



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

Course Title	Access to Information Tools								
Course Code	TS306			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Use of office equipment is gained. Gains the ability to use internet and internet databases search engines. Gain skills and experience about technology and its use. Database and search engines are gained through the use of crawling and information transportation systems.								
Course Content	Sources of information arising from technological developments. (Wiki, Blog, Social networks) Types and history of information centers. Databases, Web, Search engines.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)	Bekir KÖSEDAĞ								

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Ders kitapları ve diğer kaynaklar
---	-----------------------------------

Week	Weekly Detailed Course Contents	
1	Theoretical	Technology and information systems
2	Theoretical	What is Internet ? Internet search engines and accessing information through them
3	Theoretical	Hospital information systems
4	Theoretical	Computer and its hardware
5	Theoretical	Keyboard usage
6	Theoretical	Letters in keyboard
7	Theoretical	Keyboard shortcuts
8	Theoretical	Keyboard shortcuts
9	Theoretical	Error-free five-minute prose studies of Examination
10	Theoretical	Studies of error-free writing – prose studies
11	Theoretical	Standart letters – block letters – average letters
12	Theoretical	Database examples
13	Theoretical	Usage of databases
14	Theoretical	Databases in turkey and around the world

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	1	1	2
Final Examination	1	1	1	2
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = ECTS	3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to use communication techniques, rules and forms of correspondence with the help of up-to-date technology
---	--



2	To be able to submit the data collected in health care institutions and analyze them using scientific and bio-statistic techniques. And also to be able to calculate and interpret basic rates data used in health care institutions, which give first step service and bed service.
3	To be able to archive the records, documents and forms in health care institutions by using up-to-date techniques
4	To be able to follow the information sources arising from technological developments.
5	Information services, Information access policies and Using information access models.

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 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 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, 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

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

	L1	L2	L3
P13	5	5	5

