

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Fixed Prosthodontic II
Course number	DENT4140
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - The Understanding of the Spruing, Investing and Casting.
2 - The Understanding of the temporization.
3 - The Understanding of Pontics.
4 - The Understanding of shade selection.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * The Understanding of the Spruing, Investing and Casting. * The Understanding of shade selection. * The Understanding of Pontics. * The Understanding of the temporization.
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Course Contents

1 - Spruing
2 - Investing
3 - Casting
4 - Provisional Restorations "Temporization".
5 - Diagnosis Related to Fixed Prosthodontics
6 - Tissue Displacement
7 - Pontics
8 - Partial veneer crown
9 - Interocclusal Record "Bite registration"
10 - Color Science and Shade Selection.

Teaching and Learning Methods

1 - powerpoint slides
2 - educative videos
3 - assignments

Students Assessment

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

Books and References

Recommended books	Fixed Prosthodontics H.W. AuselmWiskott Quintessence
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Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
spruing	1st week	understand the technique of spruing	differentiate between different types of sprues	locate the best position of sprue realize the defects of metal result from incorrect spruing	improve the students ability of observation
investing	2nd week	understand the meaning of investing understand the process of investing	differentiate between the different types and techniques of investment material	understand the defects of metal framework result from incorrect investment	improve the students ability of remembering
casting	3rd week	understannd the meaning of casting understand the casting process	realize the different types and techniques of casting material	have a clear idea about the defects and problems of casting process	improve the students ability of observation
Provisional Restorations "Temporization".	4th, 5th week	understand the process of temporization	realize the importance of this step	have a good ability in making the temporary restoration	improve the students ability of dealing with problems
Diagnosis Related to Fixed Prosthodontics	6th,8th,9th week	understand the process of diagnosis with its multiple aspects	realize the steps of diagnosis and its effects on the treatment plan	have a good ability in designing a proper treatment plan based on the information obtained from the diagnosis	improve the students ability of logical thinking
Tissue Displacement	10th week	understand the main materials used in tissue displacements	realize the different materials and techniques used in tissue displacement with the advantages and disadvantages of each one .	have a good ability to decide the best technique of tissue displacement would be used in each case	improve the students ability of remembering
pontics	11th week	understand the terminology (pontics)	realize the different types of pontics available realize the advantages and disadvantages of each type realize the indications of each type	decide which pontic should be used in each case	improve the students ability of observation

partial veneer crowns	11th week	understand the term "partial veneer crown"	realize the indications and contraindications of this type of fixed restorations	have a good ability to decide when to use this type of restorations	improve the students ability of observation improve the students ability of linking information
Interocelusal Record "Bite registration"	12th week	understand the basic concepts of dental occlusion	realize the technique used for occlusal registration	IMPROVE THE STUDENTS ABILITY OF TAKING A BITE REGISTRATION	improve the students ability of linking information
Color Science and Shade Selection.	13th week	understand the different terms related to the color science	realize the nature of the color	have the ability to choose the color of the restoration which mimic that of the natural tooth	improve the students ability of observation