

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Removable Prosthodontic II
Course number	DENT3142
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - Learn introduction about partial denture
2 - How complete denture construction in lab

Intended Learning Outcomes

Knowledge and Understanding	* Knowledge : Upon completing this course , students will be able to : Construction the partial denture in lab
	* Skills : Good practical in dental lab

Course Contents

1 - Introduction and classification of partially edentulous patients 1.
2 - Introduction and classification of partially edentulous patients. 2
3 - COMPONENTS OF A REMOVABLE PARTIAL DENTURE 1
4 - COMPONENTS OF A REMOVABLE PARTIAL DENTURE 2
5 - Direct retainer1
6 - Direct retainer2
7 - RESTS AND REST SEATS1
8 - Undercuts
9 - LABORATORY PROCEDURES FOR FRAMEWORK CONSTRUCTION
10 - RESTS AND REST SEATS 2
11 - INDIRECT RETAINERS
12 - DENTURE BASE
13 - Tooth selection for partial denture
14 - SURVEYING

Teaching and Learning Methods

1 - (Power point (presentation
2 - lectures
3 - assignments

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Midterm written exam	7th week	50
Final written exam	14th week	40
Final oral exam	14th week	10

Books and References

Course note	Removable partial prosthodontics 2012 Dr. Sybille K lechner
	A color Atlas of removable partial dentures 2011 J.C. Davenport

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Terminology, PURPOSE OF REMOVABLE PARTIAL DENTURE	1st week	What the meaning of removable partial denture and its objective	Knowing different terminology related to removable partial denture	Describe the removable partial denture as treatment choice	Identified removable partial denture
CLASSIFICATION OF PARTIALLY EDENTULOUS ARCHES, Kennedy classification	2nd week	Edentulous patient classes	Differentiate between classes	Diagnose patient classes	Knowing all types of removable partial denture
MAJOR CONNECTORS, TYPES OF MAXILLARY MAJOR CONNECTORS	3rd week	Major connector	Select proper design of major connector for each case	Design denture	Select type of major connector
TYPES OF MANDIBULAR MAJOR CONNECTORS, MINOR CONNECTORS	4th week	Major and minor connector	Select proper type of major connector for each cases	Design denture	Select type of major connector
Means of retention, Types of direct retainer: Occlusally approaching clasp	5th week	Direct retainer	Select proper type of direct retainer for each cases	Design denture	Select type of direct retainer
Gingivally approaching clasp, Combination	6th week	Direct retainer	Select proper type of direct retainer for each cases	Design denture	Select type of direct retainer
Definitions, Functions of rests	7th week	RESTS AND REST SEATS	Differentiate between RESTS AND REST SEATS	Determined where rest is needed	Identify rest
Types of rests: Occlusal rests, Cingulum or lingual rest, Incisal rest	8th week	RESTS AND REST SEATS	Select proper type of rests for each cases	Design denture	Identify all types of rests
Definition, Principle of indirect retention, Factor influencing the effectiveness of it, Forms of indirect retainers	9th week	INDIRECT RETAINERS	Factor influencing indirect retainer	Design denture	Select type of indirect retainer
Definition, Requirements for an ideal denture base Functions, Types of denture bases, STRESS BREAKERS, Types of stress breakers.	10th week	DENTURE BASE	Designing of ideal denture base	Proper design for denture base and stress breaker	Identify denture base and stress breaker
Types of teeth: Acrylic teeth, Porcelain teeth, Facings, Tube Teeth, metal teeth Factors affecting selection of RPD teeth	11th week	Tooth selection for partial denture	Verifying the best types of teeth	Select proper type of teeth for each cases	Selection of teeth

Definitions, Components of dental surveyor, Uses of dental surveyor , Factors that determine path of placement and removal, Procedures for surveying the study cast.	12th week	SURVEYING	Factors that determine path of placement and removal	Procedures for surveying the study cast	SURVEYING the cast
Definition, TYPES OF UNDERCUTS, SIGNIFICANCE OF DESIRABLE	13th week	UNDERCUTS	Identify TYPES OF UNDERCUTS, SIGNIFICANCE OF DESIRABLE	Block out undercut	Identify undercut
Surveying,, Transfer the design, Block out and relief, Duplication, Waxing the, spruing , Burnout , Casting	14th week	LABORATORY PROCEDURES FOR FRAMEWORK CONSTRUCTION	Evaluate procedure for good framework construction	PROCEDURES FOR FRAMEWORK CONSTRUCTION	FRAMEWORK CONSTRUCTION