AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Special Topics								
Course Code	MME599		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	8	Workload	195 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Discussion of research outcomes in the light of recent technological developments. All graduate students must register for that course at the beginning of each semester as in the case of any other graduate course								
Course Content	Discussion of research outcomes in the light of recent technological developments								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Project Based Study, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	15
Final Examination	1	60
Quiz	1	15
Assignment	1	5
Term Assignment	1	5

Recommended or Required Reading	
1	Relevant literature research

Week	Weekly Detailed Course Contents	
1	Theoretical	To discuss special topics
2	Theoretical	To discuss special topics
3	Theoretical	To discuss special topics
4	Theoretical	To discuss special topics
5	Theoretical	To discuss special topics
6	Theoretical	To discuss special topics
7	Theoretical	To discuss special topics
8	Intermediate Exam	Midterm Exam
9	Theoretical	To discuss special topics
10	Theoretical	To discuss special topics
11	Theoretical	To discuss special topics
12	Theoretical	To discuss special topics
13	Theoretical	To discuss special topics
14	Theoretical	To discuss special topics
15	Theoretical	To discuss special topics
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	16	2	4	96
Assignment	5	0	3	15
Term Project	1	15	10	25
Quiz	4	4	1	20
Midterm Examination	1	15	2	17

Final Examination	1	20	2	22
			Total Workload (Hours)	195
			[Total Workload (Hours) / 25*] = **ECTS**	8
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To follow the current subjects about the project, transfer the current knowledge to the concerned case
2	To follow and implement related literature
3	Development of ability to criticize current topics
4	Development of ability to evaluate previous research results
5	Planning scientific improvement in relevant areas

Programme Outcomes *(Mechanical Engineering Master's Without Thesis)*	
1	To be able to access wide and deep information with scientific researches in the field of Engineering, evaluate, interpret and implement the knowledge gained in his/her field of study
2	To be able to complete and implement “limited or incomplete data” by using the scientific methods
3	To be able to consolidate engineering problems, develop proper method(s) to solve and apply the innovative solutions to them
4	To be able to develop new and original ideas and method(s), to develop new innovative solutions at design of system, component or process
5	To be able to gain comprehensive information on modern techniques, methods and their borders which are being applied to engineering
6	To be able to design and apply analytical, modeling and experimental based research, analyze and interpret the faced complex issues during the design and apply process
7	To be able to gain high level ability to define the required information and data
8	To be able to work in multi-disciplinary teams and to take responsibility to define approaches for complex situations
9	To be able to transfer of the process and results of studies at national and international environments systematic and clear verbal or written
10	To be able to become aware of social, scientific and ethical values guarding adequacy at all professional activities and at the stage of data collection, interpretation, and announcement
11	To be able to become aware of new and developing application of profession and ability to analyze and study on those applications
12	To be able to gain ability to interpret engineering application’s social and environmental dimensions and it’s compliance with the social environment

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	5	4	5	3	5
P2	4	5	4	4	4
P3	5	4	3	3	5
P4	4	3	4	4	4
P5	3	5	3	5	3
P6	3	4	5	3	5
P7	4	3	5	4	3
P8	3	5	4	3	4
P9	4	5	3	4	5
P10	5	4	5	5	4
P11	5	3	5	4	5
P12	4	5	4	4	5