



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Project Studies in Mathematics Education							
Course Code		MTE506		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	8	Workload	200 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To examine new mathematical projects and develop new projects							
Course Content		Students learn about the types, structures and contents of the projects designed for mathematics education. They develop qualified mathematics education projects at undergraduate level. It is aimed to recognize the projects made in the field of mathematics education and to produce new projects.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	70

Recommended or Required Reading

1	Karasar, N. (2003). Bilimsel araştırma Yöntemi. Nobel Yayın Dağıtım. Ankara.
2	Karasar, N. (2001). Araştırmalarda Rapor Hazırlama. Nobel Yayın Dağıtım. Ankara.
3	-Büyüköztürk, Ş. (2004). Sosyal Bilimler İçin Veri Analizi El Kitabı. Pegem Yayıncılık. Ankara.

Week	Weekly Detailed Course Contents	
1	Theoretical	Discussion of basic information about the project and the concept of the project, Investigation of the types and characteristics of the Project
2	Theoretical	Examination of scientific projects
3	Theoretical	Analysis of structures of scientific projects
4	Theoretical	Discussion of project preparation steps on sample projects
5	Theoretical	Discussion of project preparation steps on sample projects
6	Theoretical	Examination and discussion of the projects prepared for secondary mathematics subjects
7	Theoretical	Examining and discussing the universities' mathematics education projects within the scope of Scientific Research Projects
8	Intermediate Exam	Midterm exam/ Granting of group projects
9	Theoretical	Examination and discussion of mathematics education projects supported by Tübitak and universities
10	Theoretical	Examination and discussion of mathematics education projects supported by TÜBİTAK
11	Theoretical	Preparing a project proposal containing all stages of mathematics teaching by pupils
12	Theoretical	Presenting and discussing prepared project proposals
13	Theoretical	Presenting and discussing prepared project proposals
14	Final Exam	Final exam / presentation of group projects

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	5	3	112
Midterm Examination	1	38	2	40
Final Examination	1	46	2	48
Total Workload (Hours)				200
[Total Workload (Hours) / 25*] = ECTS				8
*25 hour workload is accepted as 1 ECTS				



Learning Outcomes

1	To see and recognize the projects related to mathematics.
2	Compare the projects related to mathematics
3	Developing a project related to mathematics.
4	To develop and implement new projects.
5	To evaluate projects

Programme Outcomes (*Mathematics Education Master*)

1	Learns sufficient theoretical knowledge in the field of mathematics education
2	Uses theoretical knowledge in educational settings
3	Integrates mathematics education knowledge with the other disciplines and products functional knowledge
4	Uses information and communication technologies efficiently in conceptual learning
5	Finds scientific solutions to the problems in the field of mathematics education
6	Evaluates the knowledge critically in the field
7	Participates team projects in the mathematics education field
8	Shares national and international data in the field of mathematics education
9	Comprehends and evaluates science-technology-society and mathematics interactions
10	Comprehends mathematics under the ethical values and takes account of ethical considerations
11	Follows the current development in the mathematics education field
12	Develops strategical plans and evaluates them in the context of quality processes
13	Adopts lifelong learning strategies to his/her studies

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	4	5	5	4	4
P2	4	3	3		
P3	4	3	5		
P4	4	3	3		
P5	5	3	3		
P6	5	3	3		
P7	4		3		
P8	5	5	3		
P9	5	4	4		
P10	5	4	4		
P11	5	4	3		
P12	5	3			
P13	4	4	3		

