



T.C. ESKİŞEHİR OSMANGAZI UNIVERSITY
ENGINEERING AND ARCHITECTURE FACULTY
MECHANICAL ENGINEERING DEPARTMENT

COURSE INFORMATION FORM

SEMESTER | Fall

COURSE CODE	151817655	COURSE NAME	Aviation and Aircraft History
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SEMESTER	WEEKLY COURSE PERIOD			COURSE OF			
	Theory	Practice	Laboratory	Credit	ECTS	TYPE	LANGUAGE
7	3	-	-	3	4	COMPULSORY () ELECTIVE (X)	ENGLISH

COURSE CATAGORY

Basic Science	Basic Engineering	Engineering Subjects [if it contains considerable design, mark with (√)]	Social Science
			X

ASSESSMENT CRITERIA

	Evaluation Type	Quantity	%
	MID-TERM	Mid-Term	1
Quiz			
Homework			
Project		1	30
Report			
Others (.....)			
FINAL EXAM		1	40

PREREQUIEITE(S)

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COURSE DESCRIPTION

The scope will cover the history of aviation and the development of aircraft in the world and in Turkey.

COURSE OBJECTIVES

The main objective of this course is to contribute to students' interpretation skills in English by learning the basic concepts of aviation along with the historical development of aviation and aircraft in Turkey and in the world.

ADDITIVE OF COURSE TO APPLY PROFESSIONAL EDUATION

Helps improve the general understanding of the history of aviation and aircraft, sharpen their ability to read and think critically, develop their analytical skills, and learn to organize and present their thoughts from a historical point of view.

COURSE OUTCOMES

1. Learn the essence and historical evolution of aviation in Turkey and the world,
2. Be familiar with various types of aircraft ,
3. Improve research and presentation skills about recent aviation history.

TEXTBOOK

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OTHER REFERENCES

"Introduction to Aviation", Anadolu University Press, 2015.
"General Aviation", Anadolu University Press, 2016.

TOOLS AND EQUIPMENTS REQUIRED

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COURSE SYLLABUS

WEEK	TOPICS
1	A general look at the "Flight" term.
2	'Flying' and the birth of the idea of 'aircraft'.
3	A general look at the Aviation History around the World - I
4	A general look at the Aviation History around the World - II
5	A general look at the Turkish Aviation History - I
6	A general look at the Turkish Aviation History - II
7	Aviation in today.
8	MID-TERM
9	The birth and development of various aircraft (Balloon, Zeppelin, Helicopter, Airplane etc.).
10	Events that played an important role in Aviation History around the World.
11	People that played an important role in Aviation History around the World.
12	Events that played an important role in Aviation History in Turkey.
13	People that played an important role in Aviation History in Turkey.
14	Evaluation and interpretation
15,16	Final Exams

NO	PROGRAM OUTCOMES	3	2	1
1	Sufficient knowledge of engineering subjects related with mathematics, science and own branch; an ability to apply theoretical and practical knowledge on solving and modeling of engineering problems.	[]	[]	[x]
2	Ability to determine, define, formulate and solve complex engineering problems; for that purpose an ability to select and use convenient analytical and experimental methods.	[]	[]	[x]
3	Ability to design a complex system, a component and/or an engineering process under real life constraints or conditions, defined by environmental, economical and political problems; for that purpose an ability to apply modern design methods.	[]	[]	[x]
4	Ability to develop, select and use modern methods and tools required for engineering applications; ability to effective use of information technologies.	[]	[x]	[]
5	In order to investigate engineering problems; ability to set up and conduct experiments and ability to analyze and interpretation of experimental results.	[]	[]	[x]
6	Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence.	[x]	[]	[]
7	Ability to communicate in written and oral forms in Turkish/English; proficiency at least one foreign language.	[x]	[]	[]
8	Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement.	[x]	[]	[]
9	Understanding of professional and ethical issues and taking responsibility	[x]	[]	[]
10	Awareness of project, risk and change management; awareness of entrepreneurship, innovativeness and sustainable development.	[x]	[]	[]
11	Knowledge of actual problems and effects of engineering applications on health, environment and security in global and social scale; an awareness of juridical results of engineering solutions.	[]	[x]	[]
1:None. 2:Partially contribution. 3: Completely contribution.				

Prepared by: Öğr. Gör. Ezgi CAVKAYTAR

Date: 21.06.2021

Signature(s):