



AYDIN ADNAN MENDERES UNIVERSITY
AYDIN VOCATIONAL SCHOOL OF HEALTH SERVICES
MEDICAL SERVICES AND TECHNIQUES
MEDICAL LABORATORY TECHNIQUES
COURSE INFORMATION FORM

Course Title	Occupational Health and Safety in Health Sector								
Course Code	İSG106			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Measures to be taken by healthcare professionals against risks and dangers in this sector and related legislation will be explained.								
Course Content	Risks and precautions to be taken in the health sector, OHS management systems, good OHS practices in the health sector, relevant laws and regulations will be covered in the course.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Case Study, Individual Study								
Name of Lecturer(s)	Ins. Nadir Savaş ÖTER, Ins. Nergiz YÜKSEL								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Occupational Health and Safety Law No. 6331
2	Related laws and regulations
3	Lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction of the course, general rules of OHS and safety culture
2	Theoretical	Occupational health and safety law and other related laws and regulations
3	Theoretical	Analysis of the causes of occupational accidents and diseases
4	Theoretical	Education Methods and Their Importance in Occupational Health and Safety, educations to be given
5	Theoretical	Risk factors and measures to be taken in the health sector
6	Theoretical	Risk factors and measures to be taken in the health sector
7	Theoretical	Risk factors and measures to be taken in the health sector
8	Intermediate Exam	Midterm exam
9	Theoretical	The concept of risk assessment and risk assessment methods
10	Theoretical	The concept of risk assessment and risk assessment methods
11	Theoretical	OHS Management Systems
12	Theoretical	OHS Management Systems
13	Theoretical	Occupational safety practices and examples in health sector
14	Theoretical	Occupational safety practices and examples in health sector
15	Theoretical	Occupational safety practices and examples in health sector
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	3	1	4
Final Examination	1	3	1	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Analyze the current situation and need of the health sector in terms of Occupational Health and Safety.
2	To be able to explain the impact of occupational safety on productivity and generativity.
3	To be able to define and explain the basic principles, concepts and approaches of occupational health and safety management systems
4	To be able to suggest solutions in the direction of the needs analysis of health sector in scope of Occupational Health and Safety
5	Determine the measures to be taken in terms of Occupational Health and Safety in the health sector and suggest solutions.

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, sitogenetiketc.);the ability to use theoretical and practical knowledge in these fields.
2	To be able to have the basic theoretical and practical knowledgeand 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 boks 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 rapeutic laboratories of health agencies and evaluate the data.
5	To be able to use the medical laboratoy tools and equipments according to rules and technics, 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, under standing the basic level of the relationship.
16	To be able to grasp principles of Atatürk and there volutions, to ensurenational, 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

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

	L1	L2	L3	L4	L5
P9	4	4	4	4	4
P10	4	4	4	4	4
P11	5	5	5	5	5

