



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|--|------------|---|---|----------------------------------|---|------------|---|
| Course Title | | Environmental Health and Epidemic Diseases in Disasters | | | | | | | |
| Course Code | | ÖGK210 | | Course Level | | Short Cycle (Associate's Degree) | | | |
| ECTS Credit | 2 | Workload | 50 (Hours) | Theory | 1 | Practice | 1 | Laboratory | 0 |
| Objectives of the Course | | To learn the concepts of infectious diseases and the ways of transmission, general characteristics of infectious agents, the importance of epidemic and infectious diseases that may occur in disaster-emergencies and the ways of protection. | | | | | | | |
| Course Content | | The concept of infectious diseases, disaster and infection, characteristics of disaster variables, learning and protection of airborne diseases, water and foodborne diseases, skinborne diseases, treatment and prevention methods, diseases transmitted by parasites, treatment and prevention methods, disinfection, sterilization applications, determination of environmental health programs in the world, environmental health programs for disasters, environmental health management in disasters | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving | | | | | |
| Name of Lecturer(s) | | Ins. Figen ŞAHİN | | | | | | | |

Assessment Methods and Criteria

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

Recommended or Required Reading

| | |
|---|---|
| 1 | Dizer, U., M.Eryılmaz (2007). Disaster Medicine, Ünsal Publications, Ankara. |
| 2 | MINISTRY OF HEALTH. General Directorate of Primary Health Care. Date: 20.08.1999. Number: 4379. Lu circular |
| 3 | Doğal afetler ve olağanüstü durumlarda görülen infeksiyon hastalıkları. R.Uçku |

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|---|
| 1 | Theoretical | Infectious diseases concept |
| 2 | Theoretical | Disaster and infection |
| 3 | Theoretical | Characteristics of variables in disaster |
| 4 | Theoretical | Learning of airborne diseases and ways of prevention. |
| 5 | Theoretical | Water and foodborne diseases and ways of protection |
| 6 | Theoretical | Skin-borne diseases, treatment and prevention methods |
| 7 | Theoretical | Vector transmitted diseases, treatment and prevention methods. |
| 8 | Theoretical | Diseases transmitted by parasites, treatment and prevention methods. |
| 9 | Intermediate Exam | Midterm |
| 10 | Theoretical | Disinfection, sterilization applications |
| 11 | Theoretical | Determination of Environmental and Disaster Environmental Programs in the World |
| 12 | Theoretical | Environmental Health Management in Disasters, |
| 13 | Theoretical | measures to control the outbreak |
| 14 | Theoretical | measures to control the outbreak |
| 15 | Theoretical | measures to control the outbreak |
| 16 | Final Exam | Final examination |



Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|--|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 1 | 14 |
| Lecture - Practice | 14 | 0 | 1 | 14 |
| Midterm Examination | 1 | 9 | 1 | 10 |
| Final Examination | 1 | 11 | 1 | 12 |
| Total Workload (Hours) | | | | 50 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 2 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

| | |
|---|---|
| 1 | Learn the concepts of infectious diseases and the ways of transmission of diseases. |
| 2 | Know and apply the measures to be taken against epidemics in case of disaster. |
| 3 | Knows the general characteristics of infectious agents and learns the treatment methods. |
| 4 | Knows the ways of transmission of diseases and learns to prevent possible epidemic diseases in case of emergency. |
| 5 | Knows Environmental Health Management in Disasters |

Programme Outcomes (Computer Programming)

| | |
|----|---|
| 1 | Having knowledge and skills in web project preparation and publishing |
| 2 | Having the knowledge and skills necessary for proper use management of database applications |
| 3 | Having knowledge and skills for software development, testing and installation |
| 4 | Be able to use the hardware necessary for computer programming and solve the basic problems they have with hardware |
| 5 | To be able to use information and communication technologies at the level required by computer programming |
| 6 | To be able to produce solutions to problems encountered in the field |
| 7 | Having the competencies to make job planning in the profession |
| 8 | Communicating with colleagues and clients based on knowledge and skills |
| 9 | Be able to take responsibility as an individual or as a team member and to fulfill the responsibility |
| 10 | To be able to express written and oral expressions related to the study topic |
| 11 | Be able to adapt the winning information to new situations |

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 | 1 | 1 | 1 | 1 | 1 |
| P2 | 1 | 1 | 1 | 1 | 1 |
| P3 | 1 | 1 | 1 | 1 | 1 |
| P4 | 1 | 1 | 1 | 1 | 1 |
| P5 | 1 | 1 | 1 | 1 | 1 |
| P6 | 1 | 1 | 1 | 1 | 1 |
| P7 | 1 | 1 | 1 | 1 | 1 |
| P8 | 1 | 1 | 1 | 1 | 1 |
| P9 | 1 | 1 | 1 | 1 | 1 |
| P10 | 1 | 1 | 1 | 1 | 1 |
| P11 | 1 | 1 | 1 | | 1 |

