

**ABDULLAH GÜL UNIVERSITY
GRADUATE SCHOOL OF ENGINEERING & SCIENCE
INDUSTRIAL ENGINEERING DEPARTMENT
COURSE DESCRIPTION AND APPLICATION INFORMATION**

Course Name	Code	Semester	T+P Hour	Credit	ECTS
M.S. Special Topics	IE 597	Fall-Spring	4 + 0	0	5

Prerequisites No prerequisite

Course Type	Elective
Course Language	English
Course Coordinator	
Course Instructor	
Course Assistant	
Course Objective	To introduce the method and stages of academic research to student
Course Learning Outcomes	Student who accomplishes this course successfully, 1. Identifies the literature about the research topic, 2. Makes a literature review, 3. Defines the problem which he/she is working on, 4. Determines the appropriate methodologies for the solution of the problem 5. Collects required data 6. Interprets solutions, 7. Reports the studies effectively.
Course Content	Seminars given by guests or students

WEEKLY SUBJECTS AND RELATED PRELIMINARY PREPARATION PAGES

Week	Subjects	Preliminary
1	Identifying research topic	
2	Literature review	
3	Literature review	
4	Problem formulation	
5	Problem formulation	
6	Developing solution methodology	
7	Developing solution methodology	
8	Developing solution methodology	
9	Data collection	
10	Data collection	
11	Solving the problem	
12	Solving the problem	
13	Solving the problem	
14	Interpretation of results	
15	Reporting	
16	Presentation	

SOURCES

Lecture Notes	
Other Sources	Related articles

Sources Sharing

Documents	Articles will be shared via Canvas.
Homeworks	No homework.
Exams	No exams.

EVALUATION SYSTEM

ACTIVITIES	NUMBER	WEIGHT
Report and presentation	1	%100

TOTAL		%100
Within Semester Activities Success Rate		%100
Final Exam Success Rate		%0
TOTAL		%100

Course Category		
Natural Science and Mathematics		%30
Engineering Science		%70
Social Science		%0

LEARNING OUTCOMES AND PROGRAM QUALIFICATIONS RELATIONSHIP						
No	Program Qualification	Contribution Level				
		1	2	3	4	5
1	PY1.					X
2	PY2.					X
3	PY3.					X
4	PY4.		X			
5	PY5.				X	
6	PY6.			X		

* It is in the increasing order between 1 to 5.

ECTS / WORK LOAD TABLE			
Activities	Activity	Duration (Hour)	Total Work Load
Course Duration (including exam week: 16x total course hours)		4	64
Out-of-class Study Time (Literature review, data collection)		4	64
Report Preparation		15	15
Presentation Preparation		5	5
Total Work Load			148
Total Work Load / 30			4,93
Course ECTS CREDIT			5