

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Fixed Prosthodontic IV
Course number	DENT5140
Faculty	
Department	
Course type	Major Needs
Course level	5
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

1 - understand the terminology of retainers
2 - realize the esthetic coinsideration of fixed crowns/bridges
3 - realize the biologic coinsideration of fixed crowns/bridges
4 - understand the modern all ceramic resorations

#### Intended Learning Outcomes

Knowledge and Understanding	* understand the modern all ceramic resorations
	* understand the modern all ceramic resorations
	* realize the esthetic coinsideration of fixed crowns/bridges
Intellectual Skills	* realize the biologic coinsideration of fixed crowns/bridges

#### Course Contents

1 - Biologic aspects of crown and bridge prosthodontic.
2 - Retainers used for fixed Prosthodontics
3 - Periodontal aspects of crown and bridge prosthodontic.
4 - Esthetic considerations.
5 - Checking and verifying of crown and F. Prosth.
6 - Using cements and cementation procedures.
7 - All - Ceramic restoration Advanced Ceramics
8 - Resin - Bonded retainers "Adhesive Bridges"

#### Teaching and Learning Methods

1 - powerpoint slides
2 - educative videos

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**Students Assessment**

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

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**Books and References**

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

## Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Retainers used for fixed Prosthodontics.	1st,2nd week	understand the terminology of retainers	realize the importance of this part of fixed prosthesis	have a good ability in differentiate the different types of retainers clinically	improve the students ability of observation
Biologic aspects of crown and bridge prosthodontic.	3rd, 4th week	understand the Biologic aspects of crown and bridge prosthodontic.	realize the effects of the fixed prosthesis on the different parts of the oral cavity	have a good ability in designing a well formed fixed prosthesis biologically	improve the students ability of linking information
Periodontal aspects of crown and bridge prosthodontic.	5th,6th week	understand the periodontal aspects of crown and bridge prosthodontic.	realize the effects of the fixed prosthesis on the periodontal tissues	have a good ability in designing a well formed fixed prosthesis periodontally	improve the students ability of linking information
Esthetic considerations.	8th,9th week	understand the esthetic consideration in fixed prosthesis	realize the importance of the esthetic in designing a fixed prosthesis	have a good ability in select the color of the fixed prosthesis have a good ability in mimic the natural appearance of the teeth in the fixed prosthesis	improve the students ability in observation
Checking and verifying of crown and Fixed Prosthesis.	10th week	understand the criteria of fixed prosthesis evaluation	realize the the differences between well fitted and poorly fit fixed prosthesis	have a good ability in verifying the fixed prosthesis	improve the students ability of observation
Using cements and cementation procedures.	11th week	understand the characteristics of different cements understand the requirements of proper cementation process	realize the importance and effects of the cementation process on the success of fixed prosthesis	have a good ability in performing the cementation process have a good ability in selection the best cement for each case	improve the students ability of observation improve the students ability in linking information
All – Ceramic restoration Advanced Ceramics	12th week	understand the modern techniques of all ceramic restoration understand the indication and contraindications of each technique understand the advantages and disadvantages of each technique	realize the differences and the advantages of the modern all ceramic restorations	have a good ability in using the modern techniques of all ceramic restorations	improve the students ability of remembering

Resin – Bonded retainers "Adhesive Bridges"	13th week	understand the indications , contraindications of adhesive bridges understand the advantages and disadvantages of adhesive bridges	realize the proper case to use the adhesive bridges	have a good ability in using adhesive bridges as a treatment plan	improve the students ability of remembering
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