# AYDIN ADNAN MENDERES UNIVERSITY
# COURSE INFORMATION FORM

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|---|---|---|---|---|---|---|---|---|---|
| Course Title | Waste Water | | | | | | | | |
| Course Code | İNA253 | | Couse Level | Short Cycle (Associate's Degree) | | | | | |
| ECTS Credit | 2 | Workload | 50 *(Hours)* | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | This course aims to improve students, environmental awareness, to investigate the causes of pollution, to dispose of wastewater, to store and to make treatment facilities. | | | | | | | | |
| Course Content | Determination of environmental pollution prevention activities, Having waste water removal and treatment facilities | | | | | | | | |
| Work Placement | N/A | | | | | | | | |
| Planned Learning Activities and Teaching Methods | Explanation (Presentation), Demonstration, Discussion, Case 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** | |
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| 1 | Teaching staff lecture notes |
| 2 | Wastewater from the water base Doç.Dr.Mehmet KARPUZCU |

| Week | Weekly Detailed Course Contents | |
|---|---|---|
| 1 | Theoretical | -Identify the sources that pollute the environment. |
| 2 | Theoretical | -Identify the sources that pollute the environment. |
| 3 | Theoretical | -Identify the sources that pollute the environment. |
| 4 | Theoretical | -Identify the sources that pollute the environment. |
| 5 | Theoretical | -Identify the sources that pollute the environment. |
| 6 | Theoretical | -Identify the sources that pollute the environment. |
| 7 | Theoretical | -To make environmental awareness in society |
| 8 | Theoretical | -To make environmental awareness in society |
| 9 | Intermediate Exam | -Midterm |
| 10 | Theoretical | -Making Waste Water Disposal |
| 11 | Theoretical | -Making Waste Water Disposal |
| 12 | Theoretical | -Making Waste Water Disposal |
| 13 | Theoretical | -Making Storage and Treatment Plant |
| 14 | Theoretical | -Making Storage and Treatment Plant |
| 15 | Theoretical | -Making Storage and Treatment Plant |
| 16 | Final Exam | -Semester final exam |

| **Workload Calculation** | | | | |
|---|---|---|---|---|
| Activity | Quantity | Preparation | Duration | Total Workload |
| Lecture - Theory | 14 | 0 | 2 | 28 |
| Seminar | 1 | 0 | 12 | 12 |
| Term Project | 1 | 0 | 10 | 10 |
| | | | Total Workload (Hours) | 50 |
| | | | [Total Workload (Hours) / 25*] = **ECTS** | 2 |
| **25 hour workload is accepted as 1 ECTS* | | | | |

| **Learning Outcomes** | |
|---|---|
| 1 | 1-To determine pollution prevention activities |

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|---|---|
| 2 | To have wastewater removal and treatment facilities |
| 3 | -Identify the sources that pollute the environment. |
| 4 | To make environmental awareness in society |
| 5 | -Making Storage and Treatment Plant |

| **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 |
|---|---|
| P1 | 3 |
| P7 | 3 |
| P8 | 3 |
| P19 | 4 |