AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Treatment Planning in Orthodontics I								
Course Code	ORD633		Couse Level	Third Cycle (Doctorate Degree)					
ECTS Credit	6	Workload	151 *(Hours)*	Theory	2	Practice	2	Laboratory	0
Objectives of the Course	It is aimed to give information about orthodontic treatment planning.								
Course Content	It includes determination of orthodontic treatment need, treatment goals, special considerations in treatment planning.								
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	Salzmann JA.Practice of Orthodontics,JB Lippincott Co, VolI-II,1966.
2	Tweed,CH,Clinical Orthodontics,Vol.I-II,The CV.Mosby Co, Saint Louis,1966.
3	Proffitt,WR;Fields,HW: Contemporary Orthodontics, The CV Mosby Co, St Louis,1986.

Week	Weekly Detailed Course Contents	
1	Theoretical	Orthodontics and health quality
	Practice	Orthodontics and health quality
2	Theoretical	Determination of treatment need
	Practice	Determination of treatment need
3	Theoretical	Treatment objectives
	Practice	Treatment objectives
4	Theoretical	Special considerations in treatment planning
	Practice	Special considerations in treatment planning
5	Theoretical	Treatment planning concepts and treatment goals
	Practice	Treatment planning concepts and treatment goals
6	Theoretical	Planning treatment for moderate problems
	Practice	Planning treatment for moderate problems
7	Theoretical	Planning comprehensive orthodontic treatment
	Practice	Planning comprehensive orthodontic treatment
8	Theoretical	Limitations, controversies, and special problems
	Practice	Limitations, controversies, and special problems
9	Theoretical	Space gaining methods
	Practice	Space gaining methods
10	Theoretical	Arch development in sagittal plane
	Practice	Arch development in sagittal plane
11	Theoretical	Arch development in sagittal plane (continued)
	Practice	Arch development in sagittal plane (continued)
12	Theoretical	Arch development in transvers plane
	Practice	Arch development in transvers plane
13	Theoretical	Arch development in transvers plane(continued)
	Practice	Arch development in transvers plane(continued)
14	Theoretical	Extraction,stripping, Lee way space, curve of Spee
	Practice	Extraction,stripping, Lee way space, curve of Spee

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Individual Work	5	0	15	75
Midterm Examination	1	9	1	10
Final Examination	1	9	1	10
			Total Workload (Hours)	151
			[Total Workload (Hours) / 25*] = **ECTS**	6
25 hour workload is accepted as 1 ECTS				

Learning Outcomes	
1	Appreciates the relation between orthodontics and health quality.
2	Determines orthodontic treatment need.
3	Determines treatment objectives.
4	Makes treatment planning and considers special points, limitations, and controversies.
5	three dimensional treatment plannig

Programme Outcomes *(Orthodontics Doctorate)*	
1	Must know the transition procedure from primary dentition to permanent dentition, tooth eruption guidance, the precausions for tooth absence and bad habbits.
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 orthdontic tooth movement, the force necessary for the tooth movement, and be able to take the precausions 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 developes 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
P1	1	4	4	2
P2	2	5	5	5
P3	3	4	3	3
P4	2	2	2	2
P5	3	4	4	2
P6	3	2	2	4
P7	4	2	2	4
P8	3	4	4	2
P9	3	2	2	3
P10	4	2	3	3