



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Phd Qualification Preparation							
Course Code		MME808		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	30	Workload	750 (Hours)	Theory	0	Practice	0	Laboratory	0
Objectives of the Course		The student will complete necessary activities for preparation to doctoral proficiency which consists of two parts, written and oral							
Course Content		Individual work needed to be successful in the Doctoral Qualifying Exam.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Individual Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Attending Lectures	15	100

Recommended or Required Reading

Week	Weekly Detailed Course Contents	
1	Theoretical	Analyze the program outcomes of the program where the student registered
2	Theoretical	Identification of the necessary preparatory activities for the Doctoral Qualifying Exam
3	Theoretical	Individual work, discussion with supervisor when it is necessary
4	Theoretical	Individual work, discussion with supervisor when it is necessary
5	Theoretical	Individual work, discussion with supervisor when it is necessary
6	Theoretical	Individual work, discussion with supervisor when it is necessary
7	Theoretical	Individual work, discussion with supervisor when it is necessary
8	Theoretical	Individual work, discussion with supervisor when it is necessary
9	Theoretical	Individual work, discussion with supervisor when it is necessary
10	Theoretical	Individual work, discussion with supervisor when it is necessary
11	Theoretical	Individual work, discussion with supervisor when it is necessary
12	Theoretical	Individual work, discussion with supervisor when it is necessary
13	Theoretical	Individual work, discussion with supervisor when it is necessary
14	Theoretical	Individual work, discussion with supervisor when it is necessary
15	Theoretical	Individual work, discussion with supervisor when it is necessary

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Individual Work	15	0	50	750
Total Workload (Hours)				750
[Total Workload (Hours) / 25*] = ECTS				30
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	A student who is successful in this course should be use necessary knowledge, skills and competencies to be successful in the Doctoral Qualifying Exam.
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Programme Outcomes (Mechanical Engineering (English) Doctorate)

1	1. In Mathematics, natural sciences and mechanical engineering, department has the sufficient infrastructure; the ability to use the theoretical and practical information for engineering solutions
2	2. The ability to identify, define, and solve the formula for complex engineering problems; the ability to select and apply for the appropriate analytical methods and modelling techniques
3	3. To meet desired needs of a system, system component, or process, analysing and designing skill under realistic constraints; in this respect, the ability to apply the methods of modern design



4	4. The ability to use and choose modern techniques and tools for required engineering applications and; the ability to use information technology effectively
5	5. The ability to design the experiment, collect the data for the experiment and interpret to analysing results
6	6. The ability to use computer software and hardware information, access to information and other information sources
7	7. The ability to work individually and with multidisciplinary teams effectively, taking responsibility self-confidence for complex situations
8	8. The ability to communicate with foreign colleagues by having high level of foreign language knowledge in the field of engineering
9	9. Monitoring the science and technology developments and the ability to renew itself with innovative ideas constantly
10	10. Professional and ethical responsibility awareness
11	11. Having an adequate information and awareness in the subjects of occupational safety, occupational health, social security rights, quality control and management issues of environmental protection
12	12. The ability to appreciate the effects of engineering solutions and applications in universal and social dimensions
13	13. The ability to be enlightened to the experts or non-expert audience groups on the issues related with engineering problems and solutions written and oral
14	14. The ability to have adequate knowledge and skills in the project development and application, manage the activities planning, including the projects to the employees having the responsibility of the project by increasing vocational awareness

