	
Week 6	Application and drawings of basic architectural plan schemas with software commands.	
Week 7	Application and drawings of basic architectural plan schemas with software commands.	
Week 8	Application and drawings of basic architectural plan schemas with software commands.	

Week 9 Mid-Term Examination.

Week 10 Introduction and application of advanced commands.

Week 11 Introduction and application of advanced commands.

Week 12 Application of homeworks.

Week 13 Drawing of a small scale architectural project.

Week 14 Drawing of a small scale architectural project.

Week 15 Drawing of a small scale architectural project.

Week 16 Final Examination.

Textbook / Material

- 1 <http://www.autodesk.com/products/autocad/overview>
- 2 <http://www.sketchup.com/learn>

Recommended Reading

- 1 Demiryürek, Mehmet Şamil. 2015. AutoCAD 2015. Seçkin Yayınevi, İstanbul.
- 2 Baykal, Gökalp. 2011. AutoCAD 2011, Her Yönüyle. Alfa Yayınları, İstanbul.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	2022	4	50
End-of-term exam	16	2022	4	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	1	9	9
Arasnav için hazırlık	3	1	3
Arasnav	4	1	4
Uygulama	2	14	28
Ödev	2	3	6
Proje	3	2	6
Dönem sonu sınavı için hazırlık	4	1	4
Dönem sonu sınavı	4	1	4
Total work load			120



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YDB1004	English - II	2*0+0	ECTS:2
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		Öğr. Gör. Dr. Kazım BABACAN	
Co-Lecturer			
Language of instruction			
Professional practise (internship)		None	

The aim of the course:

The course aims to enable the students with an overall knowledge on the basis of department, to supply them to understand what the branch is interested in, the importance of the field, its significance in the contemporary world and to comprehend a passage and express what they understand in English verbally and in prose.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : comprehend the texts chosen from various technical topics and make sentences in their fields, write an essay.	15	1,3
LO - 2 : learn the basic words used in their field and translate the articles from mother tongue to English or vice versa.	15	1,3
LO - 3 : make sentences and write essays related to the significance in their field.	15	1,3
LO - 4 : make some presentations and evaluations.	15	1,3

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Reading texts related to the department; grammar activities; related vocabulary and translation between two languages; listening activities; discussions over the related current topics in the field

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Education and Life; Description, using context clues, suffix -wide	
Week 2	City Life; Expositon, using context clues, skimming for main ideas	
Week 3	Business and money; words with similar meaning, contrast	
Week 4	Jobs and professions; adjective and noun phrases; participles as adjectives	
Week 5	Lifestyles around the world; dictionary entries, understanding idioms	
Week 6	Global Connections; understanding outlines, making inferences	
Week 7	Langugage and Communication; distinguishing facts from theories, categorizing	
Week 8	Tastes and preferences; incresing reading speed, predicting reading content	

Week 9 Mid-term exam

Week 10 New Frontiers; prefixes and suffixes, summarizing

Week 11 Medicine, Myths and Magic; scanning for information, getting meaning from context

Week 12 The Media; using context clues, writing topic sentence

Week 13 With Liberty and Justice for all; finding important details

Week 14 Language and Learning; essay analysis, identifying exact words

Week 15 Sex and Gender; using context and structure clues, paraphrasing theme or main idea

Week 16 Final exam

Textbook / Material

- 1 Veliođlu, A., Kandiller, B. 1996; Reader at work-1-2, METU, Ankara

Recommended Reading

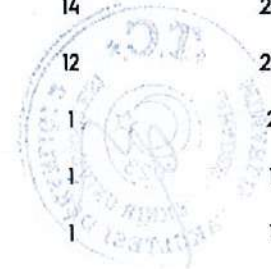
- 1 Malarcher C., Janzen A. 2004; Reading for the Real World 1-2, Great Britain

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	12/04/2023	0.5	50
End-of-term exam	16	02/06/2023	0.5	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	2	12	24
Arasınan için hazırlık	2	1	2
Arasınan	1	1	1
Kısa sınav	1	1	1
Dönem sonu sınavı için hazırlık	3	1	3
Dönem sonu sınavı	1	1	1
Total work load			60



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YDB1001	English - I	3*0+0	ECTS:3
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 3 hours of lectures per week	
Lecturer		Öğr. Gör. Polat ÇİÇEK	
Co-Lecturer		INSTRUCTOR POLAT ÇİÇEK,	
Language of instruction			
Professional practise (internship)		None	

CURRICULUM

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The aim of the course:

To enable students make meaningful sentences in English using grammatical rules and express themselves orally and in a written way.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 : express the statements used in daily life.	10,11	1
LO - 2 : state their problems using a simple language.	10,11	1
LO - 3 : write letter or petition using correct sentence patterns.	10,11	1
LO - 4 : understand reading passages and answer the questions related to the text.	10,11	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

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Contents of the Course

Unit 1) Present Simple / Present Progressive Unit 2) Articles / Nouns Unit 3) Some-Any-No-Every / Much-Many-A lot of-A few-A little / How much?-How many? Unit 4) Object Pronouns / Possessive Adjectives / Possessive Pronouns / Possessive Case Unit 5) Adjectives / Adverbs / Comparisons -- Revision Units 1-5 -- Unit 6) Past Simple / Past Progressive Unit 7) Prepositions of Time / Prepositions of Place / Prepositions of Movement ARA SINAV Unit 8) Relative Clauses / Relative Pronouns (who, which, that, whose) Unit 8) Relative Clauses / Relative Pronouns (who, which, that, whose) Unit 9) Reflexive ? Emphatic Pronouns / Which? / One - Ones -- Revision Units 6 ? 9 -- Unit 10 Present Perfect Simple Unit 11) Present Perfect Simple vs. Past Simple / The verb used to
DÖNEM SONU SINAVI

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Present Simple / Present Progressive	
Week 2	Articles / Nouns	
Week 3	Unit 3) Some-Any-No-Every / Much-Many-A lot of-A few-A little / How much?-How many?	
Week 4	Object Pronouns / Possessive Adjectives / Possessive Pronouns / Possessive Case	
Week 5	Adjectives / Adverbs / Comparisons	

Week 6 Past Simple / Past Progressive

Week 7 Prepositions of Time / Prepositions of Place / Prepositions of Movement

Week 8 Revision of the units

Week 9 Ara sınav

Week 10 Relative Clauses / Relative Pronouns (who, which, that, whose)

Week 11 Relative Clauses / Relative Pronouns (who, which, that, whose)

Week 12 Reflexive ? Emphatic Pronouns / Which? / One - Ones

Week 13 Revision Units 6 ? 9

Week 14 Present Perfect Simple

Week 15 Present Perfect Simple vs. Past Simple / The verb used to

Week 16 Final exam

Textbook / Material

- 1 Mitchell H. Q., Parker S, 2004, Live English Grammer, Elementary, Great Britain

Recommended Reading

- 1 Kirn, E. Hartmann, P. 2002; Interactions 2 Reading, McGraw Hill, New York

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	8	12/11/2021	1	50
End-of-term exam	16	28/12/2021	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	3	14	42
Sınıf dışı çalışma	1	14	14
Laboratuar çalışması	0	0	0
Arasınava için hazırlık	1	7	7
Arasınava	1	1	1
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	0	0	0
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	1.5	6	9
Dönem sonu sınavı	1	1	1



Diğer 1	1	1	1
Diğer 2	0	0	0
Total work load			75



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MAT1015	Mathematics	2+2+0	ECTS:4
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			

Contact Hours	14 weeks - 2 hours of lectures and 2 hours of practicals per week
Lecturer	Doç. Dr. Filiz OCAK
Co-Lecturer	
Language of instruction	Turkish
Professional practise (internship)	None

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The aim of the course:

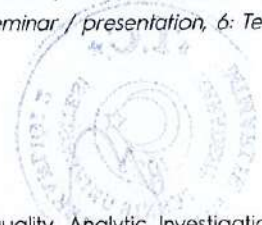
The aim of the course is to teach the basic mathematical techniques, introducing at the same time a number of mathematical skills which can be used for the analysis of problems. The emphasis is on the practical usability of mathematics; this goal is mainly pursued via a large variety of examples and applications from these disciplines.

ACADEMIC UNITS

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Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : The student will be able to teach the basic mathematical techniques	1,3	1
LO - 2 : The student will be able to gain the basic mathematical skills	1,3	1
LO - 3 : The student will be able to apply the basic mathematical skills to the vocational problems	1,5	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome



Contents of the Course

Real Numbers, Exponential and Power Terms, Absolute Value, Inequality, Analytic Investigation of Lines, Single Value Functions, Kinds of Functions and Its Graphs, Limits and Continuity, Derivative and Geometric Meaning of Derivative, General Derivative Rules, Derivatives of Inverse and Composition Functions. High Order Derivations, Leibniz Theorem, Increasing and Decreasing Functions, Concave and Convex Functions, Problems of Maximum and Minimum, Indefinite Integrals and Elementary Integral Rules, Method of Variable Change, Partial Integration, Separation of Simple Fractions, Definite Integrals, Applications of Areas Between Curves By Definite Integral, Matrices and Matrice Operations, Solutions of Linear Equation System, Gauss Elimination Method, Determinants and Properties,

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Real numbers, exponents and radicals, absolute value, simple inequalities	
Week 2	Function concept, domains and graphs of basic functions	
Week 3	Shifting graphs of basic functions, exponential and logarithmic function concept	
Week 4	The concept of limit in functions, the limit at infinity, the infinity of the limit, the 0/0 and ∞/∞ uncertainties, the concept of continuity	

- Week 5 Derivative definition, derivative calculation rules (chain rule, implicit function derivative, higher-order derivative)
- Week 6 Applications of the derivative (Geometric interpretation of the derivative, maximum-minimum)
- Week 7 Applications of the derivative (Maximum-minimum, application of the derivative to the limit)
- Week 8 Indefinite integral, variable substitution method
- Week 9 Mid-term exam
- Week 10 Partial integration method, simple fractionation method
- Week 11 The definite integral, area of the region between two curves
- Week 12 Matrices and determinants
- Week 13 Linear equation systems
- Week 14 Solution of linear equation systems with the help of echelon form
- Week 15 Cramer's method
- Week 16 End-of-term exam

Textbook / Material

- 1 Thomas, G.B., Finney, R.L.. (Çev: Korkmaz, R.), 2001. Calculus ve Analitik Geometri, Cilt I, Beta Yayınları, İstanbul.
- 2 Balcı, M. 2009. Genel Matematik I, Balcı Yayınları, Ankara

Recommended Reading

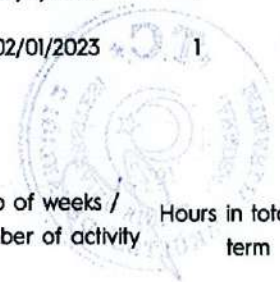
- 1 Kolman, B., Hill, D.L. (Çev Edit: Akın, Ö) 2002. Uygulamalı lineer cebir. Palme Yayıncılık,

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	14/11/2022	1	50
End-of-term exam	16	02/01/2023	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	2	14	28
Laboratuvar çalışması	0	0	0
Arasınav için hazırlık	3	1	3
Arasınav	1	1	1
Uygulama	2	14	28
Dönem sonu sınavı için hazırlık	3	1	3
Dönem sonu sınavı	1	1	1
Total work load			120



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TDBI000 Turkish Language - II 2+0+0 ECTS:2

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

Contact Hours

14 weeks - 2 hours of lectures per week

Lecturer

Öğr. Gör. Alper KILIÇOĞLU

Co-Lecturer

Prof. Dr. Ülkü ELİUZ, Lect. Osman DEMİRAYAK,

Lect. Alper KILIÇOĞLU, Lect. Güneş EKMEKÇİ

AŞAN

Language of Instruction

Turkish

Professional practise (internship)

None

The aim of the course:

The main objective of this course is to teach the young the structural features, methodology and richness of language and enable them to arouse the love of Turkish language which is fundamental principle of our national unity.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	comprehend the languages spoken in the world and the place of Turkish language among them.	15	1
LO - 2 :	learn Turkish culture, customs and traditions exactly and be accepted in the society.	15	1
LO - 3 :	improve national language and use it in better way.	15	1
LO - 4 :	use science and knowledge by improving mother tongue.	15	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Punctuation and Composition (Punctuation Marks, Other Marks) marks of abbreviations, Spelling Rules (The spelling of capital letters, The writing of quotations, numbers, The Composition the purpose of composition, method in composition writing, planning, introduction, development and result in composition, the features of telling (purity in telling, simplicity in telling, clarity and sincerity in telling mistakes in telling (the use of synonymous words in the sentence). The use of synonymous words in the sentence, The misuse of phrases, Explanation, story, description, criticism, portray, speaking, proving. The kinds of verbal telling (daily and unprepared speaking- prepared speaking, debate, panel) The kinds of written telling (letter, telegraph, celebration, invitation, literary letter Job letters, formal letter, petition, report, decision, announcement, advertisement). Talking, criticism, memoir, travel, writing, interview, survey Autobiography biography novel- story, fable- theater tragedy, drama- scenario, poetry and its kinds.



Course Syllabus

Week	Subject	Related Notes / Files
Week 1	marks of punctuation. (point, comma, semicolon, double point, interjection)	
Week 2	marks of punctuation. (inverted commas, paranthesis)	
Week 3	The rules of orthography. (Writing of capitals and numbers and compounds)	
Week 4	The rules of orthography. (writing of idioms, dieresis, quotation words and foreign proper nouns)	
Week 5	The rules of orthography. (The writing of abbreviation and some additions.)	
Week 6	composition. (definition, aim, being succesful in composition)	
Week 7	The methods of composition. (The constitutetion of assistant reflection and main reflection.)	
Week 8	The methods of composition. (The constitutetion of paragraph, the methods of progress of reflection in paragraph)	
Week 9	Mid-term exam	
Week 10	The properties of expression.	
Week 11	Failure to expression property.	
Week 12	The forms of expression. (collecting homeworks)	
Week 13	varieties of expression. (oral expression)	
Week 14	varieties of expression. (written expression- letter, petition)	
Week 15	varieties of expression.(written expression- story, fiction, theatre, verse)	
Week 16	End-of-term exam	



Textbook / Material

- İNCE, Y. ; DEMİRAYAK, O; KILIÇOĞLU A. 2009, YÖK ÇERÇEVE PROGRAMINA UYGUN TÜRK DİLİ ve KOMPOZİSYON BİLGİLERİ, AKSAKAL KİTAPEVİ, TRABZON.

Recommended Reading

- Ergin, Prof Dr. Muharrem, 1995, ÜNİVERSİTELER İÇİN TÜRK DİLİ, Bayrak Yay. İstanbul.
- ÖNER, Sakin 2005, Örneklerle Kompozisyon, Düzenli Yazma ve Konuşma Sanatı, Yuva Yay. İstanbul.
- İmla Kılavuzu 1996, TDK Yay. Ankara.
- GÜLENSOY, Prof. Dr. Tuncer 2000, TÜRKÇE EL KİTABI, Akçağ Yay. Ankara.
- Banguoğlu, Tahsin. 1974; Türkçenin Grameri, Baha Matbaası, İstanbul
- TDK Yazım Kılavuzu- Sözlük

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	30.04.2023	30 dk.	50
Quiz	20 soruluk çoktan seçmeli sınav. Süre 30 dakika.			
End-of-term exam	16	14.06.2023	30 dk.	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Laboratuar çalışması	0	0	0
Arasnav için hazırlık	7	1	7
Arasnav	2	1	2
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	0	0	0
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	7	1	7
Dönem sonu sınavı	2	1	2
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			60



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TDBI001	Turkish Language - I	2+0+0	ECTS:2
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		Öğr. Gör. Alper KILIÇOĞLU	
Co-Lecturer		Prof. Dr. Ülkü ELIÜZ, Lect. Osman DEMİRAYAK, Lect. Alper KILIÇOĞLU	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

The main objective of this course is to teach the young the structural features, methodology and richness of language and enable them to arouse the love of Turkish language which is fundamental principle of our national unity.

Learning Outcomes

Upon successful completion of the course, the students will be able to :

Learning Outcomes	CTPO	TOA
LO - 1 : comprehend the languages spoken in the world and the place of Turkish language among them.	2,15	1,
LO - 2 learn Turkish culture, customs and traditions exactly and be accepted in the society.	2,15	1,
LO - 3 improve national language and use it in better way.	2,15	1,
LO - 4 use science and knowledge by improving mother tongue.	2,15	1,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Language and languages; (Language-Nation Relations, Language-Culture) Languages in the world and the place of Turkish language among other languages; (Language families in terms of their sources) Historical Development of Turkish written language: (Old Turkish- Middle Turkish-Divânü Lügati'l-Türk, Atabe'ül Hakayik, Harezmi Turkish) . Old Turkey Turkish (Old Anatolian Turkish) ; The era new Turkish, Modern Turkish era, West (West eastern Turkish) Turkey's Turkish, East (North-eastern Turkish) Karatay Turkish Phonetics; (Sound and the formation of sound the harmony of vowel sounds) , Fundamental sound Features in Turkish; (Features sound of Turkish, Spelling structure of Turkish, Sentence Emphasis) . Morphology; (Words in terms of form, prefixes, suffixes, roots) . Enumeration and words in respect to their functions; (Noun, pronouns, and adjectives) Verbs; (Shape and Tense supplements). Prepositions-Gerunds; (Derived from nouns-verbs). Meaning Science: Meaning in word, The frame of word meaning. Sentence Knowledge: (Kinds of Sentences). The analysis of sentences.



Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Language. (Language- nation communication/ language- culture communication).	
Week 2	All Languages at the world. How basic Turkish Language amongst other Languages.	
Week 3	According to the basics languages families. For structure language groups.	
Week 4	The historical periods of Turkish Language. The historical periods of Turkish written language.	
Week 5	Old Turkish- Middle Turkish- New Turkish- Modern Turkish(up to date).	
Week 6	To days condition of Turkish Language and The areas of expansion.	
Week 7	Phonetics.	
Week 8	Phonetics. Morphologie- suffix, affix, prefix, ending, termination.	
Week 9	Mid-term exam	
Week 10	The words for mean and fonctions.	
Week 11	Semantic- semantic in word- communication for words.	
Week 12	Syntax- The specialities of word groups.	
Week 13	The kinds of word groups.	
Week 14	Basics of sentence.	
Week 15	Kinds of sentence and Analyses of sentence.	
Week 16	End-of-term exam	

Textbook / Material

- 1 İnce, Yılmaz ve diğerleri, 2006; Türk Dili ve Kompozisyon Bilgileri, Celebler Matbaacılık, Trabzon

Recommended Reading

- 1 Ergin, Muharrem Prof. Dr. 1986; Türk Dil Bilgisi, Boğaziçi Yayınevi, İstanbul
- 2 Eker, Süer. 2003; Çağdaş Türk Dili, Grafiker Yayınları, Ankara.
- 3 Çotuksöken, Yusuf. 2001; Uygulamalı Türk Dili Cilt-1, Papatya Yayıncılık, İstanbul
- 4 Çotuksöken, Yusuf. 2002; Uygulamalı Türk Dili Cilt-2, Papatya Yayıncılık, İstanbul
- 5 Banguoğlu, Tahsin. 1974; Türkçenin Grameri, Baha Matbaası, İstanbul
- 6 TDK Yazım Kılavuzu- Sözlük

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	09	16.11.2022	0.5	50
Quiz	20 soruluk çoktan seçmeli sınav. Süre 30 dakika.			
End-of-term exam	16	04.01.2023	0.5	50

Student Work Load and its Distribution



Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	15	30
Sınıf dışı çalışma	1	15	15
Laboratuar çalışması	0	0	0
Arasınav için hazırlık	5	1	5
Arasınav	2	1	2
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	0	0	0
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	6	1	6
Dönem sonu sınavı	2	1	2
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			60



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MIM2017	Architectural Project - III	4+4+0	ECTS:9
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		MIM1006-Architectural Project - II must have been passed	
Mode of Delivery		Face to face	
Contact Hours		14 weeks - 4 hours of lectures and 4 hours of practicals per week	
Lecturer		Prof. Dr. İlkay ÖZDEMİR	
Co-Lecturer		Related lecturers of Department of Architecture	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

Primary skills in structural approach and in handling space/structure relations are enhanced. Further attention is given to the choice of solid, stable and economic structural systems and appropriate materials.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : gain knowledge on design context	1	3,6
LO - 2 gain knowledge on space context and architectural structure	9	3,6
LO - 3 learn stable and economic structural systems	9	3,6
LO - 4 develop form and function concepts at the architectural design.	3	3,6
LO - 5 gain knowledge on architectural design and architectural design theories, architectural structure urban design and architecture history.	8	3,6
LO - 6 learn model and architectural draw techniques	1	3,6

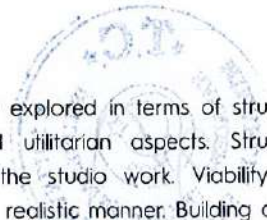
CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Student-generated solutions for a building situation are primarily explored in terms of structural characteristics in addition to the functional, symbolical and utilitarian aspects. Structural knowledge gained hitherto is anticipated to corroborate in the studio work. Viability and feasibility of design and its structural elements are examined in a realistic manner. Building details are diligently studied and materials are carefully employed in relatively small projects.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Acknowledgement of the subject of the term project, pre-design phase knowledge and discussions.	
Week 2	Information gathering and sharing with the other participants	



- Week 3 Information gathering and sharing with the other participants; determining the program
- Week 4 Site seeing; modeling the site and submission of analysis
- Week 5 First sketches; expounding on ideas and concepts
- Week 6 Producing alternative solutions
- Week 7 Choose among the alternatives based on the criteria suggested by the dialogue between the master and the students.
- Week 8 Development phase
- Week 9 Mid-term exam
- Week 10 Solution of structural problems
- Week 11 Revision of the project due to the water & electric distribution, heating, air conditioning, the sewage system and security measures.
- Week 12 Development of sections and elevations.
- Week 13 Changing the scale of project to have a closer look at functional, structural and other problems.
- Week 14 Materials, colors and texture revisions.
- Week 15 Information on presentation techniques and methods.
- Week 16 End-of-term exam

Textbook / Material

- 1 Kuban, D., Mimarlık Kavramları, Yem Yayın, İstanbul, 1990.
- 2 Lang, J., "Theoris of Perception and Formal Design", Designing For Human Behavior, Lang, J., Burnette, C., Molesk, W., Vachon, D. (Der.), Dowden, Hutchinson and Ross, Pa., 1974, pp:98-111.
- 3 Appleyard, D., "Why Buildings are Known: A Predictive Tool for Architects and Planners", Environment and Behavior, Vol. 1, No: 2, pp: 23-39.
- 4 Grassi, G., An Opinion on Architectural Education, A.C.S.A Conference, Hollanda, 1992, pp:13-24
- 5 Rapoport, A., Kültür Mimarlık Tasarım, Yapı Endüstri Merkezi, Yapı Yayın-105, Çeviri: Selçuk Batur, İstanbul, 2004.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	03-06/11/2018	4	



	1			
	2			
	3			
	4			
	5			
	6			
	7			
In-term studies (second mid-term exam)	8		8	
	9			
	10			
	11			
	12			
	13			
	14			
	15			
End-of-term exam	16	28/12/2018	6	100

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	8	14	112
Sınıf dışı çalışma	5	14	70
Uygulama	4	14	56
Dönem sonu sınavı için hazırlık	30	1	30
Dönem sonu sınavı	2	1	2
Total work load			270





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MIM2013	Transparency in Architecture	2+0+0	ECTS:6
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Elective	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		<u>Doç. Dr. Derya ELMALI ŞEN</u>	
Co-Lecturer		-	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

Transparency in architecture is a multi-dimensional concept which will be considered from different perspectives beyond being an expression of structural. In this course, it is aimed to investigate the different dimensions of the concept of transparency and to evaluate the building activity from Paleolithic era to date.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : relate the concept of transparency with architecture.	2,3,8	1,3,5,6,
LO - 2 evaluate the buildings in terms of different dimensions of : transparency.	2,3,8	1,3,5,6,
LO - 3 evaluate the history of architecture in terms of : transparency.	2,3,8	1,3,5,6,
LO - 4 use transparency as an effective method in architectural : design.	2,3,8	1,3,5,6,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

The definition, aims and the situation of the concept of transparency in the architecture; perception and extents of transparency; reading architectural theories through the concept of transparency that belongs to both western and eastern civilizations which develop depending on many parameters such as traditions, beliefs, geography, climate, material and technology in the process from the prehistoric period up to the present and developing process of transparency; research and discussion through examples.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Introduction of lecture; purpose and content	
Week 2	The definition of the concept of transparency, purpose and place in architecture	
Week 3	The perception of transparency and the sources of transparency	
Week 4	Technological means of transparency	
Week 5	Glass in architecture (development process and usage)	
Week 6	Design methods of transparency	



Week 7 Types of transparency

Week 8 Analyses of transparency in terms of history of art and architecture

Week 9 Mid-term exam

Week 10 Analyses of transparency in terms of history of art and architecture

Week 11 Analyses of transparency in terms of history of art and architecture

Week 12 Presentations

Week 13 Analyses of transparency in terms of history of art and architecture

Week 14 Analyses of transparency in terms of history of art and architecture

Week 15 Presentations

Week 16 Final exam

Textbook / Material

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	24/11/2021	1	20
Presentation	11	08/12/2021	2	20
	12	15/12/2021		
	13	22/12/2021		
Homework/Assignment/Term-paper	6	03/11/2021	1	10
End-of-term exam	16	12/01/2022	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours In total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	6	14	84
Laboratuar çalışması	0	0	0
Arasınav için hazırlık	7	2	14
Arasınav	1	1	1
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	4	8	32
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	10	2	20
Dönem sonu sınavı	1	1	1



Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			180



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MIM2008 Structural Elements - II 2+2+0 ECTS:5

Year / Semester Spring Semester
 Level of Course First Cycle
 Status Compulsory
 Department DEPARTMENT of ARCHITECTURE
 Prerequisites and co-requisites None
 Mode of Delivery

Contact Hours 14 weeks - 2 hours of lectures and 2 hours of practicals per week
 Lecturer Prof. Dr. Nihan ENGIN
 Co-Lecturer Assoc. Prof. Nilhan VURAL
 Language of instruction Turkish
 Professional practise (internship) None

The aim of the course:

Analysis and design of roof and stairways. Related information about their construction, and principles of detailing.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

Learning Outcome	CTPO	TOA
LO - 1 : learn basic principles related to roofs and vertical circulation tools, dimensional conditions and constructional principles student will be able to recognize bearing system and materials, subsystem and materials of those elements.	9,12	1,3,4
LO - 2 : define factors and requirements determining arrangement of roofs and vertical circulation tools.	9,12	1,3,4
LO - 3 : assemble construction of roofs and vertical circulation tools	9,12	1,3,4
LO - 4 : correlate roofs and vertical circulation tools with architectural construction.	9,12	1,3,4

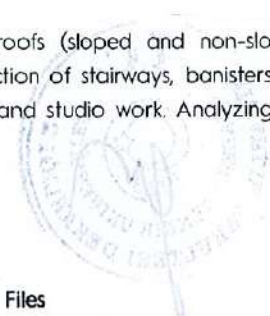
CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Definitions, classifications, construction rules, and problems of roofs (sloped and non-sloped), ramps, stairways, escalators and general joint problems. Construction of stairways, banisters and stairs, types of roof construction, covering materials, application and studio work. Analyzing and designing of any construction element.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	The aim and content of course, the basic concepts related to roofs and classification. Pitched roofs, hipped timber roof constructions, and the concept of roof truss	
Week 2	Gable wood roofs and constructions, supporting systems, complex systems and their joints. Wood frame systems.	
Week 3	Steel roofs, pitched concrete roofs, concepts of warm and cold roof. Roof covering constructions. Tinsmithery works.	
Week 4	Finding geometric form of roofs on a plan (hipped roof solutions).	
Week 5	Basic concepts related to low-pitched roofs and the concept of sealing. Classification.	



- Week 6 Forming sloped surfaces in low-pitched roofs and intakes of water. Roof constructions depend on functions and requirements.
- Week 7 Layers and materials of low-pitched roof constructions.
- Week 8 Specific, traditional, inverted and developed roof solutions.Green roof
- Week 9 Mid-term exam
- Week 10 Contemporary roof systems. Shallow, space frame, cable-tensile, pneumatic covering structures.
- Week 11 Basic concepts related to vertical circulation elements and classifications. Staircases, classification of staircases and their components.
- Week 12 Dimensional connections in staircases
- Week 13 Turning the steps of a staircase.
- Week 14 Arrangements of staircases and drawing expression. Staircase constructions. Coating, rail and handrail constructions
- Week 15 Ramps, escalators and elevators.
- Week 16 Final exam

Textbook / Material

- 1 Toydemir, N. , 2006, Bulut, Ü, Çatılar, YEM Yayınları, İstanbul
- 2 Sarı, A. , 2000, Merdivenler, YEM Yayınları, İstanbul

Recommended Reading

- 1 Schunk, E., Oster, H.J., Barthel, R., Kiessl, K.,2003, Roof Construction Manual, Birkhauser-Publishers for Architecture, Basel. Boston. Berlin
- 2 Cziesielhi, E. , 1993, Lehrbuch der Hochbau Konstruktionen, B. G. Teubner, Stuttgart
- 3 Ching,Francis D.K., 2014,Building Construction Illustrated,Canada.
- 4 Yaşar, Y., Pehlevan, A., Maçka, S., 2010,Az Eğimli Çatılar, Karadeniz Teknik Üniversitesi Yayınları, Trabzon.
- 5 Silver,P., McLean, W, 2014,Mimarlık Teknolojisine Giriş, YEM Yayın, İstanbul.
- 6 Ching, Francis D.K., Onouye, Barry .S.,Zuberbuhler,D., 2013,Çizimlerle Taşıyıcı Sistemler, YEM Yayın, İstanbul.
- 7 Çelebi,R., 2012,Yapı Bilgisi, İstanbul Kültür Üniversitesi Yayınları, İstanbul.
- 8 Erten, E., 2012,Yapı-Yapım,Birsen Yayınevi, İstanbul.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	2022	1,00	50
End-of-term exam	16	2022	2,00	50

Student Work Load and its Distribution

Type of work:	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	4	14	56
Laboratuar çalışması	0	0	0
Arasnav için hazırlık	3	1	3



Arasnav	2	1	2
Uygulama	2	14	28
Klinik Uygulama	0	0	0
Ödev	0	0	0
Proje	0	0	0
Dönem sonu sınavı için hazırlık	3	1	3
Dönem sonu sınavı	2	1	2
Diğer 2	0	0	0
Total work load			150



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INS2017	Structural Analysis	1+1+0	ECTS:3
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			

Contact Hours	14 weeks - 1 hour of lectures and 1 hour of practicals per week
Lecturer	Prof. Dr. Süleyman ADANUR
Co-Lecturer	Prof. Dr. Şevket ATEŞ Prof. Dr. Ahmet Can ALTUNIŞIK
Language of instruction	Turkish
Professional practise (internship)	None

The aim of the course:

This course will primarily concentrate on structural systems, on the analysis of statically determinate structures, the construction of internal force diagrams. The course gives students an understanding of the importance of structural analysis and the tools available to determine the response of statically determinate structures to constant loads.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : Gain basic ability to analyze structures.	9,13	1
LO - 2 Determine the structural behavior according to applied loads.	9	1
LO - 3 Gain skills in the analysis of complex structural systems by decomposition into simpler substructures.	9	1
LO - 4 Understand a basic understanding of the behavior of members of structures with particular emphasis on the design of beams and columns.	9	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

General informations, definition, classification, idealization and modelling of structures. Analysis of statically determinate structures, including beams, frames, arches and trusses.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	General Information	
Week 2	Statically Determinate Systems	
Week 3	Analysis of Frames	
Week 4	Analysis of Frames	
Week 5	Analysis of Frames	
Week 6	Analysis of Frames	
Week 7	Analysis of Frames	

Week 8 Analysis of Frames

Week 9 Mid-term exam

Week 10 Analysis of Trusses

Week 11 Analysis of Trusses

Week 12 Analysis of Trusses

Week 13 Analysis of Trusses

Week 14 Analysis of Trusses

Week 15 Analysis of Trusses

Week 16 End-of-term exam

Textbook / Material

- 1 I-Çakıroğlu A., Çetmeli E., Yapı Statiği, Cilt I, Onuncu Baskı, Beta Basım Yayım Dağıtım A.Ş., İstanbul, 1999.
- 2 Girgin K., Aksoylu M.G., Durgun Y., Danılmaz K., Yapı Statiği - İzostatik Sistemler, Çözümlü Problemler, Birsen Yayınevi, 2011.
- 3 Karadoğan F., Pala S., Yüksel E., Durgun Y., Yapı Mühendisliğine Giriş ☒ Yapısal Çözümleme, Cilt I, Birsen Yayınevi, 2011.
- 4 Ekiz İ., Yapı Statiği I-İzostatik Sistemler, Birsen Yayınevi, 3. Baskı, İstanbul, 2008.
- 5 Hibbeler R. C., Structural Analysis, Seventh Edition in SI units, Pearson Prentice Hall, 2009.
- 6 Kenneth M. L., Uang C. M., Gilbert A.M., Fundamentals of Structural Analysis, Third Edition, McGraw Hill, 2008.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	15.11.2022	2	50
Practice	4			
	7		2	0
	14			
End-of-term exam	16	03.01.2023	2	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	2	14	28
Arasınav için hazırlık	4	2	8
Arasınav	2	1	2
Uygulama	1	14	14
Dönem sonu sınavı için hazırlık	4	2	8
Dönem sonu sınavı	2	2	4







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INS2018 Reinforced Concrete Structures 2+2+0 ECTS:4

Year / Semester	Spring Semester
Level of Course	First Cycle
Status	Compulsory
Department	DEPARTMENT of ARCHITECTURE
Prerequisites and co-requisites	None
Mode of Delivery	Face to face
Contact Hours	14 weeks - 2 hours of lectures and 2 hours of practicals per week
Lecturer	Doç. Dr. Murat GÜNAYDIN
Co-Lecturer	ASSIST. PROF. DR. SERHAT DEMİR
Language of instruction	Turkish
Professional practise (Internship)	None

The aim of the course:

In this course it is aimed to teach fundamentals of the reinforced concrete design and behavior of the reinforced concrete members under earthquake excitations.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	Learn the construction methods of reinforced concrete structures	9	1
LO - 2 :	Learn desing strategy of reinforced concrete slabs, beams, columns and foundations according to ultimate limit state	9	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Introduction, Concrete and steel, Loads and loads effects, Structural systems, Structural irregularities, Slabs, Beams, Columns, Footings

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	General information about Concrete and Reinforced concrete	
Week 2	Structural members: Steel	
Week 3	Structural members: Concrete	
Week 4	Structural members: Reinforced concrete	
Week 5	Structural members: Foundations	
Week 6	Structural members: columns	
Week 7	Structural members: Beams	
Week 8	Structural members: Slabs	
Week 9	Mid term exam	
Week 10	Structural members: Shells	
Week 11	Structural members: Walls	

Week 12 Structural members: masonry structures

Week 13 Structural members: steel structures

Week 14 Structural members: high rise buildings

Week 15 Projects

Week 16 Final exam

Textbook / Material

- 1 Dođangün A, (2009), Betonarme Yapıların Hesap ve Tasarımı, Birsen Yayınevi, 856 sayfa.

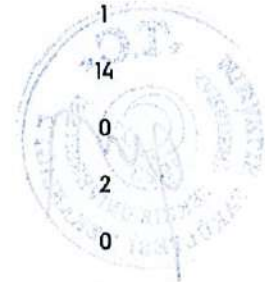
Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	03/04/2016	2	50
End-of-term exam	16	28/05/2016	2	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	0	0	0
Laboratuar çalışması	0	0	0
Arasınav için hazırlık	4	2	8
Arasınav	2	1	2
Uygulama	2	14	28
Klinik Uygulama	0	0	0
Ödev	6	2	12
Proje	0	0	0
Kısa sınav	2	2	4
Dönem sonu sınavı için hazırlık	4	2	8
Dönem sonu sınavı	2	1	2
Diđer 2	0	0	0
Total work load			120



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ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM2000 Physics Environment Science 2+2+0 ECTS:4

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

14 weeks - 2 hours of lectures and 2 hours of practicals per week

Contact Hours

Lecturer

Prof. Dr. Mustafa KAVRAZ

Co-Lecturer

Assist. Prof. Dr. Özlem AYDIN

Language of instruction

Professional practise (internship)

None

The aim of the course:

a course aims to teach interaction between buildings and environment in context of building physics and to catch on building design principles depending on environment conditions.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	get ability to design of natural and artificial lighting in convenient with requirements of function.	1,10	1
LO - 2 :	learn how to produce noise control in buildings and to design natural acoustic of different salons.	1,10	1
LO - 3 :	learn building regulations and standards (heat protection, noise control, fire etc.)to improve abilities to use of rules in their projects	1,10	1
LO - 4 :	accomplish to control of heat and condensation in buildings	1,10	1
LO - 5 :	learn principles and concepts of energy efficiency building design.	1,10	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Physics and behavior of light, color, lighting measurements, human and lighting. Visual and visual comfort, general principles of lighting, natural and artificial lighting design principles, lighting problems of different buildings. Physics and measurements of sound, human and sound, hearing and audio comfort, sound analysis in open and closed spaces, noise control, chamber acoustic, acoustic design of salons. Building design principles depending on environment conditions, climate and climatic components, climatic data, relationship between human and climate, thermal comfort, relationship between buildings and climate conditions, thermal process of building, heat, condensation, sun, win control and natural ventilation, energy efficiency building design. Introduction of environmental standards and regulations in Turkey (fire regulation, noise regulation, heat protection regulation etc.)



Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Physical and acoustic characteristics of sound, design principles of auditoriums used for different functions, design of stages and audience seating areas in conference halls	
Week 2	Ideal forms on acoustic grounds in conference halls, sound reflectors and their forms, design of conference halls forms using control rays	
Week 3	Reflected sounds and time delay, sound diffusers, echo and prevention methods of echo	
Week 4	Reverberation time and the calculation method of the reverberation time, noise, prevention methods of noise in urban and industrial areas	
Week 5	Artificial acoustic systems applied in conference halls, sound insulation in conference halls and sound insulation design of construction elements	
Week 6	Lighting and objectives of lighting, physical elements of light and sight, principles of natural lighting, design of shade elements on building surfaces	
Week 7	Artificial lighting and sources of artificial lighting, techniques of artificial lighting in urban areas, techniques of artificial lighting in conference halls, the calculation method of artificial lighting in indoor spaces	
Week 8	Climate - Climate components - Sun - Sun angles - Air conditions	
Week 9	Mid-term exam	
Week 10	People - Thermic comfort - Heat period of people bodies - Indicator of heat comfort	
Week 11	Thermic Process of building - Heat transition ways: Heat loss by conduction	
Week 12	Heat transition ways: Heat flow by convection and radiation	
Week 13	Heat control in building - Heat Regulation and TS 825	
Week 14	Condensation Control in building	
Week 15	Project Presentation	
Week 16	End-of-term exam	

Textbook / Material

- 1 Abdülrahimov, Ramiz, 1998, Salonların Akustiği ve Tasarımı, Trabzon.
- 2 Özdeniz, Mesut, 1992, Mimarlıkta Işık ve Ses Denetimi, Trabzon.
- 3 Özdeniz, Mesut, 1984, Yapı Tasarımı İçin Türkiye İklim Verileri, Trabzon.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	/04/2022	1	50
End-of-term exam	16	/06/2022	1	50

Student Work Load and Its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	2	12	24



Arasınav için hazırlık	4	1	4
Arasınav	2	1	2
Uygulama	2	14	28
Dönem sonu sınavı için hazırlık	4	1	4
Dönem sonu sınavı	2	1	2
Total work load			120



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ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
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- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM2003	Architectural Design Theories	2+0+0	ECTS:2
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		Doç. Dr. Ayça ARAZ USTAÖMEROĞLU	
Co-Lecturer		Asst.Prof.Dr. Demet YILMAZ YILDIRIM	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

By teaching concepts and approaches related to architectural design, it is aimed to develop students different ways of thinking and problem-solving skills in the face of a design problem.

Learning Outcomes

Upon successful completion of the course, the students will be able to :

Learning Outcomes	CTPO	TOA
LO - 1 : learn the ' design' concept and approaches	2,8	1,
LO - 2 : interrogate the 'design' concept in context of different disciplines.	2,8	1,
LO - 3 : discuss about the creativity in architectural design through the architects and the design activity/ product.	2,8	3,
LO - 4 : interrogate about the sustainability in architectural design	2,8	1,
LO - 5 : learn the architectural design process and correlate different diciplines.	2,8	1,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Explaining the concepts of design and architectural design depending on contemporary information and value systems, explaining the architectural design process and stages and evolution, architectural design paths, design and knowledge, design phenomenon and science relationship, human needs and design relationship, sustainable designs, different approaches to architectural design, Examination of examples of the application of strategies and techniques on architectural projects.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Input and course of lesson to be presented	
Week 2	Design and architecture overview	
Week 3	Design, patients, the relationship between science and design evolution.	
Week 4	Design in architecture and design process.	
Week 5	The definition of creativity and creativity in architecture.	
Week 6	The design and information architecture.	



Week 7 Definition of Strategy and design strategies.

Week 8 Architectural design approaches and sustainable architecture

Week 9 Mid-term exam

Week 10 Pragmatic method, architects and their design methods- video

Week 11 Analogic method, architects and their design methods- video

Week 12 Practise

Week 13 Canonic method, architects and their design methods- video

Week 14 Conceptual method, architects and their design methods- video

Week 15 Analyse of different buildings.

Week 16 End-of-term exam

Textbook / Material

- 1 Aksoy, E., Mimarlıkta Tasarım İletim ve Denetim, KTÜ Yayınları, Trabzon, 1975
- 2 Ertürk, Z., Mimari Tasarım Teknikleri, K.Ü. Mühendislik Mimarlık Fakültesi, Trabzon, 1987

Recommended Reading

- 1 Aydınli, S., Mimarlıkta Görsel Analiz, İTÜ Mimarlık Fakültesi, Baskı Atölyesi, 1992, İstanbul
- 2 Francis D.K.Ching, Mimarlık: Biçim, Mekan ve Düzen, Yem yayınevi, 203, İstanbul
- 3 Uraz, T.U., Tasarlama Düşünme Biçimlendirme, İTÜ Mimarlık Fakültesi Baskı Atölyesi, 1993, İstanbul

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	25.11.2021	1	50
End-of-term exam	16	11.01.2022	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Arasınav için hazırlık	2	1	2
Arasınav	1	1	1
Uygulama	1	4	4
Ödev	2	4	8
Dönem sonu sınavı için hazırlık	2	1	2
Dönem sonu sınavı	1	1	1
Total work load			60



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ACADEMIC UNITS

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- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM2010	Architectural Project - IV	4+4+0	ECTS:9
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		MIM2017-Architectural Project - III must have been passed	
Mode of Delivery			
Contact Hours		14 weeks - 4 hours of lectures and 4 hours of practicals per week	
Lecturer		Prof. Dr. İlkay ÖZDEMİR	
Co-Lecturer		None	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

Introduction to physical surroundings of the building and to the climatic factors confluent in the environment. To enhance concern for building to building relations.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : be informed about context and environment.	3	3,6
LO - 2 be equipped with information about urban analyze : techniques in scope of subject teaching and expression.	3	3,6
LO - 3 be informed about climate factors that should be taken : notice in their design.	3	3,6
LO - 4 be able to use and perform obtaining information-direction : of project theme and goal- mostly in project area.	3	3,6

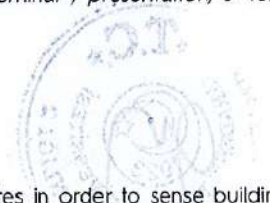
CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Students will fulfill complete designs for relatively more complex sites in order to sense building to building relations. Exercise with balancing space and structure; be concerned with surroundings, relations with vehicle and pedestrian traffic, safe and desirable accessibility, and existing climatic conditions. They will be encouraged to comply with certain building codes or building protection and preservation codes to develop a flavor for real life situations.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Acknowledgement of the subject of the term project, pre-design phase knowledge and discussions.	
Week 2	Information gathering and sharing with the other participants.	
Week 3	Information gathering and sharing with the other participants; determining the program.	
Week 4	Site seeing; modeling the site and submission of analysis.	
Week 5	First sketches; expounding on ideas and concepts.	
Week 6	Producing alternative solutions.	



- Week 7 Choose among the alternatives based on the criteria suggested by the dialogue between the master and the students.
- Week 8 Development phase
- Week 9 Mid-term exam
- Week 10 Solution of structural problems.
- Week 11 Revision of the project due to the water & electric distribution, heating, air conditioning, the sewage system and security measures
- Week 12 Development of sections and elevations.
- Week 13 Changing the scale of project to have a closer look at functional, structural and other problems.
- Week 14 Materials, colors and texture revisions.
- Week 15 Information on presentation techniques and methods
- Week 16 End-of-term exam

Textbook / Material

- 1 Arnheim, R., Art and Visual Perception, California Press, Los Angeles, 1974.
- 2 Aksoy, Ö., Biçimlendirme, KTÜ, Yay. Trabzon, 1977.
- 3 Aksoy, E., Mimarlıkta Tasarım Bilgisi, Habiboğlu Yay, Ankara, 1987.
- 4 Burnette, C., "The Mental Image and Design", Lang, J, ve diğ. (der.) Dowden, Hutchinson and Ross, 1974, s. 169-183.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
	1			
	2			
	3			
	4			
	5			
	6			
	7			
In-term studies (second mid-term exam)	8	2021	8	
	9			
	10			
	11			
	12			
	13			
	14			
	15			
End-of-term exam	16	07.01.2022	6	100

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	8	14	112
Sınıf dışı çalışma	5	14	70
Uygulama	4	14	56



Dönem sonu sınavı için hazırlık	30	1	30
Dönem sonu sınavı	2	1	2
Total work load			270





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- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM2004 Environmental Behavior Information 2*0*0

ECTS:2

Year / Semester	Spring Semester
Level of Course	First Cycle
Status	Compulsory
Department	DEPARTMENT of ARCHITECTURE
Prerequisites and co-requisites	None
Mode of Delivery	Face to face
Contact Hours	14 weeks - 2 hours of lectures per week
Lecturer	Doç. Dr. Hare KILIÇASLAN
Co-Lecturer	Assit. Prof. Dr. Hare Kiliçaslan
Language of instruction	Turkish
Professional practise (internship)	None

The aim of the course:

To increase sensitivity of architectural students to man-environment, man-culture interrelationships, to increase concern for issues stemming from these relations, and to teach and demonstrate how such concerns can be manipulated by design.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 : adopt the responsibilities towards man and society.	6	1,2,6
LO - 2 internalize concepts about relationships of man and environment.	6	1,2,6
LO - 3 improve design qualities as a major responsibility of architect designer.	6	1,2,6

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Architecture is identified as "place". Basic elements and the modifying elements of architecture are identified and defined. Fundamental precedents of architecture such as "elements doing more than one thing", "using things that are there", "primitive place types" are introduced. Architecture as "making frames" is expounded. Geometry, aesthetics, space and structure as major dimensions of architecture are explained and discussed in detail. In the second part major paradigm of architecture, namely Man-Environment relations are propounded. Perception, cognition and behavior patterns are discussed and spatial behavior and its modes and models are rendered. Architectural design parameters such as function, security, symbolism, aesthetics, and social interaction are revised with respect to environment and behavior concepts and principles transpiring from recent research.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Introduction to the Course	
Week 2	Concepts of Space, Place and Environment	
Week 3	Context in Architecture	
Week 4	Space Components and Elements	
Week 5	Composition of Space	



Week 6 Location, Behaviour, Human Needs, Perception and Cognition Concepts

Week 7 Environmental Meaning and Environmental Behaviour

Week 8 Spatial behaviour: Privacy, Personal space, Territoriality

Week 9 Mid-term exam

Week 10 Spatial Behaviour: Appropriation, Backstage and Direction

Social Interaction: Social Behavioral Pattern, Components of Social Behavioral Pattern,

Week 11 Social Event-Condition-Space, Social Behavioral Space, Social Behavioral User, Evaluated Time in Social Behavioral Space

Week 12 Architectural Design Parameters: Security, Functionality, Functional Comfort

Week 13 Architectural Design Parameters: Symbolization, Formal Aesthetic, Social Interaction

Week 14 Architectural Design Parameters: Educationality, Relations to Function of Spaces, The Elements of Organizer Social Relations

Week 15 Method and Technics in Behavioral Research

Week 16 End-of-term exam

Textbook / Material

- 1 Gür, Şengül Öymen (1996) Mekan Örgütlenmesi, Trabzon: Gür yayıncılık.
- 2 Göregenli, M, Çevre Psikolojisi, İstanbul Bilgi Üniversitesi Yayınları, 2010.

Recommended Reading

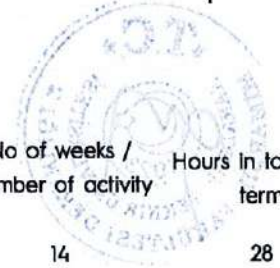
- 1 Unwin, Simon (1997) Analysing Architecture, London: Routledge.
- 2 Smithies, K.W. (1981) Principles of Design in Architecture, London: Van Nostrand and Reinhold.
- 3 Gür, Şengül Öymen (2000) Konut Kültürü, İstanbul: YEM.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9		1	50
End-of-term exam	16		1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours In total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	2	2
Laboratuar çalışması	0	0	0
Arasınan için hazırlık	1	5	5
Arasınan	1	1	1
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	10	2	20
Proje	0	0	0



Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	3	1	3
Dönem sonu sınavı	1	1	1
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			60



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ACADEMIC UNITS

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- » Short Cycle Degree Programmes

MIM2009	History of Architecture - I	2*0*0	ECTS:2
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		Doç. Dr. Fulya ÜSTÜN DEMİRKAYA	
Co-Lecturer		Assoc. Prof. Dr. Ömer İskender TULUK, Asst. Prof. Dr. Aysun AYDIN	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

To inform a general knowledge to students relating to architectural features of the main periods of architectural history from neolithic period to Gothic.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : Summarise the general architectural characteristics of various historical periods.	5,6	1,
LO - 2 : Define various main architectural periods in the world.	5,6	1
LO - 3 : Define the architectural characteristics of Anatolian civilizations.	5,6	1
LO - 4 : Explain the social role of architecture (religion, politics, etc).	5,6	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Architecture of neolithic period, Mesopotamia architecture, Egypt architecture, Hittite architecture, Greek architecture, Hellenistic architecture, Etruscan architecture, Roma architecture, Byzantine architecture, Roman architecture and Gothic architecture.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	The aim and scope of lesson; the definition of general bibliography	
Week 2	The definition of art, Prehistoric art and architecture	
Week 3	Mesopotamia architecture	
Week 4	Architecture of Ancient Egypt	
Week 5	Hittite architecture	
Week 6	Minoan and Mycenaean Architecture	
Week 7	Hellenistic and Ancient Greek Architecture	
Week 8	Hellenistic and Ancient Greek Architecture	



- Week 9 Midterm
- Week 10 Etruscan architecture
- Week 11 Ancient Roman Architecture
- Week 12 Early Christian Architecture
- Week 13 Byzantine architecture
- Week 14 Romanesque architecture
- Week 15 Gothic architecture
- Week 16 Final Examination

Textbook / Material

- 1 Turani, A. 1992; Dünya Sanat Tarihi, Remzi Kitabevi, İstanbul
- 2 Roth M., L. 2000; Mimarlığın Öyküsü, Kabalcı Yayınevi, İstanbul
- 3 Kostof, S. 1995. A History of Architecture: Settings and Rituals, Oxford: Oxford University Press.

Recommended Reading

- 1 <http://witcombe.sbc.edu/ARTHLinks.html>

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	25/11/2021	1	50
End-of-term exam	16	13/01/2022	1	50

Student Work Load and Its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Arasnav için hazırlık	5	1	5
Arasnav	1	1	1
Ödev	5	1	5
Dönem sonu sınavı için hazırlık	6	1	6
Dönem sonu sınavı	1	1	1
Total work load			60



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ACADEMIC UNITS

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- » Short Cycle Degree Programmes

MIM2000 Physics Environment Science 2+2+0 ECTS:4

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

14 weeks - 2 hours of lectures and 2 hours of practicals per week

Contact Hours

Lecturer

Prof. Dr. Mustafa KAVRAZ

Co-Lecturer

Assist. Prof. Dr. Özlem AYDIN

Language of instruction

Professional practise (internship)

None

The aim of the course:

a course aims to teach interaction between buildings and environment in context of building physics and to catch on building design principles depending on environment conditions.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	get ability to design of natural and artificial lighting in convenient with requirements of function.	1,10	1
LO - 2 :	learn how to produce noise control in buildings and to design natural acoustic of different salons.	1,10	1
LO - 3 :	learn building regulations and standards (heat protection, noise control, fire etc.)to improve abilities to use of rules in their projects	1,10	1
LO - 4 :	accomplish to control of heat and condensation in buildings	1,10	1
LO - 5 :	learn principles and concepts of energy efficiency building design.	1,10	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Physics and behavior of light, color, lighting measurements, human and lighting. Visual and visual comfort, general principles of lighting, natural and artificial lighting design principles, lighting problems of different buildings. Physics and measurements of sound, human and sound, hearing and audio comfort, sound analysis in open and closed spaces, noise control, chamber acoustic, acoustic design of salons. Building design principles depending on environment conditions, climate and climatic components, climatic data, relationship between human and climate, thermal comfort, relationship between buildings and climate conditions, thermal process of building, heat, condensation, sun, win control and natural ventilation, energy efficiency building design. Introduction of environmental standards and regulations in Turkey (fire regulation, noise regulation, heat protection regulation etc.)



Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Physical and acoustic characteristics of sound, design principles of auditoriums used for different functions, design of stages and audience seating areas in conference halls	
Week 2	Ideal forms on acoustic grounds in conference halls, sound reflectors and their forms, design of conference halls forms using control rays	
Week 3	Reflected sounds and time delay, sound diffusers, eco and prevention methods of eco	
Week 4	Reverberation time and the calculation method of the reverberation time, noise, prevention methods of noise in urban and industrial areas	
Week 5	Artificial acoustic systems applied in conference halls, sound insulation in conference halls and sound insulation design of construction elements	
Week 6	Lighting and objectives of lighting, physical elements of light and sight, principles of natural lighting, design of shade elements on building surfaces	
Week 7	Artificial lighting and sources of artificial lighting, techniques of artificial lighting in urban areas, techniques of artificial lighting in conference halls, the calculation method of artificial lighting in indoor spaces	
Week 8	Climate - Climate components - Sun - Sun angles - Air conditions	
Week 9	Mid-term exam	
Week 10	People - Thermic comfort - Heat period of people bodies - Indicator of heat comfort	
Week 11	Thermic Process of building - Heat transition ways: Heat loss by conduction	
Week 12	Heat transition ways: Heat flow by convection and radiation	
Week 13	Heat control in building - Heat Regulation and TS 825	
Week 14	Condensation Control in building	
Week 15	Project Presentation	
Week 16	End-of-term exam	

Textbook / Material

- 1 Abdrahimov, Ramiz, 1998, Salonların Akustiđi ve Tasarımı, Trabzon.
- 2 zdeniz, Mesut, 1992, Mimarlıkta Işık ve Ses Denetimi, Trabzon.
- 3 zdeniz, Mesut, 1984, Yapı Tasarımı İin Trkiye İklım Verileri, Trabzon.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	/04/2022	1	50
End-of-term exam	16	/06/2022	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yz yze eđitim	4	14	56
Sınıf dıőı alıőma	2	12	24



Arasınav için hazırlık	4	1	4
Arasınav	2	1	2
Uygulama	2	14	28
Dönem sonu sınavı için hazırlık	4	1	4
Dönem sonu sınavı	2	1	2
Total work load			120



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CURRICULUM

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ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
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- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

INS2018 Reinforced Concrete Structures 2+2+0 ECTS:4

Year / Semester	Spring Semester
Level of Course	First Cycle
Status	Compulsory
Department	DEPARTMENT of ARCHITECTURE
Prerequisites and co-requisites	None
Mode of Delivery	Face to face
Contact Hours	14 weeks - 2 hours of lectures and 2 hours of practicals per week
Lecturer	Doç. Dr. Murat GÜNAYDIN
Co-Lecturer	ASSIST. PROF. DR. SERHAT DEMİR
Language of instruction	Turkish
Professional practise (internship)	None

The aim of the course:

In this course it is aimed to teach fundamentals of the reinforced concrete design and behavior of the reinforced concrete members under earthquake excitations.

Learning Outcomes	CTPO	TOA
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Upon successful completion of the course, the students will be able to :

LO - 1 : Learn the construction methods of reinforced concrete structures	9	1
LO - 2 : Learn desing strategy of reinforced concrete slabs, beams, columns and foundations according to ultimate limit state	9	1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Introduction, Concrete and steel, Loads and loads effects, Structural systems, Structural irregularities, Slabs, Beams, Columns, Footings

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	General information about Concrete and Reinforced concrete	
Week 2	Structural members: Steel	
Week 3	Structural members: Concrete	
Week 4	Structural members: Reinforced concrete	
Week 5	Structural members: Foundations	
Week 6	Structural members: columns	
Week 7	Structural members: Beams	
Week 8	Structural members: Slabs	
Week 9	Mid term exam	
Week 10	Structural members: Shells	
Week 11	Structural members: Walls	



Week 12 Structural members: masonry structures

Week 13 Structural members: steel structures

Week 14 Structural members: high rise buildings

Week 15 Projects

Week 16 Final exam

Textbook / Material

- 1 Doğangün A, (2009), Betonarme Yapıların Hesap ve Tasarımı, Birsen Yayınevi, 856 sayfa.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	03/04/2016	2	50
End-of-term exam	16	28/05/2016	2	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	0	0	0
Laboratuar çalışması	0	0	0
Arasınan için hazırlık	4	2	8
Arasınan	2	1	2
Uygulama	2	14	28
Klinik Uygulama	0	0	0
Ödev	6	2	12
Proje	0	0	0
Kısa sınav	2	2	4
Dönem sonu sınavı için hazırlık	4	2	8
Dönem sonu sınavı	2	1	2
Diğer 2	0	0	0
Total work load			120



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CURRICULUM

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ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
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- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes



MIM2015 Structural Elements-1 2+2+0 ECTS:4

Year / Semester Fall Semester
Level of Course First Cycle
Status Compulsory
Department DEPARTMENT of ARCHITECTURE
Prerequisites and co-requisites None
Mode of Delivery

Contact Hours 14 weeks - 2 hours of lectures and 2 hours of practicals per week
Lecturer Öğr. Gör. Dr Özlem AYDIN
Co-Lecturer Dr. Öğr. Üyesi Sibel Maçka Kalfa
Language of instruction Turkish
Professional practise (Internship) None

The aim of the course:

To teach building and fine structure elements through theoretical courses and practical applications

Learning Outcomes	CTPO	TOA
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Upon successful completion of the course, the students will be able to :

LO - 1 : learn basic principles dimensional conditions and construction principles related to bases, walls, woodworks, floors and chimneys.	9	1,3,4,
LO - 2 : define factors and requirements determining arrangement of those structural elements.	9	1,3,4,
LO - 3 : associate those structural elements, subsystem and its materials with bearing system and its materials.	9	1,3,4,
LO - 4 : establish construction of those elements by taking rules about design and construction of structure elements into consideration.	9	1,3,4,
LO - 5 : correlate those structure elements with architectural construction.	9	1,3,4,

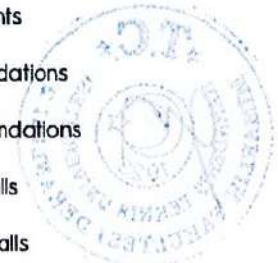
CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

General concepts. Shallow and deep foundations. Carrier and divisive walls. Lightweight panel systems. Coating systems. Wallcoverings. Chimneys. Flooring. Suspended ceilings. Raised floor systems. Wall cavities. Carpentry. General knowledge on building insulation, grouting, descriptions, classifications, features, construction rules, joint problems.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	General concepts, be classed of building components	
Week 2	Foundations, general rules, classifications,basic foundations	
Week 3	Individual footing, continuous footing, the other foundations	
Week 4	Walls, general rules, classifications, load-bearing walls	
Week 5	Interior wall, light dividing wall systems, the other walls	



Week 6 Wall coverings

Week 7 Floors, general rules, classification, wood and steel floors

Week 8 Mid-term exam Cast in-situ concrete floors, precast concrete floors

Week 9 Mid-term exam

Week 10 Floor coverings, suspended ceiling, raised flooring system

Week 11 Wall hollows/joineries, general rules, classifications

Week 12 Windows

Week 13 Doors

Week 14 Chimneys (fire chimneys, ventilation chimneys, waste chimneys, installation chimneys)

Week 15 Building insulation (thermal, water, moisture and the other insulations), joints, joint filler materials, joint construction

Week 16 Final exam

Textbook / Material

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	18.11.2022	1,30	50
End-of-term exam	16	06.01.2023	1,30	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	2	10	20
Arasınav için hazırlık	2	3	6
Arasınav	2	1	2
Uygulama	2	14	28
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	2	3	6
Dönem sonu sınavı	2	1	2
Diğer 1	0	0	0
Total work load			120



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CURRICULUM

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ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
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MIM2015	Structural Elements-1	2+2+0	ECTS:4
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			

Contact Hours	14 weeks - 2 hours of lectures and 2 hours of practicals per week
Lecturer	Öğr. Gör. Dr. Özlem AYDIN
Co-Lecturer	Dr. Öğr. Üyesi Sibel Maçka Kalfa
Language of instruction	Turkish
Professional practise (internship)	None

The aim of the course:

To teach building and fine structure elements through theoretical courses and practical applications

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

	learn basic principles dimensional conditions and		
LO - 1 :	construction principles related to bases, walls, woodworks, floors and chimneys.	9	1,3,4,
LO - 2 :	define factors and requirements determining arrangement of those structural elements.	9	1,3,4,
LO - 3 :	associate those structural elements, subsystem and its materials with bearing system and its materials.	9	1,3,4,
LO - 4 :	establish construction of those elements by taking rules about design and construction of structure elements into consideration.	9	1,3,4,
LO - 5 :	correlate those structure elements with architectural construction.	9	1,3,4,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

General concepts. Shallow and deep foundations. Carrier and divisive walls. Lightweight panel systems. Coating systems. Wallcoverings. Chimneys. Flooring. Suspended ceilings. Raised floor systems. Wall cavities. Carpentry. General knowledge on building insulation, grouting, descriptions, classifications, features, construction rules, joint problems.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	General concepts, be classed of building components	
Week 2	Foundations, general rules, classifications,basic foundations	
Week 3	Individual footing, continuous footing, the other foundations	
Week 4	Walls, general rules, classifications, load-bearing walls	
Week 5	Interior wall, light dividing wall systems, the other walls	

Week 6 Wall coverings

Week 7 Floors, general rules, classification, wood and steel floors

Week 8 Mid-term exam Cast in-situ concrete floors, precast concrete floors

Week 9 Mid-term exam

Week 10 Floor coverings, suspended ceiling, raised flooring system

Week 11 Wall hollows/joineries, general rules, classifications

Week 12 Windows

Week 13 Doors

Week 14 Chimneys (fire chimneys, ventilation chimneys, waste chimneys, installation chimneys)

Week 15 Building insulation (thermal, water, moisture and the other insulations), joints, joint filler materials, joint construction

Week 16 Final exam

Textbook / Material

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	18.11.2022	1,30	50
End-of-term exam	16	06.01.2023	1,30	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	2	10	20
Arasnav için hazırlık	2	3	6
Arasnav	2	1	2
Uygulama	2	14	28
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	2	3	6
Dönem sonu sınavı	2	1	2
Diğer 1	0	0	0
Total work load			120



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ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
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MIM3001 Construction Production Techniques 2+0+0

ECTS:3

Year / Semester

Fall Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

Contact Hours

14 weeks - 2 hours of lectures per week

Lecturer

Doç. Dr. Nilhan VURAL

Co-Lecturer

Prof. Nihan ENGIN

Language of instruction

Turkish

Professional practise (internship)

None

The aim of the course:

To teach production, techniques and technology of constructions.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 : compare industrial and traditional building product.

9,12

1

LO - 2 : recognize contemporary form systems.

9,12

1

LO - 3 : interpret difference between the prefabricated construction systems.

9,12

1

LO - 4 : sketch prefabricated buildings.

9,12

1

LO - 5 : design different combination details.

9,12

1

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

General concepts, the developments of construction production. Industrialization, features of industrialized productions, standardization. Dimensional and modular coordination. Indirect, partial and total industrialization concepts. Open and closed systems. Construction systems and techniques according to the development phases. Modern casting systems (tunnels, sliding, escalating and swelling patterns). Systems based on available elements (panels, framework). Problems of constructing buildings by using available elements.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Objective,content, building production concept, effectiveness (physical-economic)concept	
Week 2	Tradational product/process characteristic at building production Industrialization at building production	
Week 3	Stages that related to technology on industrialization-Primitive construction, traditional construction, industrialization construction	
Week 4	Industrialization construction systems	
Week 5	Developed-traditional construction systems, contemporary in situ construction systems	
Week 6	Contemporary in situ construction systems	



Week 7 Contemporary in situ construction systems

Week 8 Prefabric Construction Systems, Panel Systems

Week 9 Mid-term exam

Week 10 Panel Systems

Week 11 Carcass Systems

Week 12 Carcass Systems

Week 13 Cell Systems

Week 14 Cell Systems

Week 15 Load Bearing System Design on Highrise Building

Week 16 Final exam

Textbook / Material

- 1 Koncz, T., 1968, Manual of Precast Concrete Construction, Vol 1
- 2 Koncz, T., 1970, Manual of Precast Concrete Construction System Building with Large Panels, Vol 3, Berlin
- 3 Eser, L., 1992, Construction in work site, Industrialized Building, ITU Faculty of Architecture, Istanbul
- 4 Eser, L., 1982, Ön Yapım, Endüstrileşmiş Yapı, ITU, Istanbul

Recommended Reading

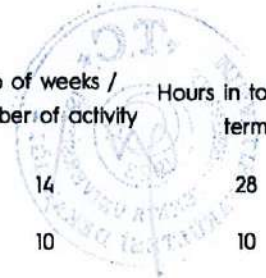
- 1 Abdulrahimov, R., 2006, Technology of construction-production, Trabzon. Anderson, M., Anderson, P., Prefab Prototypes, USA

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	24.11.2021	1,00	50
End-of-term exam	16	18.01.2022	1,00	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	10	10
Laboratuvar çalışması	0	0	0
Arasınav için hazırlık	5	2	10
Arasınav	1	1	1
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	0	0	0
Proje	0	0	0
Kısa sınav	1	1	1



Dönem sonu sınavı için hazırlık	9	1	9
Dönem sonu sınavı	1	1	1
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			60



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ACADEMIC UNITS

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- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes



MİM3013	Historic Environmental Protection and Restoration	2*0+0	ECTS:2
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		<u>Doç. Dr. Mural TUTKUN</u>	
Co-Lecturer		Assoc. Prof. Dr. Murat TUTKUN, Assoc. Prof. Dr. Süleyman ÖZGEN	
Language of instruction		Turkish	
Professional practise (Internship)		None	

The aim of the course:

It is aimed to raise awareness of the historical environment, to teach the theoretical and conceptual development of conservation at international and national level, to provide the necessary technical equipment for the protection of historical environments and monuments, to teach documentation and measurement techniques and restoration techniques to the students.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 :	4,5	1,
LO - 2 :	4,5	1,
LO - 3 :	4,5	1,
LO - 4 :	4,5	1,
LO - 5 :	4,5	1,
LO - 6 :	4,5	1,
LO - 7 :	4,5	1,
LO - 8 :	4,5	1,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

The theoretical basis of historical building conservation, the development of contemporary conservation theory from the 19th century to the present, the definition of conservation criteria and values to be protected, restoration techniques (consolidation, integration, renewal, etc.), research and documentation techniques before restoration, the place of surveying information in architecture, Introducing traditional and contemporary measurement techniques and examining application examples, introducing measurement tools and equipment, the concepts of surveying, measurement and restitution, methods of measuring plan - section - view - facade - detail - site plans in the context of survey application techniques.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Basic Concepts, conservation phenomenon	
Week 2	Historical environment concepts and conservation criteria	
Week 3	Development of conservation thought, cultural heritage - world heritage concepts	
Week 4	Legal and organizational dimensions of protection	
Week 5	Pre-restoration research and documentation techniques Survey, measurement, restitution and restoration concepts	
Week 6	Restoration techniques (maintenance, repair, consolidation, strengthening, cleaning, reintegration, rebuilding, reuse, refunctioning, transportation, etc.)	
Week 7	Traditional and contemporary measurement techniques, introduction of architectural measurement tools and preliminary determination studies	
Week 8	Survey - Sketch preparation	
Week 9	Mid-term Exam	
Week 10	Survey - Layout plan and floor plans and ceiling plans survey Triangulation and perpendicular coordinate techniques	
Week 11	Survey - Section and facade survey	
Week 12	Survey - Arch, dome, minaret, etc. building elements survey	
Week 13	Survey - Detail survey	
Week 14	Survey - Deterioration and material determinations, analyzes	
Week 15	Conservation practices in Turkey, international regulations and agreements	
Week 16	Final Exam	

Textbook / Material

- 1 Ahunbay, Z., 1996, Tarihi Çevre Koruma ve Restorasyon, YEM Yayın, İstanbul.
- 2 Uluengin, M., 2002, Rölöve, YEM Yayınları, İstanbul.

Recommended Reading

- 1 Kuban, D., 2000, Tarihi Çevre Korumanın Mimarlık Boyutu, YEM Yayın, İstanbul.
- 2 Bektaş, C., 2001, Koruma Onarım, 2. baskı, Lirelatür yayıncılık, İstanbul.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	23/11/2021	1	50
End-of-term exam	16	14/01/2022	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Arasınav için hazırlık	6	1	6
Arasınav	1	1	1



Ödev	2	2	4
Dönem sonu sınavı için hazırlık	6	1	6
Dönem sonu sınavı	1	1	1
Total work load			60



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ACADEMIC UNITS

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MIM3009	Architectural Project - V	4+4+0	ECTS:9
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		MIM2010-Architectural Project - IV must have been passed	
Mode of Delivery		14 weeks - 4 hours of lectures and 4 hours of practicals per week	
Contact Hours			
Lecturer		Prof. Dr. Nilgün KULOĞLU	
Co-Lecturer		Related lecturers of Department of Architecture	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

To demonstrate that architectural design is a culturally and geographically bound phenomenon. To underline the interrelationships and interplay of architectural object, urban context and environmental forces.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : design a concept project as a cultural and geographical fact.	6	3,6
LO - 2 : analyze urban geography, urban typologies and topologies.	6	3,6
LO - 3 : criticize the architectural environment in social and physical context.	6	3,6
LO - 4 : relate the public improvements with their projects.	6	3,6
LO - 5 : confident to design a project in contextual conditions.	6	3,6

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

In addition to the theoretical support provided by some urban analyses, techniques knowledge in urban geography, urban typologies and topologies are rendered. Holograms, sketches, scale models, are the analyzing tools for the program and surrounding social and physical context. Also the idea of transformation and the interplay of social, cultural and urban management concerns are expounded during reviews to enhance students understanding of real life situations and dealing with building codes and specifications.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Acknowledgement of the subject of the term project, pre-design phase knowledge and discussions.	
Week 2	Information gathering and sharing with the other participants.	
Week 3	Information gathering and sharing with the other participants; determining the program.	



Week 4 Site seeing; modeling the site and submission of analysis.

Week 5 First sketches; expounding on ideas and concepts.

Week 6 Producing alternative solutions.

Week 7 Choose among the alternatives based on the criteria suggested by the dialogue between the master and the students.

Week 8 Mid-term exam

Week 9 Development phase

Week 10 Solution of structural problems.

Week 11 Revision of the project due to the water & electric distribution, heating, air conditioning, the sewage system and security measures.

Week 12 Development of sections and elevations.

Week 13 Changing the scale of project to have a closer look at functional, structural and other problems.

Week 14 Materials, colors and texture revisions.

Week 15 Information on presentation techniques and methods.

Week 16 End-of-term exam

Textbook / Material

- 1 Steadman, P., The Geometry of Environment, An Introduction to Spatial Organization in Design, RIBA, Londra, 1971.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
	1			
	2			
	3			
	4			
	5			
	6			
In-term studies (second mid-term exam)	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
End-of-term exam	15	03.06.2022	6	100

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	8	14	112
Sınıf dışı çalışma	7	14	98



Uygulama	4	14	56
Dönem sonu sınavı için hazırlık	32	1	32
Dönem sonu sınavı	2	1	2
Diğer 2	0	0	0
Total work load			300



CORPORATE INFORMATIONS

- » General Information
- » Administration
- » Objectives & Programme Outcomes
- » Academic Staff

CURRICULUM

- » First Year
- » Second Year
- » Third Year
- » Fourth Year
- » Learning Outcomes Matrix

ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM3018 Architectural Project-VI 4+4+0 ECTS:9

Year / Semester	Spring Semester
Level of Course	First Cycle
Status	Compulsory
Department	DEPARTMENT of ARCHITECTURE
Prerequisites and co-requisites	MIM3009-Architectural Project - V must have been passed
Mode of Delivery	Face to face
Contact Hours	14 weeks - 4 hours of lectures and 4 hours of practicals per week
Lecturer	<u>Prof. Dr. Nilgün KULOĞLU</u>
Co-Lecturer	Related lecturers of Department of Architecture
Language of Instruction	Turkish
Professional practise (internship)	None

The aim of the course:

Introduction to major urban discourses, global issues, natural energy sources, sustainability.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : analyze the urban context and make their designs.	2	3,6
LO - 2 take into consideration the syntax of quarter, street, mass, space in an interference to the urban. structure	2	3,6
LO - 3 learn how to be participated in the urban aesthetic form with their designs.	2	3,6
LO - 4 learn of which structure can be solved to build the form, function of their designs.	2	3,6

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Students are introduced to major global issues such as economy, dwindling energy sources and are intended to design for relatively complex urban sites with a concern for sustainability. They are expected to set free their creativity in order to push the limits of reality, while at the same time exercising to deal with owners, users, sponsors and municipalities.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Acknowledgement of the subject of the term project, pre-design phase knowledge and discussions.	
Week 2	Information gathering and sharing with the other participants.	
Week 3	Information gathering and sharing with the other participants; determining the program	
Week 4	Site seeing; modeling the site and submission of analysis.	
Week 5	First sketches; expounding on Ideas and concepts.	
Week 6	Producing alternative solutions.	
Week 7	Chose among the alternatives based on the criteria suggested by the dialogue between the master and the students.	



Week 8 Development phase

Week 9 Mid-term exam

Week 10 Solution of structural problems.

Week 11 Revision of the project due to the water & electric distribution, heating, air conditioning, the sewage system and security measures.

Week 12 Development of sections and elevations.

Week 13 Changing the scale of project to have a closer look at functional, structural and other problems.

Week 14 Materials, colors and texture revisions.

Week 15 Information on presentation techniques and methods.

Week 16 End-of-term exam

Textbook / Material

- 1 Antoniades, A., Architecture and Allied Design: An Environmental Design Perspective, Kendal, Dubuque, Iowa, 1986.
- 2 Lang, J., Creating Architectural Theory: The Role of The Behavioral Sciences in Environmental Design, Van Nostrand Reinhold, N.Y., 1989.
- 3 Smithies, K. W., Principles of Design in Architecture, Van Nostrand Reinhold, Londra, 1981
- 4 Scruton, R., The Aesthetics of Architecture, Methuen Books, Londra, 1979.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9		4	
	1			
	2			
	3			
	4			
	5			
	6			
	7			
In-term studies (second mid-term exam)	8		8	
	9			
	10			
	11			
	12			
	13			
	14			
	15			
End-of-term exam	16	07/01/2022	6	100

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	8	14	112
Sınıf dışı çalışma	5	14	70



Uygulama	4	14	56
Dönem sonu sınavı için hazırlık	30	1	30
Dönem sonu sınavı	2	1	2
Total work load			270



CORPORATE INFORMATIONS

- » General Information
- » Administration
- » Objectives & Programme Outcomes
- » Academic Staff

CURRICULUM

- » First Year
- » Second Year
- » Third Year
- » Fourth Year
- » Learning Outcomes Matrix

ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM3017 History of Architecture-III 2+0+0 ECTS:2

Year / Semester	Fall Semester
Level of Course	First Cycle
Status	Compulsory
Department	DEPARTMENT of ARCHITECTURE
Prerequisites and co-requisites	None
Mode of Delivery	Face to face
Contact Hours	14 weeks - 2 hours of lectures per week
Lecturer	<u>Dr. Öğr. Üyesi Aysun AYDIN SANCAROĞLU</u>
Co-Lecturer	
Language of Instruction	Turkish
Professional practise (internship)	None

The aim of the course:

TEACHING OF 15 AND 19TH CENTURY ARCHITECTURE AND DEVELOPMENT.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : LEARN EMERGENCE OF RENAISSANCE	4,5,6	1,
LO - 2 LEARN DESIGN AND DEVELOPMENT OF THE CONCEPT OF CHANGES	4,5,6	1,
LO - 3 LEARN CHANGE OF EUROPEAN CITIES	4,5,6	1,
LO - 4 LEARN EXIT STAGE THE CONCEPT OF MODERNITY.	4,5,6	
LO - 5 LEARN THE PROCESSES OF-CULTURAL AND SCIENTIFIC INDUSTRIAL REVOLUTION	4,5,6	1,
LO - 6 LEARN OTTOMAN ARCHITECTURE WESTERNIZATION	4,5,6	1,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

TERMS OF RENAISSANCE REVEALING: CAPITALISM AND HUMANISM RE-EMERGENCE OF THE URBAN CULTURE. SUBJECTIVITY OF THE REGULARITY OF THE RENAISSANCE MANNERISM ACCESS AND CAUSES. THE COMPLEXITY OF THE BAROQUE AND ROCOCO PERIODS ARCHITECTURE: DESIGN OF SPACE AND LIGHT EFFECT. ABSOLUTISM, PALACE AND URBAN DESIGN. WESTERNIZATION OTTOMAN ARCHITECTURE. THE FIRST APPEARANCE OF MODERNITY: THE ARCHITECTURE OF ENLIGHTENMENT. PLURALISM HISTORICIST. SCIENTIFIC-INDUSTRIAL-CULTURAL REVOLUTION, THE 19TH CENTURY CITIES

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	COURSE INTRODUCTION	
Week 2	RENAISSANCE	
Week 3	MANNERISM	
Week 4	BAROQUE	
Week 5	ROCOCO	



Week 6 AGE OF ENLIGHTENMENT-FRENCH REVOLUTION

Week 7 SCIENTIFIC REVOLUTION-CULTURAL REVOLUTION-INDUSTRIAL REVOLUTION

Week 8 SCIENTIFIC REVOLUTION-CULTURAL REVOLUTION-INDUSTRIAL REVOLUTION

Week 9 MIDTERM

Week 10 NEOCLASSICISM

Week 11 18TH OTTOMAN ARCHITECTURE

Week 12 19TH OTTOMAN ARCHITECTURE

Week 13 PRESENTATION

Week 14 PRESENTATION

Week 15 PRESENTATION

Week 16 FINAL-EXAM

Textbook / Material

- 1 ROTH, L.M.,(2000), MİMARLIĞIN ÖYKÜSÜ, KABALCI YAYINEVİ, İSTANBUL.
- 2 MONNIER, G., (2006), MİMARLIK TARİHİ, DOST KİTAPEVİ, ANKARA.
- 3 RAGON, M., (2010), MODERN MİMARLIK VE ŞEHİRCİLİK TARİHİ, KABALCI YAYINEVİ, İSTANBUL.

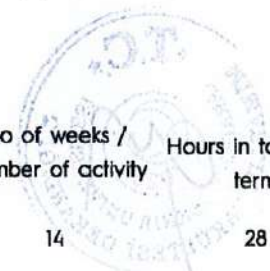
Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	24/11/2021	1	50
End-of-term exam	16	1/1/2021	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14
Laboratuar çalışması	0	0	0
Arasınav için hazırlık	5	1	5
Arasınav	1	1	1
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	1	8	8
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	3	1	3



Dönem sonu sınavı	1	1	1
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			60



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CURRICULUM

- » First Year
- » Second Year
- » Third Year
- » Fourth Year
- » Learning Outcomes Matrix

ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes



MIM3012	Relay and Restoration Project	2+2+0	ECTS:4
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			

Contact Hours	14 weeks - 2 hours of lectures and 2 hours of practicals per week
Lecturer	Doç. Dr. Murat TUTKUN
Co-Lecturer	Doç. Dr. Murat Tutkun, Doç. Dr. Süleyman Özgen, Dr. Öğr. Üyesi Hamiyet Özen
Language of Instruction	Turkish
Professional practise (Internship)	None

The aim of the course:

After an overview of the value of traditional texture, historical environment and historical buildings for social and physical spaces, it is aimed to introduce traditional and contemporary knowledge about conservation and restoration practices to students in a practical project format.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : they can learn to prepare architectural survey and to practice it.	4,5	3,4,5,
LO - 2 : they can transfer area measurements to drawings.	4,5	3,4,5,
LO - 3 : they can argue fieldworks by presentation techniques.	4,5	3,4,5,
LO - 4 : they can present the survey by architectural techniques and prepare necessary reports.	4,5	3,4,5,
LO - 5 : architectural techniques and prepare the necessary reports, along with teaching the restitution research methods and techniques.	4,5	3,4,5,
LO - 6 : Along with teaching restoration techniques, they will be able to present the restoration project with architectural techniques and prepare the necessary reports.	4,5	3,4,5,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

It is aimed to convey information about the applications related to fieldwork and office work for the protection of traditional buildings and cultural assets; practical expression of survey and documentation techniques with fieldwork and office work; practical explanation of restitution studies together with restitution research methods and techniques; practical explanation of restoration project and restoration techniques; also about the preparation of survey, restitution and restoration reports.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	the concept of measured drawing, restitution and restoration	

- Week 2 Information about the study area and determination of working groups
- Week 3 Applied field studies for the purpose of survey and documentation studies
- Week 4 Applied field studies for the purpose of survey and documentation studies
- Week 5 Examination and evaluation of the survey works in the office, technical controls for architectural drawings Deterioration and material analysis
- Week 6 Applied field studies for the purpose of survey and documentation studies
- Week 7 Examination and evaluation of the survey works in the office, technical controls for architectural drawings Deterioration and material analysis
- Week 8 Examination and evaluation of the survey works in the office, technical controls for architectural drawings Restitution studies
- Week 9 Restitution studies
- Week 10 Restitution studies and architectural period analysis
- Week 11 Examination and evaluation of restitution studies in the office, technical controls for architectural drawings and period analysis
- Week 12 Examination and evaluation of restitution studies in the office, technical controls for architectural drawings and period analysis
- Week 13 Restoration proposals and evaluation of necessary restoration techniques in the context of the proposal
- Week 14 Examination and evaluation of restoration studies in the office, technical controls for architectural drawings
- Week 15 Examination and evaluation of restoration studies in the office, technical controls for architectural drawings
- Week 16 End-of-term final project

Textbook / Material

- 1 Uluengin, M., 2002, Rölöve, YEM Yayınları, İstanbul.

Recommended Reading

- 1 Ahunbay, Z., 1996, Tarihi Çevre Koruma ve Restorasyon, YEM Yayın, İstanbul.
- 2 Kuban, D., 2000, Tarihi Çevre Korumanın Mimarlık Boyutu, YEM Yayın, İstanbul.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Project	16	10/06/2022	1	100

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	2	8	16
Arasınav için hazırlık	1	3	3
Arasınav	1	1	1
Uygulama	2	14	28
Ödev	4	2	8
Proje	4	2	8





CORPORATE INFORMATIONS

- » General Information
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CURRICULUM

- » First Year
- » Second Year
- » Third Year
- » Fourth Year
- » Learning Outcomes Matrix

ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM3015 Urbanism and Zoning Law 2+2+0 ECTS:5

Year / Semester Fall Semester
Level of Course First Cycle
Status Compulsory
Department DEPARTMENT of ARCHITECTURE
Prerequisites and co-requisites None
Mode of Delivery

Contact Hours 14 weeks - 2 hours of lectures and 2 hours of practicals per week
Lecturer Prof. Dr. Ahmet Melih ÖKSÜZ
Lecturer Ayşegül ÖZYAVUZ, Research Assistant Merve TUTKUN, Research Assistant Ece SEYHAN, Research Assistant Beliz Büşra ŞAHİN
Co-Lecturer
Language of instruction Turkish
Professional practise (internship) None

The aim of the course:

To perceive and comprehend the city in all dimensions; to settle planning culture; to recognise how the cities develop and what the factors/actors are, which influence the development and the relationship among these factors/actors; To comprehend what lies beneath today's urban problems; To acquire the key information in order to analyse and evaluate the master plans which define the relationships between the architectural works and the urban land; To form the roles of people both as a citizen and professional to shape and to protect the urban identity. To introduce the regulations that are legal content of urban planning and architectural practices; To analyse and to evaluate the legal problems arise in the processes of applications.

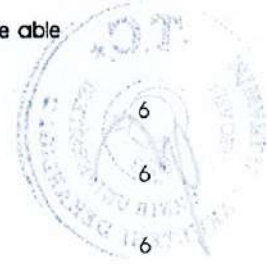
Learning Outcomes

Upon successful completion of the course, the students will be able to :

	CTPO	TOA
LO - 1 : describe comprehend the city in all dimensions.	6	1,4
LO - 2 describe what the factors/actors which influence the development are.	6	1,4
LO - 3 describe because of today's urban problems.	6	1,4
LO - 4 apply various techniques in search of analyse and evaluate the master plans which define the relationships between the architectural works and the urban land.	6	1,4
LO - 5 list types of plans, related basic concepts and managerial units.	6	1,4
LO - 6 summarize the relations between types of plans and planning units.	6	1,4
LO - 7 analyze connections among planning units, basic planning principles and plan by using figures and graphics.	6	1,4
LO - 8 design a framework for successful planning.	6	1,4

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course



Urbanisation, history of urbanisation and problems/advantages of urbanisation; Urban social structure; Urban forms, land use activities (sheltering, working, transportation, etc.) , and the relationship between form and activities; Introduction of planning and urban design in historical perspective; The definition of Reconstruction and branches of law, sources of zoning law. Planning and its types; The factors/ actors that effect land use planning; Planning procedure in Türkiye; Planning problems.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Giving general information about courses and entry issues, city, urban history, Introduction of application topics	City, rural-urban, urban history, urbanize, favor of urbanization and its problems (More)
Week 2	The city's Social Ecology, Urban physical forms, urban elements-The relationship between urban and physical form,	
Week 3	Urban elements-Transportation,	Urban elements-City centre Urban elements-Recreational areas Urban elements-Housing areas
Week 4	City planning-Urban design: Historical development of urban design, Urban design, urban image, urban identity	
Week 5	Public holiday	
Week 6	Space organization (outdoor organization)	
Week 7	In Turkey, city planning agency: Planning hierarchy, Planning principles and community benefit.	The definition of the zoning law, resources and location. In Turkey, city planning agency.
Week 8	In Turkey, city planning agency: Factors affecting planning and actors. Plan expression transmission techniques, plan reading, TAKS, KAKS, Building Ordinance, Garden distances, Zoning Status, Legend	
Week 9	Mid-term exam	
Week 10	APPLICATION 1: Plan Reading	
Week 11	APPLICATION 2: Transportation I	
Week 12	APPLICATION 3: Transportation II	
Week 13	APPLICATION 4: Transportation III	
Week 14	APPLICATION 5-6: Space Organization I-II	
Week 15	Project Delivery Week	
Week 16	Final exam	



Textbook / Material

- 1 Aydemir, S., Aydemir, S., Öksüz, A., M., Özyaba, M., Sancar, C., Beyazlı, D., Ş., Türk, Y., A., 2004; Kentsel Alanların Planlanması ve Tasarımı, Akademi Yayınevi, Trabzon.
- 2 Mengi, A., Keleş, R. 2003; İmar Hukukuna Giriş, İmge Kitabevi, Ankara.

Recommended Reading

- 1 Tekeli, İ., 2001; Modernite Aşılırken Kent Planlaması, TMMOB Yayınları
- 2 Bumin, K., 1990; Demokrasi Arayışında Kent, Ayrıntı Yay., İstanbul.
- 3 Keleş, R., 2000; Kentleşme Politikaları, 2000, İmge Yayınları, Ankara.
- 4 Kartal, K., 1992; Türkiye'de Kentleşme, Acim Yay., İstanbul.
- 5 Benevelo, L., 1995; Avrupa Tarihinde Kentler, Afa Yay., İstanbul
- 6 Kalabalık, H. 2009; İmar Hukuku Dersleri, Seçkin Yayınevi, Ankara.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	2021	2	30
Practice	10	2021	20	20
	11			
	12			
	13			
Clinic Practice	14			

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	4	14	56
Arasınav için hazırlık	6	1	6
Arasınav	4	1	4
Uygulama	2	7	14
Dönem sonu sınavı için hazırlık	10	1	10
Dönem sonu sınavı	4	1	4
Diğer 1	0	0	0
Total work load			150



CORPORATE INFORMATIONS

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CURRICULUM

- » First Year
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- » Third Year
- » Fourth Year
- » Learning Outcomes Matrix

ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes



MIM3012 Relay and Restoration Project 2*2*0 ECTS:4

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

14 weeks - 2 hours of lectures and 2 hours of practicals per week

Contact Hours

Doç. Dr. Murat TUTKUN

Lecturer

Doç. Dr. Murat Tutkun, Doç. Dr. Süleyman Özgen, Dr. Öğr. Üyesi Hamiyet Özen

Co-Lecturer

Language of Instruction

Türksh

Professional practise (Internship)

None

The aim of the course:

After an overview of the value of traditional texture, historical environment and historical buildings for social and physical spaces, it is aimed to introduce traditional and contemporary knowledge about conservation and restoration practices to students in a practical project format.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	they can learn to prepare architectural survey and to practice it.	4,5	3,4,5,
LO - 2 :	they can transfer area measurements to drawings.	4,5	3,4,5,
LO - 3 :	they can argue fieldworks by presentation techniques.	4,5	3,4,5,
LO - 4 :	they can present the survey by architectural techniques and prepare necessary reports.	4,5	3,4,5,
LO - 5 :	will be able to present the restitution study with architectural techniques and prepare the necessary reports, along with teaching the restitution research methods and techniques.	4,5	3,4,5,
LO - 6 :	Along with teaching restoration techniques, they will be able to present the restoration project with architectural techniques and prepare the necessary reports.	4,5	3,4,5,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

It is aimed to convey information about the applications related to fieldwork and office work for the protection of traditional buildings and cultural assets; practical expression of survey and documentation techniques with fieldwork and office work; practical explanation of restitution studies together with restitution research methods and techniques; practical explanation of restoration project and restoration techniques; also about the preparation of survey, restitution and restoration reports.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	the concept of measured drawing, restitution and restoration	

- Week 2 Information about the study area and determination of working groups
- Week 3 Applied field studies for the purpose of survey and documentation studies
- Week 4 Applied field studies for the purpose of survey and documentation studies
- Week 5 Examination and evaluation of the survey works in the office, technical controls for architectural drawings Deterioration and material analysis
- Week 6 Applied field studies for the purpose of survey and documentation studies
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- Week 8 Examination and evaluation of the survey works in the office, technical controls for architectural drawings Restitution studies
- Week 9 Restitution studies
- Week 10 Restitution studies and architectural period analysis
- Week 11 Examination and evaluation of restitution studies in the office, technical controls for architectural drawings and period analysis
- Week 12 Examination and evaluation of restitution studies in the office, technical controls for architectural drawings and period analysis
- Week 13 Restoration proposals and evaluation of necessary restoration techniques in the context of the proposal
- Week 14 Examination and evaluation of restoration studies in the office, technical controls for architectural drawings
- Week 15 Examination and evaluation of restoration studies in the office, technical controls for architectural drawings
- Week 16 End-of-term final project

Textbook / Material

- 1 Uluengin, M, 2002, Rölöve, YEM Yayınları, İstanbul.

Recommended Reading

- 1 Ahunbay, Z., 1996, Tarihi Çevre Koruma ve Restorasyon, YEM Yayın, İstanbul.
- 2 Kuban, D, 2000, Tarihi Çevre Korumanın Mimarlık Boyutu, YEM Yayın, İstanbul.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Project	16	10/06/2022	1	100

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	4	14	56
Sınıf dışı çalışma	2	8	16
Arasınav için hazırlık	1	3	3
Arasınav	1	1	1
Uygulama	2	14	28
Ödev	4	2	8
Proje	4	2	8





CORPORATE INFORMATIONS

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CURRICULUM

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- » Learning Outcomes Matrix

ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM4004	Profession Application Knowledge	2+0+0	ECTS:2
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		<u>Doç. Dr. Murat TUTKUN</u>	
Co-Lecturer		Assoc. Prof. Dr. Murat TUTKUN	
Language of Instruction		Turkish	
Professional practise (Internship)		None	

The aim of the course:

The student who receive architectural education are taught what kind of legal limitations they can come across in professional practices related to building-parcel and ground relations within the frame of current Planning Law and related regulations. The problems which emerge in the comprehension and application stages of these laws and regulations, and the methods which should be used in order to solve them. The inter-relations among municipality, client and architect in free market conditions. The relations and correspondences with enterprises and institutions. The valuation and metrage of the building, current adjudication regulations, and the contractor-employer relationships are taught as well.

Learning Outcomes

Upon successful completion of the course, the students will be able to :

- LO - 1 : they will be able to establish the relationship between planning rules and relevant laws in their professional life.
- LO - 2 : they will have the ability to solve the problems that arise during the comprehension and application stages.
- LO - 3 : they will have the ability to define and comprehend the relations between the land owner, the contractor, the municipality and other institutions.
- LO - 4 : they will be able to determine the evaluation, estimation, quantity (metrage) and progress of a building within the framework of today's rules.

CTPO TOA

13,14

1,

13,14

1,

13,14

1,

13,14

1,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

The aim of the Planning Law and regulations, the planning stages, the directions-regulations which are legislated in connection to Planning Law, plot and ground organisation, the rules to be obeyed while changing the urban development plans, the building and related design and application norms-standards, the expiry of licence, the permission to use the building. Coding of the buildings in application. The authority and responsibilities of Board of Monuments and their relations with reconstruction. The current adjudication regulations.



Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Concepts of profession and professional ethics	
Week 2	Project and Project Management	
Week 3	Architectural projects in the context of professional practice	
Week 4	The most common basic professional terms in professional practice	
Week 5	Relations between local governments, public institutions and organizations, land owners, employers and contractors	
Week 6	Physical development planning laws and regulations	
Week 7	Physical development planning laws and regulations	
Week 8	Heritage protection laws, working methods of heritage protection boards	
Week 9	Mid-term exam	
Week 10	Construction unit price and unit price descriptions	
Week 11	Quantity (metrage), estimation, approximate cost, final account, progress payment and progress payment programs	
Week 12	Provisional and final acceptances	
Week 13	tender (bid), tender dossier and tender law	
Week 14	Supervision and construction site works	
Week 15	The place of the architect in the construction process, his/her responsibilities towards his/her profession and professional organization	
Week 16	Final exam	

Textbook / Material

- 1 3194 Sayılı İmar Kanu ve Yönetmelikleri
- 2 Ekinci, C.E., 2020; Bordo Kitap Mimar ve Mühendisin İnşaat El Kitabı, Data Yayınları, İstanbul.

Recommended Reading

- 1 Aydemir, Ş. ve diğer, 2004; Kentsel Alanların Planlanması ve Tasarımı, Akademi Kitabevi, Trabzon

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	22/04/2022	1	50
End-of-term exam	16	10/06/2022	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	1	14	14



Laboratuar alıřması	0	0	0
Arasınav iin hazırlık	8	1	8
Arasınav	1	1	1
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	0	0	0
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı iin hazırlık	8	1	8
Dönem sonu sınavı	1	1	1
Diđer 1	0	0	0
Diđer 2	0	0	0
Total work load			60



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ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes



MIM4005-3	Architectural Project - VII	4+4+0	ECTS:9
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		MIM3018-Architectural Project-VI must have been passed	
Mode of Delivery		Face to face, Group study	
Contact Hours		14 weeks - 4 hours of lectures and 4 hours of practicals per week	
Lecturer		Prof. Dr. Sonay ÇEVİK	
Co-Lecturer		Related lecturers of Department of Architecture	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

Demonstrate that architectural design is a semi-autonomous discipline, and designing task takes place as an integral part of general town planning and is dependent on site and societal properties.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : render philosophical and artistic discussions on architecture.	3	3,6
LO - 2 : developed a view of national realities, postmodern deregulation policies and regional stances.	3	3,6
LO - 3 : test their proposals against existing urban context.	3	3,6
LO - 4 : opinionated in larger design context, principles of energy saving, ecology and sustainability.	3	3,6
LO - 5 : surefooted in protection and preservation principles.	3	3,6
LO - 6 : confident in urban transformation projects.	3	3,6

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

Global philosophical and artistic discussions, national realities, postmodern deregulation policies and regional stances are incorporated into workshop. Architectural studio work takes over the options of town planning in relation to specified site; mutual relations of proposals and the existing town are reflectively brought to the design board. According to regional properties sources of natural energy with respect to sustainability, protection and preservation qualities and principles of approach to such specific sites, urban transformation projects can be issues to attack in this workshop.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Acknowledgement of the subject of the term project, pre-design phase knowledge and discussions.	
Week 2	Information gathering and sharing with the other participants.	
Week 3	Information gathering and sharing with the other participants; determining the program.	
Week 4	Site seing; modeling the sit and submission of analysis.	
Week 5	First sketches; expounding on ideas and concepts.	
Week 6	Producing alternative solutions.	
Week 7	Chose among the alternatives baed on the criteria suggested by the dialogue between the master and the students.	
Week 8	Development phase	
Week 9	Mid-term exam	
Week 10	Solution of structural problems.	
Week 11	Revision of the project due to the water & electric distribution, heating, air conditioning, the sewage system and security measures.	
Week 12	Development of sections and elevations.	
Week 13	Changing the scale of project to have a closer look at functional, structural and other problems.	
Week 14	Materials, colors and texture revisions.	
Week 15	Information on presentation techniques and methods.	
Week 16	End-of-term exam	

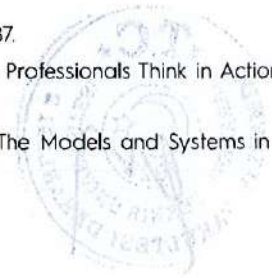
Textbook / Material

- 1 Lawson, Bryan How designers think-the design process demystified. Oxford: Oxford UP. 1997.
- 2 Rowe, Peter G. Design Thinking. Cambridge: MIT Press.1987.
- 3 Schön, Donald A. (1983) The Reflective Practitioner: How Professionals Think in Action. London: Temple Smith.
- 4 Hiller, B, Leaman, A., The Architecture and Architecture", The Models and Systems in Architecture and Building, RIBA, Londra, 1975.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9		4	



	1			
	2			
	3			
	4			
	5			
	6			
	7			
In-term studies (second mid-term exam)	8		8	
	9			
	10			
	11			
	12			
	13			
	14			
	15			
End-of-term exam	16	03/06/2022	6	100

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	8	14	112
Sınıf dışı çalışma	5	14	70
Uygulama	4	14	56
Dönem sonu sınavı için hazırlık	30	1	30
Dönem sonu sınavı	2	1	2
Total work load			270



CORPORATE INFORMATIONS

- » General Information
- » Administration
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USEC0011	Career Planning	2+0+0	ECTS:6
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Elective	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		<u>Prof. Dr. Hülya KALAYCIOĞLU</u>	
Co-Lecturer		No	
Language of instruction		Turkish	
Professional practise (internship)		None	

CURRICULUM

- » First Year
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ACADEMIC UNITS

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- » Short Cycle Degree Programmes

The aim of the course:

In the draft framework created by the Presidential Human Resources Office, it is suggested that the course be held with videos and activities prepared for each week, with guests invited from university lecturers, industry professionals, non-governmental organizations and international organizations. The purpose is; It is aimed that university students create career awareness about the dynamics and expectations of business life, plan their work life after graduation by making the best use of their learning processes, choose a job and profession in the fields that are suitable for their qualifications, and shape their careers in areas suitable for their own skills, abilities and competencies. Also; Career stages, Professional trends and future professions, Career trends in the world, expectations of the business world from new graduates, Methods of preparing CV, cover letter and thank you letter, How to have an effective job interview? Information on interview techniques, job application on the Internet channel and examination of job application forms on companies' web pages, Principles of performance management and its effect on employee development, Time management and its effective use, Professional ethics, Stress management, Verbal and written communication principles, Professional from the business world It is intended to inform about the view.

Learning Outcomes

CTPO TOA

Upon successful completion of the course, the students will be able to :

Learning Outcomes	CTPO	TOA
LO - 1 : They should be able to familiarize the student with the Career Development Application and Research Centers and their activities, to ensure that they are aware of the services offered by the Career Center, and to establish a link between the center and the student.	6,7,8,9	1,5,
LO - 2 : Increasing personal awareness and student; Defining concepts such as intelligence, personality, knowledge, skill, talent and competence and the effects of these concepts on career development.	6,8,9,10	1,5,
LO - 3 : The student's discovery of career options, recognizing sectors such as public and private sectors, academia, non-governmental organizations, understanding the differences between sectors and seeing the working life in these sectors.	2,6,10,11	1,5,
LO - 4 : Increasing awareness about the importance of developing sensitive skills in the career process.	2,6,8,9	1,6,
LO - 5 : Informing students about activities that can contribute to their careers outside of classes throughout their university life in order to discover the activities that can be done to contribute to career planning.	8,9,10,11	1,6,
LO - 6 : Students should be informed about international exchange programs, gain awareness about their contributions to personal development and academic life, and their positive reflections on their career plans.	5,6,8,11	1,5,



Students; To be informed about the Presidency's Talent and
LO - 7 Career Gates, to receive consultancy from Career Centers
: through the Talent Gate, to apply to activities such as fairs,
4,6,8,9 1,6,
seminars, workshops and internship announcements.

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

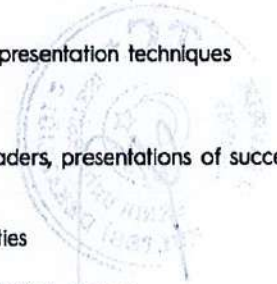
Concepts related to career planning and development, career management practices and tools, career cycles and career problems and solutions, Relationship between career planning and vocational counseling, Individual career development, CV preparation and CV types, Job interview, Lifelong career planning, sensitive skills, Information is provided on concepts such as future professions, personal development, time and stress management. With the participation of human resources managers from public and private institutions, information is provided on recruitment processes and achievements.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Explaining the purpose and scope of the course, career center services and opportunities to benefit from them.	
Week 2	Definition and evaluation of Sensitive Skills, talent, competence, career and career management concepts	
Week 3	Promotion and operation of exchange and education scholarship programs to support undergraduate education, KTU Exchange Programs Coordinatorship - Erasmus+ Program applications.	
Week 4	The importance and rules of using networking and social media, Self-introduction, formal correspondence rules, methods of improving addressing skills	
Week 5	CV preparation techniques, effective presentation techniques, Course and IŞKUR, EUROPASS seminars	
Week 6	Presidency, promotion and function of talent and career door, job and internship opportunities, TUBITAK undergraduate student scholarship opportunities	
Week 7	Time management, effective use of time	
Week 8	Definition, effect and management of stress, Effective presentation techniques	
Week 9	MIDDLE EXAM	
Week 10	Recruitment processes of private sector and public leaders, presentations of success criteria	
Week 11	Today's professions, introduction and future opportunities	
Week 12	ALES; KPSS and YDS exams definition and factors affecting success	
Week 13	Personal skills and SWOT analysis	
Week 14	Effective presentation techniques	
Week 15	Success stories and Advice from public sector leaders	
Week 16	FINAL EXAM	

Textbook / Material

- 1 Cumhuriyetin İnanç Kaynakları Ofisi tarafından hazırlanan kitap, makale, dergi, çevrim içi kaynaklardan oluşan Kariyer Planlama dersi literatürü
<https://www.cbiko.gov.tr/projeler/kariyer-planlama-dersi>
- 2 Erasmus ofisi, IŞKUR ve diğer katılıma sunumları
- 3 https://karmer.gop.edu.tr/depo/menuler/birim_11898/duyurular_198/89e07439-672f-484e-a688-bca9b0a237f2/html_icerik/files/Kariyer%20Planlama%20Ders%20Sunumu.pdf



Recommended Reading

1. <https://www.siirt.edu.tr/dosya/personel/kisisel-gelisim-kaynaklar-siirt-202021215912210.pdf>
2. https://fenbilimleri.mu.edu.tr/Newfiles/115/Content/Kariyer_Sunumlar.pdf

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9. Hafta	12.04.2023	30 dakika	50
End-of-term exam	16. Hafta	31.05.2023	1 saat	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	3	14	42
Arasınav için hazırlık	3	7	21
Arasınav	1	1	1
Dönem sonu sınavı için hazırlık	4	7	28
Dönem sonu sınavı	1	1	1
Total work load			121



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MIM4001-4	ANALYSIS OF THE HISTORY OF ART AND ARCH	2+0+0	ECTS:6
Year / Semester		Fall Semester	
Level of Course		First Cycle	
Status		Elective	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		Dr. Öğr. Üyesi Aysun AYDIN SANCAROĞLU	
Co-Lecturer		none	
Language of Instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

UNDERSTANDING ART AND ARCHITECTURE KNOWLEDGE AS A PRACTICAL OF THE HISTORICAL AND SOCIAL.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : BECOME AWARE OF HISTORICAL AND ART AND ARCHITECTURE AS A SOCIAL PRACTICE	4,6	1,
LO - 2 : REALIZE THE TOTALITY OF TIME-SPACE CONCEPT	4,6	1,
LO - 3 : LEARN THE CONCEPT OF HISTORICITY.	4,6	1,
LO - 4 : BREAK DOWN CONSTRUCTION INFORMATION PROVIDED	4,6	1,
LO - 5 : SEE SUBSIDIARITY-UNIVERSALITY, SIMULATED-ORIGINAL, IDENTITY, THE CONCEPT OF ART AND ARCHITECTURE SPECIFIC TO DISCUSS	4,6	1,

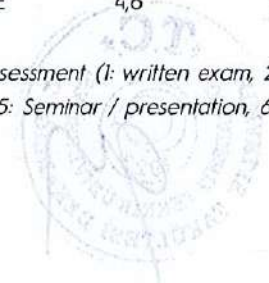
CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

LIMITS OF ART AND ARCHITECTURE AREA, HISTORICITY AND CONCEPTUAL ISSUES ARE DISCUSSED.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	COURSE INTRODUCTION	
Week 2	ART AND ARCHITECTURE AND BE EXAMINING THE-TRANSCENDENTAL KNOWLEDGE.	
Week 3	DISCUSSION OF PRODUCTION OF KNOWLEDGE.	
Week 4	WHAT IS ART? WHAT IS ARCHITECTURE? DISCUSSION QUESTIONS AND ART AND ARCHITECTURE OF THE BOUNDARY DETERMINATION.	
Week 5	ART AND ARCHITECTURE HISTORICITY OF-BEYOND THE TIME OF ARCHITECTURE, HISTORY-NON-FICTION A CRITICAL LOOK.	
Week 6	ART AND ARCHITECTURE AND PRACTICE AREA AND DATA CONVERSION.	
Week 7	OVERVIEW AND DISCUSSION.	



Week 8 RELATIONSHIP BETWEEN ART AND ARCHITECTURE.

Week 9 midterm

Week 10 PROBLEMS AND ORIGINAL ART AND ARCHITECTURE OF THE IMITATION.

Week 11 ART AND ARCHITECTURAL STYLES OF EXPRESSION.

Week 12 ART AND ARCHITECTURE OF THE IDENTITY PROBLEMS.

Week 13 ART AND ARCHITECTURE SUBSIDIARITY-UNIVERSALITY IDENTIFICATION OF DOUBLE CONTRAST.

Week 14 ART AND ARCHITECTURE'S POWER, IDEOLOGY, THE RELATIONSHIP BETWEEN POLICY.

Week 15 OVERVIEW AND DISCUSSION.

Week 16 final

Textbook / Material

- 1 TANYELİ, U., (2011), RÜYA, İNŞA, İTİRAZ, BOYUT YAYIN GRUBU, 2011, İSTANBUL.
- 2 GLEDİON, S., (1963), SPACE, TIME AND ARCHİTECTURE, HARVARD UNIVERSITY PRESS, MASSACHUSETTS.

Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	24/11/2021	1	50
End-of-term exam	16	1/1/2022	1	50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	4	14	56
Laboratuvar çalışması	0	0	0
Arasınan için hazırlık	5	7	35
Arasınan	1	1	1
Uygulama	0	0	0
Klinik Uygulama	0	0	0
Ödev	3	12	36
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	4	7	28
Dönem sonu sınavı	1	1	1
Diğer 1	0	0	0
Diğer 2	0	0	0



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MIM4006 Cinema and Architecture Grammar 2*0*0

ECTS:5

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Elective

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

None

Mode of Delivery

Contact Hours

14 weeks - 2 hours of lectures per week

Lecturer

Prof. Dr. Asu BEŞGEN

Co-Lecturer

-

Language of Instruction

Turkish

Professional practise (internship)

None

The aim of the course:

To understand the art of cinema, to discuss and comprehend the methods of reading a film, to watch the films chosen from the history of cinema, to analyse the films in architectural scale and to reinterpret the films by design concepts.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	summarise the general concepts of the terminology of cinema and architecture.	2	1,3,5,
LO - 2 :	summarise the historical process of cinema.	2	1,3,5,
LO - 3 :	summarise the methods of reading a film.	2	1,3,5,
LO - 4 :	associate the interaction between cinema and architecture.	2	1,3,5,
LO - 5 :	express their own original ideas about reading films in front of an audience.	2	1,3,5,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

The language and the concepts of cinema. The history of cinema. The methods of reading a film. The relationship-interaction of cinema and architecture.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Introduction to the course: Discussions on the aim, content and the process of the course.	
Week 2	General concepts of cinema and architecture.	
Week 3	The history of cinema.	
Week 4	The history of architecture.	
Week 5	The relationship-interaction between cinema and architecture.	
Week 6	Space in cinema and architecture.	
Week 7	The ways of using space in cinema and architecture.	



Week 8 Evaluation of the first term course and discussions.

Week 9 Mid-term exam.

Week 10 Watching, reading and analysing the films chosen from the history of cinema.

Week 11 Watching, reading and analysing the films chosen from the history of cinema.

Week 12 Watching, reading and analysing the films chosen from the history of cinema.

Week 13 Watching, reading and analysing the films chosen from the history of cinema.

Week 14 Watching, reading and analysing the films chosen from the history of cinema.

Week 15 Watching, reading and analysing the films chosen from the history of cinema.

Week 16 Final exam.

Textbook / Material

Recommended Reading

- 1 Monaco, J. 2002; Bir Film Nasıl Okunur?, Oğlak Yayıncılık, İstanbul.
- 2 Pallasma, J. 2011; Tenin Gözleri: Mimarlık ve Duyular, Yem Yayınları, İstanbul.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9			50
End-of-term exam	16			50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	7	14	98
Arasınav için hazırlık	2	1	2
Arasınav	1	1	1
Ödev	5	3	15
Dönem sonu sınavı için hazırlık	5	1	5
Dönem sonu sınavı	1	1	1
Total work load			150



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ACADEMIC UNITS

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MIM4000

Graduation Study

0+6+0

ECTS:9

Year / Semester

Spring Semester

Level of Course

First Cycle

Status

Compulsory

Department

DEPARTMENT of ARCHITECTURE

Prerequisites and co-requisites

MIM4005-3-Architectural Project - VII must have been passed

Mode of Delivery

Face to face

Contact Hours

14 weeks - 6 hours of practicals per week

Lecturer

Öğr. Gör. Ayşegül ÖZYAVUZ

Co-Lecturer

Related lecturers of Department of Architecture

Language of instruction

Turkish

Professional practise (internship)

None

The aim of the course:

To prepare and communicate a design work holistically within realistic measures. Viability and feasibility.

Learning Outcomes

CTPO

TOA

Upon successful completion of the course, the students will be able to :

LO - 1 :	gain the experience about the research and analyses for preparing the project.	1,2	3,4,6,
LO - 2 :	will gain the competence the evaluation of the research about the project.	1,2	3,4,6,
LO - 3 :	realized to design a project according to the spatial, social, cultural, contextual and geographical realities.	1,2	3,4,6,
LO - 4 :	finalize a project without the instructor's critics.	1,2	3,4,6,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

In order to graduate from the school of architecture with a bachelor degree the student is to present an independent full project for a wanted building on a specific site according to the graduate project specifications. Student is enhanced to synthesize and betray all knowledge and skill conveyed throughout education. He is given suggestions and evocations during jury conventions open to public.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Acknowledgement of the subject of the final project, pre-design phase knowledge and discussions.	
Week 2	Students? questions and responses upon consensus	
Week 3	Independent study: Information gathering and sharing with the other participants; determining the program	
Week 4	Independent study	
Week 5	Independent study	
Week 6	I. mid-jury	



Week 7 Independent study

Week 8 Independent study

Week 9 Mid-term exam

Week 10 II. mid-jury

Week 11 Independent study

Week 12 Independent study

Week 13 Independent study

Week 14 Independent study

Week 15 Independent study

Week 16 End-of-term exam

Textbook / Material

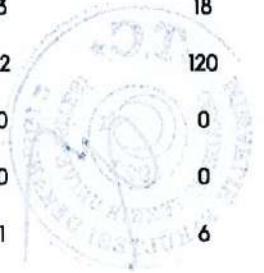
Recommended Reading

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	5			
	6	/2022	1	30
	10			
End-of-term exam	17	/2022	1	70

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	6	3	18
Sınıf dışı çalışma	10	12	120
Laboratuar çalışması	0	0	0
Arasnav için hazırlık	0	0	0
Arasnav	6	1	6
Uygulama	6	1	6
Klinik Uygulama	0	0	0
Ödev	8	12	96
Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	20	1	20
Dönem sonu sınavı	6	1	6
Diğer 1	0	0	0
Diğer 2	0	0	0





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- » 1st Cycle Degree Programmes
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MIM4022	Professional Experience - II	0*2*0	ECTS:4
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Compulsory	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery		Face to face	
Contact Hours		14 weeks - 2 hours of practicals per week	
Lecturer		<u>Doç. Dr. Reyhan MİDİLLİ SARI</u>	
Co-Lecturer		Staff in the place of work where the internship period is being carried out	
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

The objective of the internship period is to provide students the opportunity to test their interest in a particular career before permanent commitments are made, to help the student develop skills in the application of theory to practical work situations, to develop skills and techniques directly applicable to their careers, to aid students in adjusting from academic environment to full-time employment, and to increase students' sense of responsibility

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : demonstrate a sound understanding of the legal, professional and ethical framework for the work of interest	13	5,6
LO - 2 : develop problem solving skills and apply them in a range of areas related to the profession	13	5,6
LO - 3 : apply organisational skills and manage work issues and interpersonal relationships in areas related to the profession	13	5,6

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

The practical placement gives the student the opportunity to transform the theoretical knowledge obtained during the educational programme into the work environment and hence includes all kinds of work-related activities. Students are required to spend 30 days in any field related to the area of interest where they can practise their profession. The work carried out is compiled in a detailed manner on daily basis in the form of a report which is then approved by the chief staff in the place of work and then submitted to the academic staff responsible for the evaluation and grading of the internship reports.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Carrying out the work given by the chief staff in the working place selected.	
Week 2	Carrying out the work given by the chief staff in the working place selected (Continued)	
Week 3	Carrying out the work given by the chief staff in the working place selected (Continued)	
Week 4	Carrying out the work given by the chief staff in the working place selected (Continued)	
Week 5	Carrying out the work given by the chief staff in the working place selected (Continued)	

Week 6 Carrying out the work given by the chief staff in the working place selected (Continued)

Week 7 Finalising the report and submitting it to the departmental contact point.

Textbook / Material

- 1 Books, handouts, plans, charts and other material given by the chief staff in the working place

Recommended Reading

- 1 Reference books and papers containing information related to the work carried out

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9	06/04/2020		50
End-of-term exam	16	23/05/2020		50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Uygulama	20	6	120
Total work load			120



CORPORATE INFORMATIONS

- » General Information
- » Administration
- » Objectives & Programme Outcomes
- » Academic Staff

CURRICULUM

- » First Year
- » Second Year
- » Third Year
- » Fourth Year
- » Learning Outcomes Matrix

ACADEMIC UNITS

- » 3rd Cycle Degree Programmes
- » 2nd Cycle Degree Programmes
- » 1st Cycle Degree Programmes
- » Short Cycle Degree Programmes

MIM4044	Landscape Design	2+0+0	ECTS:5
Year / Semester		Spring Semester	
Level of Course		First Cycle	
Status		Elective	
Department		DEPARTMENT of ARCHITECTURE	
Prerequisites and co-requisites		None	
Mode of Delivery			
Contact Hours		14 weeks - 2 hours of lectures per week	
Lecturer		Prof. Dr. Habibe ACAR	
Co-Lecturer			
Language of instruction		Turkish	
Professional practise (internship)		None	

The aim of the course:

The aim of the course, students' understanding of the relationship between the architectural environment and landscape design, landscape design process and its stages, to provide basic knowledge learning that will contribute to the design of open space beside the architectural space.

Learning Outcomes	CTPO	TOA
Upon successful completion of the course, the students will be able to :		
LO - 1 : will have knowledge about people's environment perception in the open spaces and expectations from environment.	6	3,5,
LO - 2 will understand open space design related to architectural space.	3,6,10	3,5,
LO - 3 will learn factors affecting the design of open space and these spaces? design criteria.	3,6,10	3,
LO - 4 will able to landscape design for different activities according to this information and assessments about application examples.	1,2,3,6	6,

CTPO : Contribution to programme outcomes, TOA :Type of assessment (1: written exam, 2: Oral exam, 3: Homework assignment, 4: Laboratory exercise/exam, 5: Seminar / presentation, 6: Term paper), LO : Learning Outcome

Contents of the Course

In this course, it will be focus on issues; theoretical basis of landscape design, meaning and scope of landscape and landscape architecture, the importance of landscape and landscape design for the architectural environment, architectural and environmental factors affecting design, the integration of the landscape design process with architectural environments, with design examples in urban and rural landscapes relationship between architectural environment and landscape, field plastic in the structural environment, plants as living elements of the landscape, evaluation of water elements and their use in landscape design.

Course Syllabus

Week	Subject	Related Notes / Files
Week 1	Introduction, The course's coverage and content, Meaning and scope of landscape, landscape architecture, landscape design concepts	
Week 2	Factors affecting landscape design; Topography, climate, perceptual factors, user	
Week 3	Human-environment interaction	
Week 4	User-activity-space relationship between architectural space and landscape space	



- Week 5 Elements used in landscape design-Natural elements
- Week 6 Elements used in landscape design- Structural elements and structures
- Week 7 Field plastic in landscape design
- Week 8 Water elements and their use in landscape design
- Week 9 Midterm exam
- Week 10 Landscape design process
- Week 11 Principles to be considered in landscape design
- Week 12 Evaluation of open space organizations in different function
- Week 13 Evaluation of open space organizations in different function
- Week 14 Preparing landscape design project in a defined outdoor space
- Week 15 Development of prepared landscape design Project
- Week 16 Final exam

Textbook / Material

- 1 Hannebaum, LG, 2001. Landscape Design: A Practical Approach (5th Edition), Prentice Hall.
- 2 VanDerZanden AM, 2008. Landscape Design: Theory and Application, Thomson Delmar Learning.

Recommended Reading

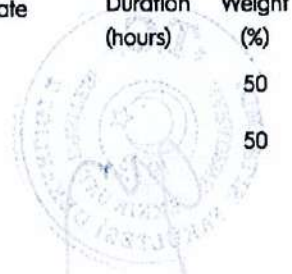
- 1 Booth, NK. 1989. Basic elements of landscape architectural design, Waveland Press.
- 2 Evyapan, GA, Tokol, AS, 2000. Peyzaj Tasarımı Ders Notları, METU Faculty of Architecture Press.
- 3 Altunkasa, MF, Uslu, C., 2016. Peyzaj Tasarımı, Birsen Yayınevi, İstanbul.

Method of Assessment

Type of assessment	Week No	Date	Duration (hours)	Weight (%)
Mid-term exam	9			50
End-of-term exam	16			50

Student Work Load and its Distribution

Type of work	Duration (hours pw)	No of weeks / Number of activity	Hours in total per term
Yüz yüze eğitim	2	14	28
Sınıf dışı çalışma	4	6	24
Laboratuvar çalışması	0	0	0
Arasınav için hazırlık	6	3	18
Arasınav	2	1	2
Uygulama	10	3	30
Klinik Uygulama	0	0	0
Ödev	4	4	16



Proje	0	0	0
Kısa sınav	0	0	0
Dönem sonu sınavı için hazırlık	6	5	30
Dönem sonu sınavı	2	1	2
Diğer 1	0	0	0
Diğer 2	0	0	0
Total work load			150



6

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