

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 Practical
Course Number	ADS 203
Prerequisites	ADS 201
Course Website	-
Course Credits	2 hours
Coordinator	Dr. Noor Nawafleh
Office Location	Faculty of Applied Medical Sciences, 2 nd Floor
Office Phone	
Office Hours	Wed: 12:15-1:15 Mon: 12:15-1:15
Lab Time and Location	Wednesdays 9:15-12:15 01:15-04:15
E-mail	nanawafleh@just.edu.jo
Teaching Assistants	TBA
Course Description	
This course represents the practical component of the ADS 201 Course. It focuses in developing 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	

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:		
	Date	60%
Midterm carving and drawing exam	Week 9	10% carving
Continuous Lab assessment	Weekly	45%
Drawing Notebook	Weekly	5%
Final Assessment		
	Date	40%
Final carving exam	Week 15	15%
Final Identification	Week 15	20%
Drawing Notebook	Week 14	5%

** Subject to change according to changes that may occur during the semester.*

Course Objectives		Weights
1. Good theoretical information about the anatomical features of every single tooth		25 %
2. Ability to differentiate between teeth and name them using different notation systems		25 %
3. Good knowledge of the three dimension imagination of the teeth		25 %
4. Ability to carve every single tooth		25 %

Teaching & Learning Methods
Demonstrations, Drawing, Group discussion, lab work

Related Objective(s)	Learning Outcomes
1-4	Given a set of extracted teeth, students are expected to identify each tooth (permanent or deciduous, maxillary or mandibular, right or left, its specific type). In addition, students are expected to name every tooth using the different notation systems.
4	Reproduce in carving the morphology of permanent teeth maxillary and mandibular central & lateral incisors, canines, 1 st & 2 nd premoolars, and 1 st molars from both an external perspective and a cross-sectional view (i.e. facial, lingual, mesial, distal, incisal, & occlusal aspects)
1	Correctly name main anatomical parts of the teeth such as cingulum and fossae
1, 3	Ability to describe all tooth surfaces including facial, lingual, mesial, distal, and occlusal surface
3	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)

Course Content			
Week	Date	Lab procedure	Activities and requirements
1	28/09/2016	Introduction	Orientation into lab policies, guidelines, & requirements
2	06/10/2016	Drawing	Bring your own drawing notebook, pencil, ruler, etc.
3	13/10/2016	Carving: permanent maxillary central incisor	Homework assignment: draw permanent maxillary central & lateral incisors Bring your own wax block and carving instruments.
4	20/10/2016	Carving: permanent mandibular lateral incisor	Homework assignment: draw permanent mandibular central & lateral incisors Bring your own wax block and carving instruments.

5	27/10/2016	Carving :Permanent maxillary canine	Homework assignment: draw permanent maxillary and mandibular canines Bring your own wax block and carving instruments.
6	02/11/2016	Carving : Permanent Maxillary first premolar	Homework assignment: draw permanent maxillary 1st and 2nd premolars Bring your own wax block and carving instruments.
7	09/11/2016	Catch-up Lab	
8	16/11/2016	Midterm Carving Exam	Prepare well!!
9	23/11/2016	Carving : Permanent mandibular second premolar	Homework assignment: draw permanent mandibular 1 st and 2 nd premolars Bring your own wax block and carving instruments.
10	30/11/2016	Carving: Permanent maxillary first molar	Homework assignment: draw permanent maxillary 1 st molar Bring your own wax block and carving instruments.
11	07/12/2016	Carving: Permanent mandibular first molar	Homework assignment: draw permanent mandibular 1 st molar Bring your own wax block and carving instruments.
12	14/12/2016	Identification of natural teeth (permanent and primary teeth)	Homework assignment: draw permanent maxillary 2 nd & 3 rd molars
13	21/12/2016	Identification of natural teeth (permanent and primary teeth)	
14	28/12/2016	Final exams (Carving and Identification)	Be prepared!

Additional Notes	
Assignments	Students are required to do all the homework and lab assignments including drawing exercises, and laboratory work
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.
Attendance	Student attendance and responsibility: <u>Lateness more than 10 minutes is considered as an unexcused absence. JUST POLICY will be applied regarding absences.</u> 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.
Workload	-

Graded Exams	-
Participation	-
Laboratory Requirements	<ol style="list-style-type: none"> 1. Drawing homework assignments: students are required to draw all the permanent teeth on the drawing notebook and submit them on the assigned due dates (Please See Lab Planner). <u>Student who fails to submit the drawing homework assignments on the assigned due dates will be penalized by grade deduction from the drawing notebook grade (one grade will be deducted each time the assignment is not submitted).</u> 2. Carving assignments: each student is required to carve on wax the following teeth & submit the carved tee 3. By the end of the assigned labs dates (please see the lab planner). Teeth that are required to be carved: <ol style="list-style-type: none"> a. Permanent maxillary central incisor b. Permanent mandibular lateral incisor c. Permanent maxillary canine d. Permanent maxillary first premolar e. Permanent mandibular second premolar f. Permanent maxillary first molar g. Permanent mandibular first molar
Lab Policies	<ul style="list-style-type: none"> - Students are required to attend course labs with their <u>lab coats, nametags, wax blocks, pencil, pen, ruler, drawing notebook, wax knife, lecron carver, small box, measurement sheet, & a small tooth brush.</u> - Each student should leave the lab clean. - No foods, drinks, gum are allowed. - <u>No lab work should be completed outside lab or taken into home for any reason. All lab work should be submitted to the teaching assistants by the end of the lab.</u> - DO NOT leave lab without permission from the course coordinator or the Teaching Assistants.
Additional Notes	
Feedback	<p>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.</p> <p>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</p>