



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Seminar							
Course Code		MTE701		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	150 ( <i>Hours</i> )	Theory	0	Practice	2	Laboratory	0
Objectives of the Course		The aim of this course is to make students gain insight and knowledge about scientific research on a specific subject and to be able to synthesize the acquired knowledge via research to be organized and demonstrated in a report.							
Course Content		The course covers the research, synthesize, analysis processes of a specific subject determined by the student in order to work in the consultancy of a professor in the second half of the Master courses							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Final Rate	1	100

### Recommended or Required Reading

1	Fidan, Nurettin. (1986). Okulda Öğrenme ve Öğretme: Kavramlar, İlkeler, Yöntemler. Ankara.
2	Kaptan, Saim. (1995). Bilimsel Araştırma ve İstatistik Teknikleri. Onuncu Baskı. Ankara: Bilim Yayınları.
3	Karasar, Niyazi. (2000). Araştırmalarda Rapor Hazırlama. Onuncu Baskı. Ankara: Nobel Yayın Dağıtım.
4	Karasar, Niyazi (1998). Bilimsel Araştırma Yöntemi. Sekizinci Baskı. Ankara: Nobel Yayın Dağıtım.

Week	Weekly Detailed Course Contents	
1	Theoretical	Determining Seminar Subjects
2	Theoretical	Determining Seminar Subjects
3	Theoretical	Literature research
4	Theoretical	Literature research
5	Theoretical	Literature research
6	Theoretical	Collecting data
7	Theoretical	Collecting data
8	Theoretical	Collecting data
9	Theoretical	Collecting data
10	Theoretical	Collecting data
11	Theoretical	Data analysis
12	Theoretical	Data analysis
13	Theoretical	Data analysis
14	Theoretical	Data analysis
15	Theoretical	Report writing

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	2	84
Assignment	7	8	0	56
Reading	5	0	2	10
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To be able to determine problems in the study area
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2	To be able to solve problems in the study area
3	To be able to make a detailed survey of the literature on a given topic
4	To be able to interpret information obtained from research studies
5	To be able to integrate information obtained from research studies
6	To be able to make up a scientific report with conclusions
7	To be able to present conclusions

**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	L6	L7
P1	4	4	4	4	4	4	4
P2	5	5	5	5	4	4	4
P3	4	4	4	4	5	4	4
P4	5	5	4	4	4	4	4
P5	5	5	4	4	4	4	4
P6	4	4	5	4	4	5	4
P7	3	4	4	4	5	4	4
P8	4	5	5	4	4	5	4
P9	5	4	4	4	4	4	3
P10	4	4	4	4	4	4	4
P11	5	5	4	5	4	4	4
P12	4	4	5	4	4	4	4
P13	3	3	3	3	3	3	3

