



Jordan University of Science and Technology
 Faculty of Applied Medical Sciences
 Department of Applied Dental sciences
 First Semester, 2016/2017
 Course Syllabus

Course Information	
Course Title	Esthetic Prosthodontics I
Course Code	TDEN461
Prerequisites	TDEN334
Time	12:45 - 1:45
Place	M4 203
Course coordinator	Dr. Abdel Rahim Bibars
Office Location	M5 level -1
Office Phone #	
E-mail	abd.baibars@gmail.com

Course Description
<p>This course is designed to the undergraduate students at the fourth year and it is one Credit hour (Theoretical). It is provide the dental technology students with a working knowledge and skills on the fabrication of the adhesive retained restorations, and expose the students to the current free metal restoration systems available. Part of the laboratory sessions will be assigned for the presentations of the techniques and systems available in Jordan such as IPS Empress, CAD CAM.</p>

Textbook	
Title	<ol style="list-style-type: none"> 1. Adhesive metal-free restorations : current concepts for the esthetic treatment of posterior teeth 2. Esthetics of anterior fixed prosthodontics 3. The science and art of porcelain laminate veneers
Author(s)	<ol style="list-style-type: none"> 1. Dietschi, Didier 2. Chiche, Gerard J. 3. Gèurel, Galip.
Publisher	1,2 and 3: Quintessence Publishing
Year	<ol style="list-style-type: none"> 1- 1997 2- 1994 3- 2003
Edition	1st Editions
Other references	Lectures

Assessment		
Assessment	Expected Due Date	Percentage
First exam	Week 5	25%
Second exam	Week 9	25%
Assignments	-	10%
Final exam Assessment	Continuous laboratory Practical	40%

Course Objectives	Percentage
1. Provide the students with the necessary knowledge required to fabricate adhesive retained restoration	50%
2. Provide hands-on training on the various aspects of the technical work involved in the fabrication systems	35%
3. Familiarize the students with the currently available New technology CAD/CAM.	15%

Teaching & Learning Methods
<p>The theoretical part of the course is given in the form of one hour every week. The practical side consists of one laboratory session every week. Each laboratory exercise will start by a brief review of the theoretical side and then is followed by a practical demonstration of the laboratory side by a senior instructor. Students will then perform the laboratory work as assigned in the laboratory program. In order to expose the students to the free metal ceramic systems available in Jordan.</p> <ul style="list-style-type: none"> • Power point presentation using a computer, data show and screen. • Class discussion <p>Teaching duration:</p> <ul style="list-style-type: none"> • Duration: 13 weeks • Lectures: 13 lecture, 50 minutes each, including examinations

Learning Outcomes: Upon successful completion of this course, students will be able to		
	Related Objective(s)	Reference(s) Handouts
	Understand the principles of all ceramic restorations	Different systems in the fabrication of dentine bonded crowns and bridges
	Be familiar with the different techniques used in the fabrication of all ceramic restorations	Porcelain laminate veneers (PLV) Dentine-bonded crowns InCeram
	Differentiate between the systems utilized to fabricate all ceramic restorations	Porcelain laminate veneers Dentine-bonded crowns

	Understand and be able to work with the new materials and how to control the tooth shade and translucency.	Porcelain Laminate Veneers Inceram IPS Impress (All lectures)
	Understanding the indications and treatment planning for Laminate veneers	Introduction into porcelain laminate veneer (PLV) : preoperative Evaluation, indications and treatment planning
	Able to complete all ceramic restorations such as porcelain Laminate Veneers, onlays, inlays, Inceram crown and Empress crown	<ul style="list-style-type: none"> ▪ Ceramic Onlay/Inlay ▪ Porcelain laminate veneers ▪ Laboratory work

Additional Notes

Attendance policy:

- Students are expected to attend all more than 90% of lectures.
- All absences will be entered electronically into the University site
- If absence exceeds than 20% student will be banned from the course after electronic notification from the university through student e-mail.

Expected workload:

Students are expected to take every effort to ensure satisfactory learning of the material 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 abd.baibars@gmail.com

Course Content (Theory)

Week	Date	Title of the Lecture	Lecturer
1	28-9-2016	Resin Bonded Bridges – Definition and indication and Preparation guidelines	Abdel rahim Bibars
2	5-10-2016	Resin Bonded Bridges – Laboratory procedure	Abdel rahim Bibars
3	12-10-2016	Introduction into porcelain laminate veneer (PLV) : preoperative Evaluation , indications and treatment planning	Abdel rahim Bibars
4	19-10-2016	Porcelain laminate veneers: Laboratory procedures	Abdel rahim Bibars
5	26-10-2016	First Exam	Abdel rahim Bibars
6	2-11-2016	Pressable Ceramic: IPS Empress	Abdel rahim Bibars

		Definition, Indication and Contraindication	
7	9-11-2016	IPS-Empress: Waxing + spruing rules	Abdel rahim Bibars
8	16-11-2016	IPS Impress Techniques: Build-up vs staining + Cut back	Abdel rahim Bibars
9	23-11-2016	Second Exam	Abdel rahim Bibars
10	30-11-2016	Ceramic Inlay/Onlay	Abdel rahim Bibars
11	7-12-2016	InCeram: Introduction, Indications and Contraindications	Abdel rahim Bibars
12	14-12-2016	CAD/CAM - 1	Abdel rahim Bibars
13	21-12-2016	CAD/CAM - 2	Abdel rahim Bibars