



**Jordan University of Science and Technology**

**Faculty of Applied Medical Sciences**

**Department of Applied Dental Sciences**

**First Semester 2016/2017**

<b>Course Information</b>	
Course Title	Fundamentals of dental technology
Course Code	TDEN 207
Credit Hours	1
Course Coordinator	Dr. Zeid Al-Hourani
Teaching Assistants	Dental Technicians in Dental Technology Laboratory
Location	M4203
Day/ Time	Tuesday/ 12:15- 1:15
Contact	<a href="mailto:zahorani@just.edu.jo">zahorani@just.edu.jo</a>
Office N°	26948
Office Hours	

<b>Course Description</b>
<p>This is an undergraduate Second year students course, 1credit theoretical hour. It is designed to provide the students with :</p> <ul style="list-style-type: none"><li>• The basic theoretical knowledge needed to fabricate acrylic removable dentures.</li><li>• A solid theoretical background relevant to technical and clinical aspects of constructing removable dentures.</li></ul>

<b>Textbook</b>	
Title	Basics of Dental Technology: A Step by Step Approach
Author(s)	Tony Johnson, David Patrick, Christopher Stokes et al
Publisher	Wiley Blackwell
Year	2015
Edition	2 <sup>nd</sup>
Book Website	None
Other references	Title: Techniques in complete denture technology. Author: Johnson, Tony (Anthony Phillip) Publication: Wiley-Blackwell, Chichester, West Sussex, UK ; Ames, Iowa : 2012.

Assessment		
Assessment	Date	Percentage
First Exam		60%
Final Exam**	To be Announced	40%
Make Up Exams*		

**\*تنص المادة (٨) /فقرة (٧) على:**  
كل من يتغيب عن امتحان فصلي معلن عنه بدون عذر قهري أو مرضي يقبل به عميد الكلية التي تطرح المساق يوضع له (صفر) في ذلك الإمتحان، و يحسب في العلامة النهائية المستحقة لذلك المساق.

**\*\*تنص المادة (٨) /فقرة (٨) على:**  
إذا تغيب الطالب عن موعد الإمتحان النهائي فعليه تقديم عذر تغيبه الرسمي عن الإمتحان في موعد أقصاه اسبوعين من موعد الإمتحان النهائي، و لعميد الكلية المعني النظر في اعتماد أو عدم اعتماد عذر الطالب عن الإمتحان النهائي خلال مدة أقصاها أسبوع من بداية الفصل اللاحق للفصل الذي درس فيه الطالب المساق بما في ذلك الفصل الدراسي الصيفي (إذا كان الطالب مسجلاً للفصل الصيفي).

Course Objectives	
Objective	Percentage
Provide students with sufficient information regarding the anatomical landmarks in the denture bearing area.	20%
Provide the students with sufficient theoretical background about the clinical and technical procedures involved in constructing removable acrylic dentures with more concentration on the technical part	30%
Provide students with practical problems in the various steps involved in the fabrication of acrylic dentures and the way to avoid and overcome them.	30%
Stress on the importance of teamwork and communications with the dentist.	20%

Teaching and Learning Methods
<ul style="list-style-type: none"> <li>Students are required to attend a 1 hour lecture each week. Simplifying the information will be carried out by the lecturer in order to facilitate the understanding of each technical and clinical step in fabricating removable dentures.</li> <li>Students will be assigned to work together in order to enhance teamwork and critical thinking in order to come up with solutions for certain problems facing the work of fabricating removable dentures.</li> </ul>

Additional Notes
<p><b>Attendance policy:</b></p> <ul style="list-style-type: none"> <li>Students are expected to attend more than 90% of lectures.</li> <li>Each student is expected to sit in his numbered seat</li> <li>Empty seat will be counted as absent</li> <li>All absences will be entered electronically into the University site</li> <li>If absence is more than 10% student will be notified in this regard</li> <li>If absence exceeded 20% the students will be withdrawn from the course</li> </ul> <p><b>Expected workload:</b></p> <ul style="list-style-type: none"> <li>Students are expected to take every effort to ensure satisfactory learning of the material</li> </ul>

given.

**Feedback:**

Concerns or complaints should be expressed in the first instance to the course instructor. 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:

[zahorani@just.edu.jo](mailto:zahorani@just.edu.jo)

Course Content		
Week	Date	Title
	26/09/2016	Introduction
	3/10/2016	Equipment and instruments
	10/10/2016	Health and Safety
	17/10/2016	Dental Impression - Primary Impression - Stock impression Trays
	24/10/2016	Dental Impression - Final Impression - Special impression Trays
	31/10/2016	Pouring Impression Techniques - Trimming Models
	07/11/2016	Articulators - Jaw Movements - Type of Articulators
	14/11/2016	Midterm Exam
	21/11/2016	Complete and Partial Dentures
	28/11/2016	Making Denture Base
	05/12/2016	Wax Blocks and Records - Complete and Partial Dentures
	12/12/2016	Denture Repair
	19/12/2016	Denture Reline
	26/12/2016	Denture Rebase
	02/01/2017	Cast Preparation for Fixed Partial Denture
	09/01/2017	Revision