



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Histological Properties of Primary and Permanent Teeth Enamel, Dentine, Cementum and Pulp:							
Course Code		PED602		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The purpose of this course is giving information about the histological structures of hard and soft tissues forming milk and permanent teeth							
Course Content		Normal histological structure of hard and soft tissue forming deciduous and permanent teeth, histology of the periapical zone, the differences between deciduous and permanent teeth will be explained.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)		Assoc. Prof. Sultan KELEŞ							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Pinkham JR, Casamassimo PS, McTigue DJ, Fields HW, Nowak AJ. 2005, Pediatric Dentistry: Infancy Through Adolescence.
---	--

Week	Weekly Detailed Course Contents	
1	Theoretical	Hard tissues forming tooth
2	Theoretical	Histological development of dental hard tissues
3	Theoretical	Histology of enamel I
4	Theoretical	Histology of enamel II
5	Theoretical	Histology of dentine I
6	Theoretical	Histology of dentine II
7	Theoretical	Histology of cementum
8	Theoretical	Soft tissues forming tooth
9	Theoretical	Histological development of dental soft tissues
10	Theoretical	Histology of pulp I
11	Theoretical	Pulpa histolojisi II
12	Theoretical	Histology of periapical region I
13	Theoretical	Periodontal dokuların histolojisi II
14	Theoretical	Differences between deciduous and permanent tooth histology
15	Intermediate Exam	Mid-term

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	3	5	15	60
Individual Work	4	5	10	60
Midterm Examination	1	14	1	15
Final Examination	1	14	1	15
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Understanding the histology of hard and soft tissues forming deciduous and permanent teeth
2	Understanding periapical region histology
3	Understanding the differences between deciduous and permanent teeth



4	To describe the treatment modifications related to these differences
5	Apply the knowledge of morphology and histology in clinical procedures for children

**Programme Outcomes (Pediatric Dentistry Doctorate)**

1	Must be able to diagnosis and treatment plan in child patient
2	Must know the preventive dentistry treatments.
3	Must be able to restorative treatments in pediatric patient
4	Must be able to know how to apply space maintenances and their fabrication and their effects.
5	Must be able to clinical approach for dental trauma
6	Must be able to manage the dental treatment of handicapped and uncooperative child patient iunder dental sedation and general anesthesia
7	Must be aware of the new treatment techniques and improvements in pedodontics.

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

	L1	L5
P1	5	
P2	3	
P7		5

