



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Occupational Diseases							
Course Code		TL803		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To get knowledge and ability about definition of occupational disease and types, assessment and control of workplace hazards, occupational health and safety Chemical,biological and physical physical health hazards, safety management systems, environmental health risk assessment & management, critical appraisal of occupational health & safety information, legislation of occupational health and status of occupational health in Turkey and in the world.							
Course Content		Definition of occupational health; Types of occupational health; Chemical, biological and physical health hazards; Occupational respiratory diseases; Environmental health risk assessment & management; Diagnosis of occupatioanl health; Critical appraisal of occupational health & safety information; Therapy methods in occupational diseases; Status of occupational health in Turkey and in the world; Legislation of occupational.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)		Ins. Aslı ÇANAKÇI							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Bilir, N., Yıldız, A.N. 2004, İş Sağlığı ve Güvenliği, Hacettepe Üniversitesi Yayınları, Ankara
2	Güler, Ç., Akın, L. Halk Sağlığı Temel Bilgiler. 2006, Hacettepe Üniversitesi Yayınları, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition of occupational health
2	Theoretical	Types of occupational health
3	Theoretical	Chemical health hazards
4	Theoretical	Biological health hazards
5	Theoretical	Physical health hazards
6	Theoretical	Occupational respiratory diseases
7	Theoretical	Occupational respiratory diseases
8	Intermediate Exam	Midterm Exam
9	Theoretical	Environmental health risk assessment & management
10	Theoretical	Diagnosis of occupational health
11	Theoretical	Critical appraisal of occupational health & safety information
12	Theoretical	Therapy methods in occupational diseases
13	Theoretical	Status of occupational health in Turkey and in the world.
14	Theoretical	Legislation of occupational
15	Theoretical	Legislation of occupational

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	5	3	1	20
Seminar	4	4	1	20
Midterm Examination	1	2	2	4



Final Examination	1	2	2	4
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Describe status of occupational health in Turkey and in the world.
2	Explain critical appraisal of occupational health & safety information
3	Explain occupational respiratory diseases.
4	Describe chemical, biological and physical physical health hazards.
5	To get knowledge and ability about definition of occupational disease and types, assessment and control of workplace hazards, occupational health and safety.

### Programme Outcomes (Medical Laboratory Techniques)

1	To be able to have sufficient back ground in medical laboratory techniques and medical laboratory branches (biochemistry, microbiology, parasitology, sitogenetik etc.); the ability to use theoretical and practical knowledge in these fields.
2	To be able to have the basic theoretical and practical knowledge and other resources have been supported applications and tools based on secondary-level qualifications gained in the field of Medical Laboratory Techniques Program to-date text books containing formations
3	To be able to have basic knowledge about structure and function of systems in human, to analyse these data on tissue, cell and diseases.
4	To be able to analyse the medical samples necessary for physicians by using tools, equipment and techniques at the diagnostic and the therapeutic laboratories of health agencies and evaluate the data.
5	To be able to use the medical laboratory tools and equipments according to rules and techniques, and make controls and maintenance of them
6	To be able to perform basic tests of related different medical laboratories, prepare solutions.
7	To be able to perform proper sample collection and transport procedures for the medical laboratory tests from the patient.
8	To be able to perform preanalytical sample preparation procedure, prepare inspection preparations, perform disinfection and sterilization
9	To be able to interpret and evaluate data, define and analyze problems, develop solutions based on research and proofs by using acquired basic knowledge and skills with in the field.
10	To be able to have knowledge about work organization and carry out related practice in medical laboratories
11	To be able to carry out laboratory safety protocols, take individual safety precaution and create safe laboratory environment.
12	To be able to gain the ability to apply by viewing and evaluating the processes related to his/her fields in public and private sector.
13	To be able to gain the awareness of the necessity of life long learning, ability to follow developments in science and technology and self-renewal.
14	To be able to help laboratory experts and medical scientists for their researches
15	To be able to be aware of individual and public health, environmental protection and job security issues, understanding the basic level of the relationship.
16	To be able to grasp principles of Atatürk and their evolutions, to ensure national, ethical, spiritual and cultural values, to adopt to universal and contemporary developments
17	To be able to communicate efficiently for medical service and speak Turkish efficiently.
18	To be able to communicate in English at basic level, utilize foreign language on occupational practice
19	To have the appropriate knowledge of medical sciences at the level of interest, to use specific medical terms and terminology of field

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

	L1	L2	L3	L4	L5
P13	5	5	5	5	5
P15	5	5	5	5	5

