



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Hydrology							
Course Code		ÇS206		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To get to learn importance and structure of water and the effects on human and environmental health.							
Course Content		General features of water, classification, pollution and relation with health.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Şen, Zekai. 2002. Su Bilimi Temel Konuları. Su vakfı Yayınlar. 227 s.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Importance and features of water
	Preparation Work	Projection apparatus, supporter books, slate
2	Theoretical	Classification of water sources: downfalls and surface water
	Preparation Work	Projection apparatus, supporter books, slate
3	Theoretical	Formation of lakes, features and classes
	Preparation Work	Projection apparatus, supporter books, slate
4	Theoretical	Features of rivers, classification and kinds of erosion.
	Preparation Work	Projection apparatus, supporter books, slate
5	Theoretical	Collecting forms of rivers and rivers from Turkey
	Preparation Work	Projection apparatus, supporter books, slate
6	Theoretical	Subterraneous water sources
	Preparation Work	Projection apparatus, supporter books, slate
7	Theoretical	Fountains and healthy water sources
	Preparation Work	Projection apparatus, supporter books, slate
8	Intermediate Exam	Midterm
9	Theoretical	Features of drinkable and non-drinkable water: pH and microbiological features
	Preparation Work	Projection apparatus, supporter books, slate
10	Theoretical	Features of drinkable and non-drinkable water: toxic materials and materials which have negative effects on health
	Preparation Work	Projection apparatus, supporter books, slate
11	Theoretical	Features of drinkable and non-drinkable water: materials which affect on drinkability.
	Preparation Work	Projection apparatus, supporter books, slate
12	Theoretical	Any problems on drinkable and non-drinkable water sources and probable reasons
	Preparation Work	Projection apparatus, supporter books, slate
13	Theoretical	Sterilization of drinkable and non-drinkable water
	Preparation Work	Projection apparatus, supporter books, slate
14	Theoretical	Main types of water pollution
	Preparation Work	Projection apparatus, supporter books, slate
15	Theoretical	Diseases which are contaminated by water.
	Preparation Work	Projection apparatus, supporter books, slate



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	14	1	1	28
Midterm Examination	1	8	1	9
Final Examination	1	9	1	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. To get to know water and general features of water.
2	2. To get to know natural water sources and effects on profession.
3	3. To realise importance of water.
4	4. To get to have ideas about water on international platform.

