



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Dental Technology Department

TDEN343 Orthodontics (1) Practical

First Semester 2023-2024

Course Catalog

2 Credit Hours. This is an undergraduate third year students course. This practical course is given in conjunction with the theoretical part. Both courses are designed to provide the students with the sufficient knowledge necessary to communicate with the orthodontist, understand the treatment plan the rationale behind it. The students will have the opportunity to gain a thorough knowledge related to the characteristics of normal occlusion, different types of skeletal and occlusion anomalies and how to describe the malocclusion and with using different classification systems. In addition, the course will teach the students the various orthodontic records. The course allows the students to recognize different types of orthodontic appliances. A large emphasis of this course will be on the removable orthodontic appliances: definition, materials used in construction, mode of action, indications, contraindications, limitations, proper design, various active and retentive components, activation of appliances and overview of the clinical management and follow up. The practical part provides the students with the basic technical knowledge and manual skills necessary to fabricate various type of removable orthodontics appliances.

Text Book

Title	Orthodontic Retainers and Removable Appliances
Author(s)	Luther, F & Nelson-Moon Z
Edition	1st Edition
Short Name	Reference 1
Other Information	Butterworth-Heinemann, 2012

Course References

Short name	Book name	Author(s)	Edition	Other Information
Reference 2	An Introduction to Orthodontics	Laura Mitchell	3rd Edition	Oxford, University Press, 2007
Reference 3	The design, construction and uses of removable orthodontic appliances	C. Philip Adams; W. John S. Kerr	6th Edition	Butterworth-Heinemann, 1991
Reference 4	Removable Orthodontic Appliances	Isaacson K. G; Reed R. T; Muir J. D	1st Edition	Butterworth-Heinemann, 2002

Reference 5	An Introduction to Orthodontics	Laura Mitchell	2nd Edition	Oxford, University Press, 2001
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Instructor	
Name	Dr. Noor Al-Mortadi
Office Location	L2 -18
Office Hours	Sun : 10:30 - 11:30 Sun : 14:30 - 16:00 Mon : 08:30 - 10:30 Tue : 13:30 - 15:30 Wed : 15:30 - 16:00
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Instructor	
Name	Mrs. Maha Alomari
Office Location	Faculty of Applied Medical Sciences/Second Floor
Office Hours	Mon : 08:30 - 09:30 Mon : 12:30 - 13:30 Tue : 08:30 - 09:30 Wed : 08:30 - 09:30 Wed : 12:30 - 13:30 Thu : 12:30 - 13:30
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Class Schedule & Room
<p>Section 1: Lecture Time: Sun : 08:30 - 10:30 Room: تكنولوجيا الاسنان</p> <p>Section 2: Lecture Time: Sun : 12:30 - 14:30 Room: مختبر صناعة الأسنان</p> <p>Section 3: Lecture Time: Sun : 08:30 - 10:30 Room: LAB</p> <p>Section 4: Lecture Time: Sun : 12:30 - 14:30 Room: LAB</p> <p>Section 5: Lecture Time: Wed : 13:30 - 16:30 Room: LAB</p>

Tentative List of Topics Covered		
Weeks	Topic	References

Weeks 1, 2	Training of wire bending	From Reference 1 , From Reference 2 , From Reference 3 , From Reference 4 , From Reference 5
Weeks 3, 4	Palatal Finger Spring	From Reference 1 , From Reference 2 , From Reference 3 , From Reference 4 , From Reference 5
Weeks 5, 6	Adams clasps	
Weeks 7, 8	Adams clasps	From Reference 1 , From Reference 2 , From Reference 3 , From Reference 4 , From Reference 5
Weeks 9, 10	Buccal Canine Retractor	From Reference 1 , From Reference 2 , From Reference 3 , From Reference 4 , From Reference 5
Weeks 11, 12	Acrylic Application	From Reference 1 , From Reference 2 , From Reference 3 , From Reference 4 , From Reference 5
Weeks 13, 14	Catch up and Revision	From Reference 1 , From Reference 2 , From Reference 3 , From Reference 4 , From Reference 5

Relationship to Program Student Outcomes (Out of 100%)

PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10

Evaluation

Assessment Tool	Weight
Continuous Assessment	70%
Final Exam	30%

Policy

Statement on Professionalism	Professional behavior is expected of students at all times. Attitude and professional behavior are a minimum criterion for passing this class. Examples of unprofessional behavior include but are not limited to: missing classes, tardiness, lack of attention for a speaker, talking to others during lecture, leaving a lecture prior to its completion without prior authorization of the instructor, working on other class material during class, and sleeping during class.
Cheating	University regulations will be applied on cases of cheating and/or plagiarism
Cell phone	The use of cellular phone is prohibited in class rooms and during exams. The cellular phone must be switched off in class rooms and during exams.
Attendance	No points will be count for points attendance of this class, however attending the lectures will greatly enhance your grade. The student is responsible for any information discussed in lecture sessions. It is imperative to attend all classes!
Absences	University regulations will be applied. Students are not allowed to be absent for more than 20% of lectures for any reason or excuse. If a student exceeds the absence limit, he or she will not be allowed to sit for future course exams. (Please review university regulation for more details)
Make-up Exam	Make-up exams is entitled for students who miss the exam with accepted legal or medical excuse endorsed by the instructor within 24 hours after the scheduled exam (Please review university regulation for more details)
Feedback	Concerns, complaints, questions, and/or feedback are appreciated and will be important for the instructor. You can contact your instructor using the e-mail or during office hours

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