COURSE INFORMATION

Course Code	AAM 590	Course Name	Seminar					
Type of Course	**Level of Course**	**Semester**	**Language**	**Theory**	**Application (Practice)**	**Laboratory**	**Local Credits**	**ECTS**
Compulsory	Graduate	-	English	0	0	0	0	12

Department	: Aerospace Engineering
Prerequisites/Requirements for Admission	:
Mode of Delivery	: Face to Face
Course Coordinator	: Prof. Uğur Murat LELOĞLU
Course Lecturer(s)	: Prof. Uğur Murat LELOĞLU
Course Assistant(s)	:
Course Description/Aim	: This course, along with complementary course of ETH500 Scientific Research Methods and Ethics, aims to present the basic elements of conducting research, thesis writing and presentation skills. The students learn about avoiding plagiarism, literature survey techniques, presentation methods, writing scientific papers, writing dissertations and giving seminars.
Course Contents	: Plagiarism, Literature Survey, Writing Research Papers and Theses, Presentation Techniques, Seminar.
Recommended Optional Program Components	:
Compulsory Attendance	: 70% attendance is mandatory.

Course Learning Outcomes

#	Learning outcome	Teaching Methods/Techniques	Assessment method(s)
At the end of this course; students will be able to:			
1	Avoid plagiarism.	Lecture, individual work	Homework
2	Conduct literature survey.	Lecture, individual work	Homework
3	Write a research paper.	Lecture, individual work	Homework
4	Write a thesis.	Lecture, term project, individual work	Report
5	Present scientific work effectively.	Lecture, seminar, individual work	Seminar

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Weekly Detailed Course Content

Week	Content	Recommended Resource(s)	Time (Hours)
1			
2			
3	Plagiarism and its forms. How to avoid it?	Lecture Notes	2
4			
5	How to do Literature Survey?	Lecture Notes	2
6			
7	How to write a Research Paper, Structure of an Article, Choosing a journal, Submission, Reviewing Process	Lecture Notes	2
8			
9	How to present Research (Thesis/Project/Paper) Findings, Elements of an Effective Presentation	Lecture Notes	2
10			
11	Review of thesis abstracts and introductory chapters		2
12			
13	Seminar by the students		2
14	Seminar by the students		2
15	Final Exam		
16	Final Exam		

Sources

Course Notes / Textbooks	
Supplemental Readings	**Research:** 1. Kate L. Turabian, A manual for writers of research papers, theses, and dissertations: Chicago style for students and researchers. University of Chicago Press, 2013. 2. Paul D. Leedy, Jeanne Ellis Ormrod, Practical Research: Planning and Design (10th Edition), Pearson Education Limited, 2014. 3. Brian Paltridge, Susan Starfield, Thesis and Dissertation Writing in a Second Language, Routledge, 2007. **Presentation:** 1. Barbara Chivers, Michael Shoolbred, A Student's Guide to Presentations, Sage Publications, 2007. 2. Michael Alley, The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to Avoid (2nd Edition), Springer, 2013. 3. Ulysses Paulino Albuquerque, Speaking in Public About Science: A Quick Guide for the Preparation of Good Lectures, Seminars, and Scientific Presentations, Springer, 2015. **Plagiarism:** 1. Wilfried Decoo, Crisis on Campus: Confronting Academic Misconduct, The MIT Press, 2002. 2. http://www.plagiarism.org/ 3. https://owl.english.purdue.edu/owl/resource/589/01/

COURSE INFORMATION

Evaluation System

Work Placement	Number	Percentage of Grade (%)
Attendance		
Quizzes		
Homework	4	40
Presentation		
Laboratory/Practice		
Report(s)	1	20
Graduate Thesis/Project		
Seminar	1	40
Projects		
Midterm exam(s)		
Others (Term Project)		
Final exam		
Total		100
Percentage of semester work		100
Percentage of final exam		
Total		100

Workload Calculation

Activity	Number	Time (hours)	Total Work Load (hours)
Course Hours	7	2	14
On-line Activity Hours			
Individual study	4	15	60
Midterm exam(s)			
Final exam			
Homework	4	19	76
Presentation	1	50	50
Project	1	160	160
Application (Practice)	0	0	0
Laboratory	0	0	0
Total			360
ECTS Credit *(Total/30)*			12

Contribution of Learning Outcomes to Program Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
LO1	1	1	1	1	3	2	5	1	1
LO2	5	4	5	3	2	1	1	1	1
LO3	5	5	5	5	5	5	2	1	1
LO4	5	5	5	5	5	5	2	1	1
LO5	3	3	2	3	5	5	2	1	3

Contribution Level: 1: “Very low”, 2: “Low”, 3: “Medium”, 4: “High”, 5: “Very High”
LO: Learning Outcome of the Course
PO: Program Outcome