



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

Course Title	A History Of The World								
Course Code	ÇS002	Course Level			Short Cycle (Associate's Degree)				
ECTS Credit	2	Workload	56 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	To have knowledge about the origin of life and the world, learn the geological periods.								
Course Content	Bing-Bang theory, formation of the solar system's, Earth, atmosphere, the emergence of life, eukaryotes, transition from water to land, diversification of plants and animals, geological periods, the emergence of primates and Homo sapiens.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Demirsoy, A. 1999. Yaşamın Temel Kuralları, Cilt I, Kısım I, Üçüncü Baskı, Meteksan A.Ş., Ankara, 770 s.
2	Feeman, S. and Herron, J.C. 2009. Evrimsel Analiz, Dördüncü baskıdan çeviri, Palme yayıncılık, Ankara, 838 s.

Week	Weekly Detailed Course Contents	
1	Theoretical	Bing-Bang theory and formation of the solar system's
2	Theoretical	Formation of the world
3	Theoretical	The formation of the atmosphere: without oxygen
4	Theoretical	The formation of the atmosphere: with oxygen
5	Theoretical	Emergence of life
6	Theoretical	Emergence of eukaryotes and their diversification
7	Theoretical	Emergence of eukaryotes and their diversification Transition from water to land
8	Theoretical	Midterm Exam
9	Theoretical	Diversification of plants
10	Theoretical	Diversification of animals
11	Theoretical	Geologic periods: The Paleozoic Era
12	Theoretical	The Mesozoic Era
13	Theoretical	Cenozoic time
14	Theoretical	Emergence of primates
15	Theoretical	Emergence of Homo sapiens

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Individual Work	10	0	2	20
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				56
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				



**Learning Outcomes**

1	To learn the formation of the solar system and the world.
2	To learn the formation of the atmosphere.
3	To learn The emergence and diversification of life.
4	To learn geological periods.
5	Learn the emergence of primates and human

**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 volution, 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
P2	2	2	2	2
P13	4	4	4	4
P15	3	3	3	3
P17	3	3	3	3
P18	3	3	3	3

