

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Fixed Prosthodontic II Lab
Course number	DENT4141
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

1 - understand the principles of posterior teeth reduction
2 - understand principles of anterior teeth reduction
3 - differentiate between different types of finishing lines
4 - understand the importance of temporary crown
5 - realize the different techniques of temporary crown fabrication
6 - understand the sequence of metal try in
7 - be familiar with different types of cements

Intended Learning Outcomes

Knowledge and Understanding	* understand the importance of temporary crown
Intellectual Skills	* realize the different techniques of temporary crown fabrication
Professional Skills	* understand the principles of posterior teeth reduction
	* understand principles of anterior teeth reduction
General Skill	* improve the students ability to analyse data

Course Contents

1 - Preparation of a posterior PFM crown/ bridge
2 - Preparation of a zirconium anterior bridge
3 - Partial veneer preparation + onlay /inlay preparation
4 - Final Impression
5 - Temporary crown making
6 - Metal Try in + Bite registration
7 - Cementation

Teaching and Learning Methods

- 1 - powerpoint slides
- 2 - educative videos
- 3 - demonstration on acrylic teeth

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
mid- term exam	7th week	30
semester requirements	14th week	20
final exam	14th week	50

Books and References

Course note fixed prosthodontic . . . department members

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Preparation of a posterior PFM crown/ bridge	1st , 2nd , 3rd, week	understand the concepts of teeth preparation understand the differences between different types of fixed restorations	realize the amount of preparation required for each type of fixed restorations realize the concept of path of insertion and parallelism	have a good ability to prepare posterior teeth for PFM fixed restorations have a good ability to judge the path of insertion	improve the students skills in logical analysis
Preparation of a zirconium anterior bridge	4th , 5th, 6th week	understand the concepts of teeth preparation understand the differences between different types of fixed restorations understand the aesthetic consideration in the anterior teeth preparation	realize the amount of preparation required for each type of fixed restorations realize the concept of path of insertion and parallelism	have a good ability to prepare posterior teeth for PFM fixed restorations have a good ability to judge the path of insertion evaluate the aesthetic consideration in the anterior teeth preparation	improve the students skills in logical analysis
Partial veneer preparation + onlay /inlay preparation	8th , 9th week	understand the differences between different types of fixed restorations understand the aesthetic consideration in the anterior teeth preparation differentiate between the inlay and onlay	realize the amount of preparation required for each type of fixed restorations	have a good ability to prepare anterior teeth for laminate veneer have a good ability to judge the validity of the tooth for each type of fixed restorations	improve the students skills in logical analysis
Final Impression +Temporary crown making	10th week	understand the different materials and techniques used to make a temporary crown understand the different materials and techniques used to make a final impression	realize the importance of the final impression realize the importance of the temporary crown	have a good ability in making final impression have a good ability in making temporary crown have a good ability in judging final impression	improve students ability in linking information

Metal Try in + Bite registration	11th week	understand the sequence of metal try in understand the basic concepts of dental occlusion	realize the relation between the two jaws realize the sequence of the metal try in and its effect on the final restoration	have a good ability in judging the metal try in have a good ability in register the relation between the two jaws have the ability to deal with different problems that may result from this step	improve the students ability in dealing with problems
Cementation	12th, 13th week	understand the different types of dental cements understand the exact sequence of the cementation process	realize the causes of failure and how to deal with it	have a good ability in performing the cementation process	improve the students ability in dealing with problems