

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

Course Information	
Course Title	Dental Morphology and Occlusion
Course Number	ADS 201
Prerequisites	ADS 102 or co-requisite
Course Website	-
Course Credits	ADS 201 (1 hour)
Coordinator	Dr. Noor Nawafleh
Office Location	Faculty of Applied Medical Sciences, 2nd Floor
Office Phone	
Office Hours	Wed: 12:15-1:15 Mon: 12:15-1:15
Course Time & Location	Wednesdays (8:15-9:15) M4 203
E-mail	nanawafleh@just.edu.jo
Course Description	
<p>This course is designed to provide the undergraduate dental technology students with the basic theoretical knowledge about the macroscopic anatomy of human teeth and the basic principles of dental occlusion. The teeth are studied individually and collectively in terms of shape, function and relation to each other. The practical component of this course involves developing the students' skills in carving different teeth out of wax blocks. The practical sessions also include practicing on dental numbering systems and skills of tooth identification.</p>	

Text Book	
Title	Wheeler's Dental Anatomy, Physiology and Occlusion
Author(s)	Stanley J. Nelson
Publisher	Elsevier Health Sciences
Year	2014
Edition	10th
Book Website	-
References	

Assessment Policy*		
Assessment Type	Expected Due Date	Weight
Intra-semester Assessment: 60%		
First Exam	Week 5	30%
Second Exam	Week 10	30%

Final Assessment %40		
Final Assessment:		40%
Final Theoretical Exam	Week 10	40%

Course Objectives	Weights
To learn the detailed macroscopic anatomy of all permanent teeth	30%
To gain the ability to compare, using distinguishing anatomical characteristics, the differences in incisors, canines, and molars	20%
To learn different notation systems and practice using them	20%
To develop the skills and ability to carve every single tooth	30%

Teaching & Learning Methods
<ul style="list-style-type: none"> • Classroom lectures • Group discussion • Drawing • Demonstrations and lab work • Quizzes and exams

Related Objective(s)	Learning Outcomes
1-3	Given a set of extracted teeth, identify each tooth with the correct universal number, whether it is maxillary or mandibular, right or left, and its specific name
1, 4	Reproduce in carving the morphology of permanent teeth
1,2	Correctly name main anatomical parts of the teeth such as cingulum and fossae
1, 2	Ability to describe all tooth surfaces including facial, lingual, mesial, distal, and occlusal surface
1,4	Reproduce in Drawing the morphology of permanent teeth from both an external perspective and a cross-sectional view (i.e. facial, lingual, mesial, distal, incisal, & occlusal aspects)

Useful Resources
Scheid, Rickne C. <i>Woelfel's dental anatomy</i> . Lippincott Williams & Wilkins, 2012.

Course Content				
Week	Date	Topics	Chapter in Text	Lecturer

1	28/09/2016	Introduction and nomenclature	Ch 1	Dr. Noor Nawafleh
2	06/10/2016	Dental morphological terminology	Ch1	Dr. Noor Nawafleh
3	13/10/2016	Permanent maxillary incisors	Ch 6	Dr. Noor Nawafleh
4	20/10/2016	Permanent mandibular incisors	Ch 7	Dr. Noor Nawafleh
5	27/10/2016	First Theoretical Exam		Dr. Noor Nawafleh
6	02/11/2016	Permanent maxillary and mandibular canines	Ch 8	Dr. Noor Nawafleh
7	09/11/2016	Permanent Maxillary premolars	Ch 9	Dr. Noor Nawafleh
8	16/11/2016	Permanent mandibular premolars	Ch 10	Dr. Noor Nawafleh
9	23/11/2016	Permanent maxillary molars	Ch 11	Dr. Noor Nawafleh
10	30/11/2016	Second Theoretical Exam	Study well!!	Dr. Noor Nawafleh
11	07/12/2016	Permanent mandibular molars	Ch 12	Dr. Noor Nawafleh
12	14/12/2016	Deciduous dentition	Ch 3	Dr. Noor Nawafleh
13	21/12/2016	Occlusion	Ch 16	Dr. Noor Nawafleh
14	28/12/2016	Final Practical Exams week	Good Luck!	Dr. Noor Nawafleh
15	04/01/2016	Final Theoretical Exams week	Good Luck!	Dr. Noor Nawafleh

Additional Notes

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Attendance	Students must attend 100% of all scheduled classes and labs. Class participation is required. Should an absence be necessary, student should contact the course instructor by e-mail immediately. Work missed can ONLY make up with an excused absence. JUST POLICY will be applied regarding absences. For excused absences, i.e. illness or emergency, student must contact the course coordinator immediately. In case of illness, student must submit a formal written excuse from the physician. Otherwise, the absence will be considered unexcused.
Exams	Students are required to sit for the 2 semester examinations (midterm, and final)
Cheating	Cheating the commitment of the Acts of Cheating and deceit such as copying during examinations is dishonest and will not be tolerated; JUST policy will be applied.
Workload	-

Graded Exams	-
Participation	-
Additional Notes	
Feedback	Concerns or complaints should be expressed in the first instance to the course coordinator. If no resolution is forthcoming then the issue should be brought to the attention of the Department Chair and if still unresolved to the Dean. Questions about the material covered in the lecture, notes on the content of the course, its teaching and assessment methods can be also sent by e-mail to the following address