



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Applied Dental Sciences
 Second Semester 2016-2017
 Course Syllabus

Course Information	
Course Title	Applied Orthodontics
Course Code	TDEN 441
Prerequisites	TDEN 339 or TDEN 341 and TDEN 343
Course Coordinator	Dr. Noor Al Mortadi
Office Location	Faculty of Applied Medical Sciences
Office Phone #	02-7201000 ext. 26887
Office Hours	
E-mail	naalmortadi@just.edu.jo
Teaching Assistant(s)	Ms Rawan Rababa'a
Course Description	
<p>This is An undergraduate 4th year course, 2 credit hours which are totally practical, it is designed to provide the students with:</p> <ul style="list-style-type: none"> • More practical hand-on training and experience in constructing removable orthodontic appliances. • The students are work in a real-work environment and are encouraged to apply their previous know ledge to fabricate a different type of removable appliances • All student cases are real patient cases done in collaboration with the dental students at the faculty of dentistry in the postgraduate dental teaching center at JUST. 	

Textbook	
No Theory	
Other references	1-Alan Grant, Wesley Johnson ,Removable Denture Prosthodontics, Churchill Living Stone, 2000 2nd Edition 2- William I. McCracken et al, McCracken's Removable Partial Prosthodontics, Mosby, 2000, 10th Edition.

Assessment		
Assessment	Expected Due Date	Percentage
Continuous assessment	Thought the semester	60%
Participation	Thought the semester	10%
Final Practical exam	To be announced	30%

Course Objectives		Percentage
1.	Construct commonly used removable orthodontic appliances	30%
2.	Demonstrate ability to interpret dental laboratory prescriptions Produced by the dental practitioner	15%
3.	Communicate with the dental practitioner and discuss any Technical changes	20%
4.	Integrate and work with the dental team, especially fellow dental Technicians and dental practitioners	20%
5.	Demonstrate an awareness and understanding of safety in the Dental laboratory.	15%

Teaching & Learning Methods
<ul style="list-style-type: none"> The students are required to finish two removable orthodontic appliances with various springs, and two types of retainers. Also demonstration for making two different types of functional appliances will be presents from A-Z. The steps required to complete each appliance were presented in the assessment forms, each step will be given mark and the average of these marks will be calculated at the end of each case. A number of criteria should be considered while evaluation each step. <p>Teaching duration:</p> <ul style="list-style-type: none"> There will be four hours every week in D2.

Learning Outcomes: Upon successful completion of this course, students will be able to	
Related Objective(s)	Reference(s) Handouts
1-5	Construct commonly used removable orthodontic appliances.
1.2	Demonstrate ability to interpret dental laboratory prescriptions produced by the dental practitioner
1,2,3	Communicate with the dental practitioner and discuss any technical changes
4	Integrate and work with the dental team, especially fellow dental Technicians and dental practitioners
5	Demonstrate an awareness and understanding of safety in the Dental laboratory

Practical Requirements Assessment		
Assessment	Marks	Percentage
Trimming of orthodontic casts	5	
Essix Retainer	5	
Hawley Retainer	10	
Removable appliances (palatal finger spring, buccal canine retractor, and z spring)	40	

Final		20%
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Theoretical Course Content
No theory

Additional Notes
<p><u>Attendance policy:</u> Student is expected to attend 90% of the lectures and lab sessions and JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 10% of the classes without an excuse Sign in sheet will be distributed at the beginning of the laboratory</p> <p><u>Expected workload:</u> Andresen Twin Blocks Essix retainer Removable appliances</p> <p><u>Feedback:</u> Any issue regarding the course content or the workload should be discussed with the course instructor, if not solved the issue is to be discussed with the department chair if not solved to be taken to the deans assistant and the deans office.</p>