



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|  |   |   |            |                            |   |                                  |   |            |   |
|--|---|---|------------|----------------------------|---|----------------------------------|---|------------|---|
| Course Title                                     |   | Environmental Protection  |            |                            |   |                                  |   |            |   |
| Course Code                                      |   | ÇS302   |            | Couse Level                |   | Short Cycle (Associate's Degree) |   |            |   |
| ECTS Credit                                      | 3 | Workload  | 75 (Hours) | Theory                     | 2 | Practice                         | 0 | Laboratory | 0 |
| Objectives of the Course                         |   | To gainthe Knowledge And Skills And Rules Related With The Environmental And Human Health Protection  |            |                            |   |                                  |   |            |   |
| Course Content                                   |   | ComplyWithThe Rules Of The Environment And Human HealthProtection; Environmental Information Regulation, Risk Analysis, Waste Storage, PersonalProtectionPrecautions, The International HealthAndSafety Alerts, HealthAndSafetyRegulation |            |                            |   |                                  |   |            |   |
| Work Placement                                   |   | N/A   |            |                            |   |                                  |   |            |   |
| Planned Learning Activities and Teaching Methods |   |   |            | Explanation (Presentation) |   |                                  |   |            |   |
| Name of Lecturer(s)                              |   | Ins. Hayriye Nurcan SÖBÜTAY   |            |                            |   |                                  |   |            |   |

### Assessment Methods and Criteria

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

### Recommended or Required Reading

|   |                                       |
|---|---------------------------------------|
| 1 | Çevre Koruma - Doç. Dr. Hüseyin Erkul |
|---|---------------------------------------|

| Week | Weekly Detailed Course Contents |  |
|------|---------------------------------|--|
| 1    | Theoretical                     | What is environment                      |
| 2    | Theoretical                     | Environmental pollution and its effects  |
| 3    | Theoretical                     | Environmental problems                   |
| 4    | Theoretical                     | Environmental Regulations Information    |
| 5    | Theoretical                     | Environmental Regulations Information    |
| 6    | Theoretical                     | Risk Analysis                            |
| 7    | Theoretical                     | Risk Analysis                            |
| 8    | Theoretical                     | Midterm                                  |
| 9    | Theoretical                     | Waste Storage                            |
| 10   | Theoretical                     | Waste Storage                            |
| 11   | Theoretical                     | Personal Protection Precautions          |
| 12   | Theoretical                     | Personal Protection Precautions          |
| 13   | Theoretical                     | Personal Protection Precautions          |
| 14   | Theoretical                     | International Health And Security Alerts |
| 15   | Theoretical                     | International Health And Security Alerts |

### Workload Calculation

| Activity                              | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory                      | 14       | 2           | 2        | 56             |
| Term Project                          | 1        | 2           | 6        | 8              |
| Midterm Examination                   | 1        | 3           | 1        | 4              |
| Final Examination                     | 1        | 6           | 1        | 7              |
| Total Workload (Hours)                |          |             |          | 75             |
| [Total Workload (Hours) / 25*] = ECTS |          |             |          | 3              |

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

|   |   |
|---|---|
| 1 | To have knowledge about environment and its problems        |
| 2 | It leaves a more healthy environment for future generations |



|   |   |
|---|---|
| 3 | It would be more sensitive to environment         |
| 4 | Recycling economy and the contribution of around. |
| 5 | Protection of natural resources.                  |

#### Programme Outcomes (Dialysis)

|    |  |
|----|--|
| 1  | To be able to comprehend the duties and responsibility of dialysis technicians. To be able to work in a team with members of other health professions.   |
| 2  | To be able to acquire a general knowledge of human anatomy, physiology and biochemistry  |
| 3  | To be able to gain knowledge of blood-borne infectious diseases, especially infectious diseases such as hepatitis and universal prevention methods   |
| 4  | To be able to have knowledge of blood-borne infectious diseases, especially infectious diseases such as hepatitis and universal prevention methods   |
| 5  | To be able to recognize hemodialysis machine, and have knowledge and skills will be used it during operation of dialysis   |
| 6  | To be able to have the knowledge of application on peritoneal dialysis and skills be able to train patient on this.  |
| 7  | To be able to acquire dialysate characteristics, have necessary skills on preparation and application  |
| 8  | To be able to gain the knowledge and skills on the basic principles of water treatment, application methods, and control of purified water as a level of practitioner  |
| 9  | To be able to comprehend the principles of patient care, complications during dialysis operation what patients may be encounter and perform necessary knowledge and skills to take necessary measures to protect patient from these complications.                                     |
| 10 | To be able to gain knowledge and equipment related to educating on problems that the long-term dialysis patients may have.   |
| 11 | To be able to understand periodic examinations during the follow up dialysis patients and recognize pathologies in the early period, and have the knowledge and skills to take necessary precautions in time   |
| 12 | To be able to have the knowledge of the dialysis patients, physiological, social and psychological problems, and perform necessary support skills on these issues for the patient  |
| 13 | In general to be able to comprehend the knowledge of, drugs, dosage, side effects, and toxic effects, routes of administration of drugs and drug use in patients with chronic renal failure  |
| 14 | To be able to acquire a high level knowledge of fluid and electrolyte problems with general issues nephrology, acid-base balance disorder, nephrology and urology kidney disease, chronic and acute renal failure.   |
| 15 | To be able to comprehend the methods of diagnosis and treatment of diseases of the system, and have knowledge of fighting and protecting from especially problems that can be seen in dialysis patients as level of practitioner and getting patient compliance.                       |
| 16 | To be able to have knowledge of statistics and research methods as a level of following the developments, monitoring and interpreting scientific publications.   |
| 17 | To be able to gain the knowledge of foreign language as a level of communicating and following developments.   |
| 18 | To be able to be willing to self-improvement as an individual committed to the principles and reforms of Atatürk and keeping on the some of the rules of social life, customs and traditions, depending on the interests of the country on their own interests as a member of society, |

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

|     | L1 | L2 | L3 | L4 | L5 |
|-----|----|----|----|----|----|
| P16 | 5  | 5  | 5  | 5  | 5  |

