



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Basic Principles in Restoration of the Anterior and Posterior Primary Teeth and the Materials Used							
Course Code		PED641		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Learning the basic principles of restorations in anterior and posterior teeth and restorative materials used in pediatric dentistry are almost identical to materials used in general restorative dentistry. In this section, it is aimed to define the materials frequently used in child dentistry and to provide specific information about their use. There are many materials available and in most cases the appropriate material is chosen according to the clinical situation.							
Course Content		Basic principles in restoration of anterior and posterior primary teeth, different materials used in primary teeth which have excessive material loss due to caries and traumatic injuries and treatment techniques will be explained. Restorative materials used in pediatric dentistry; Teaching bases and liners, cavity lacquers, dentin bonding agents, restorative materials and cements.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	1- Pinkham JR, Casamassimo PS, McTigue DJ, Fields HW, Nowak AJ. 2005, Pediatric Dentistry: Infancy Through Adolescence.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Basic principles of restorations in anterior and posterior teeth I
2	Theoretical	Basic principles of restorations in anterior and posterior teeth II
3	Theoretical	Restoration of extreme loss of primary teeth caused by caries or traumatic injuries
4	Theoretical	Base and liners
5	Theoretical	Cavity polishes
6	Theoretical	Dentin bonding agents
7	Theoretical	Restorative materials
8	Theoretical	Amalgam
9	Theoretical	Rezin based composite I
10	Theoretical	Rezin based composite II
11	Theoretical	Glass ionomers
12	Theoretical	Compomer
13	Theoretical	Cements I
14	Theoretical	Cements II

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Individual Work	10	2	1	30
Midterm Examination	1	6	1	7
Final Examination	1	6	1	7
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

\*25 hour workload is accepted as 1 ECTS



**Learning Outcomes**

1	To be able to define the materials used frequently in child dentistry
2	To learn specific information about the use of materials
3	To learn basic principles of restorations in posterior primary teeth
4	To learn basic principles of restorations in anterior primary teeth
5	To recognize alternative restorative materials that can be applied in different cases

**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	L2	L3	L4	L5
P3	3	3	3	3	3
P7	3				3

