



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Development and Learning							
Course Code		ORD656		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		teaching development and learning techniques							
Course Content		teaching development and learning techniques							
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	Brantley W, Eliades T. Orthodontic Materials: Scientific and clinical aspects Georg Thieme Verlag, 1. Baskı, 2001.
2	Tweed C H: Clinical Orthodontics. The CV Mosby Company, Saint Louis 1966 , volume 1 ve 2. Tweed C H: Clinical Orthodontics. The CV Mosby Company, Saint Louis 1966 , volume 1 ve 2.

Week	Weekly Detailed Course Contents	
1	Theoretical	Developmental and learning psychology
2	Theoretical	Psychosexual development
3	Theoretical	Psychosocial development
4	Theoretical	Moral development
5	Theoretical	Cognitive development
6	Theoretical	Learning
7	Theoretical	Classical conditioning
8	Theoretical	Operant conditioning
9	Theoretical	Humanitarian learning
10	Theoretical	Cognitive learning
11	Theoretical	midterm exam
12	Theoretical	Motivation
13	Theoretical	Social learning theory
14	Theoretical	final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Assignment	1	1	10	11
Midterm Examination	1	1	2	3



Final Examination	1	1	1	2
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Understand the relationship between education and psychology
2	Have the ability to apply learning theories
3	Have knowledge and understanding of how to learn and individual differences in learning
4	Define different areas of development.
5	Explain the factors that affect learning

Programme Outcomes (Orthodontics Doctorate)

1	Must know the transition procedure from primary dentition to permanent dentition, tooth eruption guidance, the precautions for tooth absence and bad habits.
2	May be able to diagnose the orthodontic malocclusion and able to present treatment alternatives for the case.
3	May be able to apply the analysis necessary for diagnosis, such as cephalometric analysis and model analysis and must know the occlusion.
4	Must know the orthodontic tooth movement, the force necessary for the tooth movement, and be able to take the precautions according to the unwanted tooth movements.
5	Must be able to diagnose the functional malocclusions and apply functional appliances.
6	Must be able to apply fixed treatment techniques used in our clinic such as edgewise, Roth, Alexander, MBT
7	Must be aware of the new treatment techniques and improvements in orthodontics.
8	Must know how the craniofacial complex develops and be able to follow the patient's development and growth.
9	Must be able to know how to apply removable appliances and their fabrication and their effects.
10	Must know about the retention period for the patient in order to keep the treatment results stable.

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

	L1	L2	L3	L4	L5
P1	1	2	2	2	1
P2	2	3	3	3	2
P3	3	4	4	4	3
P4	4	5	5	5	3
P5	5	5	4	4	3
P6	4	5	3	3	3
P7	3	5	2	2	4
P8	2	5	1	1	4
P9	1	5	2	3	4
P10	3	2	3	2	5

