



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 (Physiotherapy)

1	To be able to recall the information of research methods and statistics so as to follow the developments, monitor and interpret scientific literature
2	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of physical therapy
3	To be able to recall knowledge of the general structure and properties of musculoskeletal system and the joints and to evaluate the story of musculoskeletal diseases.
4	To be able to comprehend the methods of measurement of the range of motion of joints and to measure it.
5	To be able to implement a general evaluation of posture analysis and gait analysis.
6	To be able to recall the knowledge about general characteristics of musculoskeletal diseases, osteoporosis, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, especially rheumatic diseases, mechanical low back and neck pain, disc herniation, soft tissue disorders and to apply appropriate physiotherapy.
7	To be able to recall the knowledge and gain skills about the devices and the agents of heater used in physical therapy, indications and contraindications of using, and the necessary information about how to apply on patients.
8	To be able to recall the knowledge of the electromagnetic field.
9	To be able to recall what Elektroakapunktur, Laser, Biofeedback, cervical and lumbar traction systems, pneumatic compression therapy are, and how to apply them, which one is applicable to patients.
10	To be able to recall what manipulation-mobilization is and which patients are suitable for this application.
11	To be able to recall what massage and hydrotherapy treatments are and which patients are suitable for these applications.
12	To be able to gain the professional and ethical awareness, apply gained knowledge and skills in real life situations and transfer gained knowledge to individuals around her/his environment, and improve behavior of life-long learning.
13	To gain knowledge about methods of diagnosis, protection and treatment of diseases
14	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to neurological disorders.
15	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to cardiopulmonary disorders.
16	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to pediatric patients.
17	To be able to gain knowledge about the effects of fitness and exercise on metabolism and responses of body systems to them.
18	To have knowledge about rehabilitation services
19	To become individuals who can do interdisciplinary team work, with a sense of social responsibility and entrepreneur.
20	To be able to recall the knowledge about Atatürk's Principles and the History of Turkish Revolution.
21	To be able to gain the knowledge and ability to become contemporary individuals who can use Turkish language grammar well and know a foreign language knowledge necessary to follow the developments in the profession.

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	3	3	3	3	3

