



**Jordan University of Science and Technology**  
**Faculty of Dentistry**  
**Dental Surgery Department**

DENT791L Practical Training In Orthodontics
First Semester 2021-2022

<b>Course Catalog</b>
1 Credit Hours. This is the first practical course for the orthodontic master student. During this course the student should learn how to make the laboratory work of removable and functional orthodontic appliance and bracket bonding and wire bending procedure that could be used during fixed appliance treatment.

<b>Text Book</b>	
<b>Title</b>	Construction, principles and design of removable appliances
<b>Author(s)</b>	Adams and Kerr
<b>Edition</b>	3rd Edition
<b>Short Name</b>	reference 1
<b>Other Information</b>	

<b>Instructor</b>	
<b>Name</b>	Prof. Kazem Al-Nimri
<b>Office Location</b>	-
<b>Office Hours</b>	
<b>Email</b>	ksnimri@just.edu.jo

<b>Class Schedule &amp; Room</b>	
Section 1: Lecture Time: Mon : 11:00 - 13:00 Room: LAB	

<b>Tentative List of Topics Covered</b>		
Weeks	Topic	References
Week 1	Buccal Canine Retractor and Palatal Finger Spring	
Week 2	Adam?s Clasp	
Week 3	Robert?s Retractor and Double Cantilever Spring	
Week 4	Retainers	
Week 5	Frankle	
Week 6	Anderson	
Week 7	Twinblock	
Week 8	Transpalatal bar and Quadhelix	
Week 9	Orthodontic cast trimming and acrylic work	
Week 10	Space closure loops	
Week 11	First, second and extrusion/intrusion bends	
Week 12	Torque and reverse curve of Spee	
Week 13	By pass arch wire	
Week 14	Bonding and banding	
Week 15	Typodont exercise	
Week 16	Cephalometric analysis	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Construction and fabrication of removable and functional appliances	50%	
Wire bending procedure that could be used during fixed appliance treatment	50%	

Relationship to Program Student Outcomes (Out of 100%)														
Taking History and clinical Examination for complete or partial denture patients Primary impressions	Border molding using tracing compound and secondary impressions using ZOE impression material	Jaw registration	Wax-try-in	Insertion of finished dentures	Professionalism	Infection control	Comprehensive dental care	Dental Caries	Operative dentistry	Endodontics	Restoration of badly broken teeth	Knowledge-pediatric dentistry	Written assignments	Clinical skills-pediatric dentistry

Evaluation	
Assessment Tool	Weight
midterm exam	25%
final exam	50%
assignments	25%

Date Printed: 2021-12-09