AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Drama in Mathematıcs Education I								
Course Code	MTE507		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	8	Workload	200 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Learning creative drama method, preparing mathematic lesson plan with creative drama method and applying it.								
Course Content	Definition of drama, history of drama and relationship between drama and games, contributor of creative drama. Stages of creative drama, plan development in creative drama, role and importance of creative drama as a method of teaching mathematics. Creative drama practices in mathematics education in our country and other countries. Practices of creative drama in mathematics teaching and designing workshop. Practices of creative drama in mathematics teaching in primary and secondary education.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Experiment, 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	Altun, M. (1998). Eğitim fakülteleri ve ilköğretim öğretmenleri için matematik öğretimi. Alfa basım yayım dağıtım.
2	Morgül, M.(2006). Yaratıcı Dramaya Merhaba. Kök Yayıncılık.
3	Vural, R.A., Somers, J., W.(2013). İlköğretimde Drama: Kuram ve Uygulama, Pegem Akademi Yayınları, Ankara.
4	İlköğretim Drama I. (2003) Devlet Kitapları.
5	Özsoy, N. (2010). Matematik Öğretiminde Alternatif Etkinlikler. “Yaratıcı Drama Uygulamaları”. Adnan Menderes Üniversitesi Yayınları. No. 36.

Week	Weekly Detailed Course Contents	
1	Theoretical	Dating and the period of restructuring plan
2	Theoretical	What is Creative Drama? Drama as a teaching method.
3	Theoretical	Why creative Drama in mathematics education is important?
4	Theoretical	Stages of Creative Drama
5	Theoretical	Techniques used in creative drama
6	Theoretical	preparation of mathematics curriculum by the method of creative drama
7	Theoretical	Implementation of the creative drama method in different subjects of mathematics
8	Intermediate Exam	Midterm exam
9	Theoretical	Giving group project
10	Theoretical	Implementation and evaluation of projects
11	Theoretical	Giving individual projects
12	Theoretical	Implementation and evaluation of projects
13	Theoretical	Overall Assessment
14	Theoretical	Overall Assessment
15	Final Exam	Final Exam/final project

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	1. Understand the importance of creative drama.
2	2. Understand the importance of using creative drama method in teaching mathematics
3	3. Know the stages of creative drama
4	4. Know creative drama techniques.
5	5. Prepare mathematics lesson plan by the method of teaching creative drama and use it.
6	6. Use creative drama as a teaching method to use in mathematics education
7	7. Design workshop by creative drama

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