



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Physical and Psychological Growth and Development of Craniofacial in Children							
Course Code		PED633		Couese Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	150 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		At the end of this course students; Will be able to benefit from the principles of development and learning theories in their planning, implementation and evaluation activities in their fields effectively.							
Course Content		Physical development of children from birth and development of the mandible and maxilla, skull and facial development with primary and permanant tooth location and psychological development of children along with age will be explained.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion					
Name of Lecturer(s)		Prof. Ahmet ANIK							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Pediatric Dentistry: Infancy through Adolescence 6th Edition by Arthur Nowak DMD (Editor), John R. Christensen (Editor), Tad R. Mabry (Editor), Janice Alisa Townsend (Editor), Martha H. Wells (Editor)
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Week	Weekly Detailed Course Contents	
1	Theoretical	Concepts of physical growth and development; What is the growth? What is the development?
2	Theoretical	What are the factors that affect growth? What is the growth rhythm? What is the growth pattern?
3	Theoretical	What are the differences between growth and development-1
4	Theoretical	What are the differences between growth and development-2
5	Theoretical	Growth and Development periods; Prenatal life, Postnatal life-1
6	Theoretical	Growth and Development periods; ; Prenatal life, Postnatal life-2
7	Theoretical	Postnatal life; Infancy, Childhood, Puberty, Adolescence, Maturite, Senilite Periods
8	Theoretical	Assessment of growth and development status-Growth criteria
9	Theoretical	Developmental indicators in determining pubertal excretion
10	Theoretical	Biological formation of facial complex, development of nasomaxillary complex, development of mandibular-1
11	Theoretical	Biological formation of facial complex, development of nasomaxillary complex, development of mandibular-2
12	Theoretical	Eruption of deciduous teeth and development of oral function-1
13	Theoretical	Eruption of deciduous teeth and development of oral function-2
14	Theoretical	Chronology of mandibular and maxillary teeth

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	2	5	14	38
Individual Work	10	2	7	90
Midterm Examination	1	10	1	11
Final Examination	1	10	1	11
Total Workload (Hours)				150
[Total Workload (Hours) / 25*] = ECTS				6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knowledge of concepts related to development and learning.
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2	Knowledge of transition mechanisms from deciduous dentition to permanent dentition
3	Learning the psychological development of children
4	Knowing the concepts of growth and development
5	Understanding of growth and development process of jaws

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
P1	4		4	4
P2		3		
P6	4			

