



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Towards Mathematics Exam							
Course Code		MV266		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	48 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Prepare students for DGS and KPSS exams							
Course Content		Math topics within DGS and KPSS							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Problem Solving					
Name of Lecturer(s)		Ins. Halil TEKATLI							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	DGS preparation books
2	KPSS preparation books

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts, Number Systems
	Preparation Work	DGS and KPSS publications
2	Theoretical	Divisibility, OBEB-Okek
	Preparation Work	DGS and KPSS publications
3	Theoretical	Rational Numbers, Sorting- Simple Inequalities
	Preparation Work	DGS and KPSS publications
4	Theoretical	Brave numbers-rooted numbers
	Preparation Work	DGS and KPSS publications
5	Theoretical	Split to Multipliers
	Preparation Work	DGS and KPSS publications
6	Theoretical	Ratio and Proportion
	Preparation Work	DGS and KPSS publications
7	Theoretical	Equation Solving
	Preparation Work	DGS and KPSS publications
8	Theoretical	Setting equation (problems)
	Preparation Work	DGS and KPSS publications
9	Preparation Work	DGS and KPSS publications
	Intermediate Exam	Midterm
10	Theoretical	Setting equation (problems)
	Preparation Work	DGS and KPSS publications
11	Theoretical	Digital Logic
	Preparation Work	DGS and KPSS publications
12	Theoretical	Digital Logic
	Preparation Work	DGS and KPSS publications
13	Theoretical	Triangle angles, length, area and Polygons
	Preparation Work	DGS and KPSS publications
14	Theoretical	Circle, circles, solids
	Preparation Work	DGS and KPSS publications
15	Preparation Work	DGS and KPSS publications



15	Final Exam	Term Exam
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**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	0.5	2	37.5
Midterm Examination	1	5	0.5	5.5
Final Examination	1	5	0.5	5.5
Total Workload (Hours)				48
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	Students had to make DGS and KPSS ready
2	Can perform mathematical calculations
3	Make logical inferences
4	Increasing mathematical practicality
5	Develop skills in understanding and solving the questions

**Programme Outcomes (Local Authorities)**

1	They can be informed in the filed of management and follow up improvements in Turkey and the world in the field of local government.
2	They have qualification of solving problems in the local level with following economic and social events up.
3	They will have basic theoretical knowledge to comment with following Turkeys' and The Worlds' current political problems up.
4	They will gain the ability of research independently and presenting in the field of Local Government with have basic information about research methods.
5	They will understand the relevant legal texts, interpret, and set up the relationship problems
6	They will informed about constitution, fundamental rights and freedom, civil service law, public law legislation and professional ethic.
7	They will use information technologies, documents management, archiving and reporting.

**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	5	4	4	5
P2	5	4	4	4	4
P3	4	4	4	5	4
P4	4	4	3	4	4
P5	4	3	3	4	3
P6	3	3	3	5	3
P7	5	2	2	4	2

