

Dentistry (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	DENT209		
Course Name:	Histology - Embryology 2		
Semester:	Fall		
Course Credits:	<div>ECTS</div> <div>3</div>		
Language of instruction:	English		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Compulsory Courses		
Course Level:	<div>Bachelor</div> <div>TR-NQF-HE:6. Master`s Degree</div> <div>QF-EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree</div>		
Mode of Delivery:	Face to face		
Course Coordinator:	Dr. Öğr. Üy. AYŞE KÖYLÜ		
Course Lecturer(s):	Dr Ayşe Köylü		
Course Assistants:			

Course Objective and Content

Course Objectives:	To teach dentistry students about histology and embryology of the Cardiovascular system, Lymphatic system, Digestive System and digestive glands, Respiratory system, Endocrine system, Urinary system, Female and Male Genital System
Course Content:	Cardiovascular system, Lymphatic system, Digestive System and digestive glands, Respiratory system, Endocrine system, Urinary system, Genital System, Histology and embryology,

Learning Outcomes

The students who have succeeded in this course;

- 1) Learns the cells, tissues of the cardiovascular system and their functional relationship with each other.
- 2) Learns the cells, tissues that form the lymphatic system and their functional relationship with each other.
- 3) Learns the histology of skin, hair and nails
- 4) Learns the cells, tissues of the digestive system and digestive glands and their functional relationship with each other.
- 5) Learns the Respiratory system cells, tissues and their functional relationship with each other
- 6) Learns the cells, tissues of the endocrine system and their functional relationship with each other.
- 7) Learns the cells, tissues of the urinary system and their functional relationship with each other.
- 8) Learns the cells, tissues of the Female and Male Genital System and their functional relationship with each other.
- 9) Learns the cells that make up the eye and ear and their organization related to their functions.

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to System Histology and Embryology	-
2)	Histology and Embryology of the Respiratory System	-
3)	Histology and Embryology of the Cardiovascular system	-
4)	Histology and Embryology of the lymphatic system	-
5)	Craniofacial growth	-
6)	Development of pharyngeal apparatus	-
7)	Development of oral cavity and teeth	-
8)	Midterm exam	
9)	Histology and Embryology of the upper part of the digestive system	-
10)	Histology and Embryology of the lower part of the digestive system	-
11)	Urinary System Histology and Embryology	-
12)	Genital System Histology and Embryology	-
13)	Endocrine System Histology and Embryology	-
14)	Nervous System Histology and Embryology	-

9) By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.	1	2	3	4	5	6	7	8	9
10) During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.									
11) Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.									
12) In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society									
13) Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.									
14) Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.									
15) Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.									

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.	2
2)	Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.	

3)	Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.	2
4)	Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.	2
5)	Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.	
6)	Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.	
7)	Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.	
8)	Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.	
9)	By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.	
10)	During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.	
11)	Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.	
12)	In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society	
13)	Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.	
14)	Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.	
15)	Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.	

Assessment & Grading

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Semester Requirements	Number of Activities	Level of Contribution
Midterms	1	% 40
Final	1	% 60
total		% 100
PERCENTAGE OF SEMESTER WORK		% 40
PERCENTAGE OF FINAL WORK		% 60
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	28	1	1		56
Laboratory	14	1	1		28
Midterms	1	8	1		9
Final	1	10	1		11
Total Workload					104