

## COURSE PLAN

### FIRST: BASIC INFORMATION

#### College

College : Irbid College  
 Department : Medical Department

#### Course

Course Title : Dental Implant Practice  
 Course Code : **020813266**  
 Credit Hours : 2 (0 Theoretical, 2 Practical)  
 Prerequisite : **020813263\***  
 \*Co-requisite

#### Instructor

Name :  
 Office No. :  
 Tel (Ext) :  
 Email :  
 Office Hours :

Building	Day	Start Time	End Time	Room No.

#### Text Book

Title : Dental Implant Prosthetics Carl E. Misch Mosby, 2014, 2nd edition

#### References

1. Dental Implants: A guide for the general practitioner Michael Norton Quintessence publishing company, 1995, 1st Edition
2. Implant prosthodontics: Clinical and laboratory procedure Fredrickson, Stevens and Gress George Stamathis, 1994, 1st Edition
3. Dental Implant Prosthetics Carl E. Misch Mosby, 2014, 2nd edition

### SECOND: PROFESSIONAL INFORMATION

#### COURSE DESCRIPTION

This course covers the practice of making dental implant prostheses. This course provides impression methods for manufacturing dental implant prostheses, methods for manufacturing implant surgical guides, methods for making implant working casts, and methods for manufacturing abutments and implant crowns.

#### COURSE OBJECTIVES

The objectives of this course are to enable the student to do the following:

- **Make** the dental implant impression tray
- **Make** the dental implant model
- **Make** the dental implant surgical guide
- **Make** the dental implant working cast
- **Perform** the dental implant abutment processing
- **Perform** the dental implant crown processing
- **Perform** the dental implant repair

### COURSE LEARNING OUTCOMES

By the end of the course, the students will be able to:

- CLO1. Make the dental implant impression tray
- CLO2. Make the dental implant model
- CLO3. Make the dental implant surgical guide
- CLO4. Make the dental implant working cast
- CLO5. **Perform** the dental implant abutment processing
- CLO6. **Perform** the dental implant crown processing
- CLO7. **Perform** the dental implant repair

### COURSE SYLLABUS

Week	Unit	Content	Related LO and Reference (Chapter)	Proposed assignments
1	Dental Implant Impression	<ul style="list-style-type: none"> <li>• Method of making of dental implant impression tray</li> <li>• Using method of materials and equipment to make dental implant impression tray</li> </ul>	CLO1	
2	Dental Implant Model	<ul style="list-style-type: none"> <li>• Method of making dental implant model</li> <li>• Using method of materials and equipment to make dental implant model</li> </ul>	CLO2	
3	Implant Surgical Guide Design	<ul style="list-style-type: none"> <li>• Implant surgical guide design method using stone model</li> </ul>	CLO3	
4	Implant Surgical Guide Making	<ul style="list-style-type: none"> <li>• Method for making implant surgical guide using resin</li> </ul>	CLO3	
5	Implant Surgical Guide Design using CAD	<ul style="list-style-type: none"> <li>• Implant surgical guide design method using CAD</li> </ul>	CLO3	
6	Implant Surgical Guide Making using 3D Pinter	<ul style="list-style-type: none"> <li>• Method for making implant surgical guide using 3Dpinter</li> </ul>	CLO3	
7	Implant Working Cast Design	<ul style="list-style-type: none"> <li>• Implant working cast design using impression open tray</li> <li>• Lab. analog using method</li> </ul>	CLO4	



Week	Unit	Content	Related LO and Reference (Chapter)	Proposed assignments
<b>8</b>	<b>Midterm Exam</b>			
9	Implant Working Cast Making 1	<ul style="list-style-type: none"> <li>Boxing method of impression tray</li> <li>Working cast material injection method</li> </ul>	CLO4	
10	Implant Working Cast Making 2	<ul style="list-style-type: none"> <li>Lab analog position setting of working cast</li> <li>Working cast's gingival setting</li> </ul>	CLO4	
11	Implant Abutment Design	<ul style="list-style-type: none"> <li>CAD design method of implant abutment</li> </ul>	CLO5	
12	Implant Abutment Processing	<ul style="list-style-type: none"> <li>CAM processing method of implant abutment</li> </ul>	CLO5	
13	Implant Crown Design	<ul style="list-style-type: none"> <li>CAD design method of implant crown</li> </ul>	CLO6	
14	Implant Crown Processing	<ul style="list-style-type: none"> <li>CAM processing method of implant crown</li> </ul>	CLO6	
15	Dental Implant Repair	<ul style="list-style-type: none"> <li>Repair of implant structures</li> <li>Repair of implant prosthesis</li> </ul>	CLO7	
<b>16</b>	<b>Final Exam</b>			

### COURSE LEARNING RESOURCES

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### ONLINE RESOURCES

<a href="http://www.aae.org">www.aae.org</a> <a href="http://www.dentalimplantsonline.com">www.dentalimplantsonline.com</a>
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### ASSESSMANT TOOLS

grading distribution table evaluation activity	
homework	5
report	5
Queses	10
mid term exam	20
Experience/Attendance/Participation	10
final exam	50
Total	100%

**THIRD: COURSE RULES****ATTENDANCE RULES**

Attendance and participation are extremely important, and the usual University rules will apply. Attendance will be recorded for each class. Absence of 10% will result in a first written warning. Absence of 15% of the course will result in a second warning. Absence of 20% or more will result in forfeiting the course and the student will not be permitted to attend the final examination. Should a student encounter any special circumstances (i.e. medical or personal), he/she is encouraged to discuss this with the instructor and written proof will be required to delete any absences from his/her attendance records.

**GRADING SYSTEM****Example:**

Grade	Points
<b>FAILED</b>	<b>0-49</b>
<b>PASSED</b>	<b>50-100</b>

**REMARKS**

{The instructor can add any comments and directives such as the attendance policy and topics related to ethics }

**COURSE COORDINATOR****Course Coordinator:****Signature:****Date:****Department Head:****Signature:****Date:**