



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Water Supply And Transmission							
Course Code		İNA211		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		With this course, the student will be able to determine appropriate water resources in the surrounding area and make necessary studies to make them available							
Course Content		It will be able to identify available water resources in the environment. He will be able to study water resources. It will be able to control the collection and compilation of water resources. They will be able to control the use of water resources from the source to the point of use							
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)		Ins. Hasan BARIŞIK							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Karpuzcu, M., Water Supply and Environmental Health, Kubbealti Publications, 2005
2	Muslu, M., Water Problems and Environmental Health with Resolved Problems, Su Vakfi Publications, 2005.
3	Erdemgil, N., Water Fetching, Bilim Publications, 1995

Week	Weekly Detailed Course Contents	
1	Theoretical	Drinking Waters
2	Theoretical	Drinking Waters
3	Theoretical	Irrigation Water
4	Theoretical	Water in Power Generation
5	Theoretical	Water Needy
6	Theoretical	Water Resource Debtor
7	Theoretical	Surface Waters
8	Theoretical	Surface Waters
9	Intermediate Exam	Midterm
10	Theoretical	Groundwater
11	Theoretical	Groundwater
12	Theoretical	Attractive Transmission
13	Theoretical	Attractive Transmission
14	Theoretical	Tapered Transmission
16	Theoretical	Tapered Transmission

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Assignment	2	0	5	10
Project	2	0	5	10
Laboratory	1	0	10	10
Reading	2	0	1	2
Midterm Examination	1	5	1	6



Final Examination	1	5	1	6
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Will be able to identify available water resources in the surrounding area
2	Will be able to conduct survey studies of detected water resources
3	The study will be able to control the collection and operation of the water resources
4	They will be able to control the use of water resources from the source to the point of use
5	Tapered Transmission
6	Attractive Transmission

### Programme Outcomes (Construction Technology)

1	Being able to have professional knowledge and skills as a result of being supported by the application on vocational qualifications gained in secondary education
2	To choose and use building materials
3	Building installations can be done
4	Applying concrete technology
5	Construction of roads
6	To be able to make professional computer applications
7	Technical drawings
8	Making professional drawing
9	Bidding and contracting
10	To be able to organize the site
11	Control and documentation of manufacturing
12	Can make application of building repair and strengthening works
13	To be able to determine soil types and make soil tests
14	Can control water supply and transmission activities
15	Making waste treatment facilities for polluting resources
16	Projecting of construction elements
17	Being able to make a professional project
18	Make land measurements
19	To be able to make professional practices

### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4
P1	5	5	5	
P3	5	5	5	
P10	5	5	5	
P14	5	5	5	5
P15	5	5	5	5

