

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Fixed Prosthodontic I Lab
Course number	DENT3141
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

- 1 - the student should be able to understand the basic conceptions of fixed prosthodontics
- 2 - know how the terminology of crowns and bridges
- 3 - know the different steps required to make a fixed prosthesis

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * understand the sequence of fixed prosthodontics * understand the importance of wax pattern * understand the basic concepts of occlusion * understand the basic preparation concepts * know the meaning of dental cast and die
Intellectual Skills	<ul style="list-style-type: none"> * realize the significance of the preparation steps
Professional Skills	<ul style="list-style-type: none"> * have a good ability to make an impression * have a good ability to make a wax pattern * have a good ability to prepare a posterior tooth for fixed crown * understand how to fabricate the die
General Skill	<ul style="list-style-type: none"> * realize the importance of the fixed prosthodontics and how to introduce it to the patient .

Course Contents

- 1 - primary impression
- 2 - wax pattern
- 3 - preparation of a full metal crown for upper or lower 6
- 4 - final impression
- 5 - pouring the final impression + die fabrication

Teaching and Learning Methods

- 1 - power point presentation
- 2 - educative videos
- 3 - demonstration on an acrylic tooth

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
semester requirements	13th week	20
midterm exam	7th week	30
final exam	14th week	50

Books and References

Course note	Fixed Prosthodontics	Department members
Recommended books	Fixed Prosthodontics	H.W. Auselm Wiskott Quintessence

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
primary impression	1st week	know the concept of dental primary impression	understand the importance of dental primary impression	understand the technique of making a dental primary impression	learn how to evaluate the dental primary impression
wax pattern	2nd , 3 rd , 4th week	know the concept of wax pattern	understand the basic concepts of dental occlusion understand the the importance of wax pattern	have a good ability in making the wax pattern	learn how to evaluate the wax pattern
preparation of full metal crown for upper or lower 6	5th , 6th , 8th , 9th , 10th week	understand the basic tooth preparation principles	realize the technique and the importance of each step in tooth preparation	have a good ability to prepare the full metal crown for lower and upper 6	learn how to evaluate the preparation
final impression	10th week	understand the technique of the final impression	realize the importance of dental final impression and its effect on the whole fixed prosthodontics procedures	learn how to make a final impression with different techniques and materials	understand the requirement of a good dental final impression
pouring the final impression + die fabrication	11th , 12th , 13th week	understand the techniques of pouring understand the different techniques of die fabrication	realize the importance and sensitivity of the different techniques of pouring and die fabrication	learn how to make a dental cast and a die	learn hoe to judge the dental cast and die