



COURSE OUTLINE

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Course Name: Removable Prosthetics 1

Department Head/Coordinator: Allan White

Effective Date: September 2014

School or Centre:		Department:	
School of Health Sciences		Denturist/Dental Technology Department	
Course History:		Year of Study:	
New Course		1st Year Post-secondary	
Name of Replacing Course (if applicable):	DENT 2002, DENT 2003	Course Number:	DENT 1240
		Number of Credits:	6.0

Course Pre-requisites (if applicable):

All semester one courses.

Course Co-requisites (if applicable):

DENT 1210 and DENT 1220

PLAR (Prior Learning Assessment & Recognition) No Yes (details below):

Course Description:

This theory and practice course builds on the knowledge, skills and techniques introduced in Dental Foundations in Semester One. The focus of this course is on removable prosthetic maintenance and the role of the dental technician as it relates to the oral health of the patient receiving a prosthetic. Included are laboratory skills of fabricating a complete denture, wrought wire, acrylic removable partial dentures and cast metal removable partial dentures; polishing and finishing complete and partial dentures and modifying, repairing, relining and rebasing removable prosthetics. Students are assessed to level 1 production proficiency standards.

Note to instructors: An instructional strategy is an approach that an instructor uses to achieve the learning outcomes (e.g., lecture, case study, video, group work).

Instructional Strategies:

Lectures, seminars, demonstrations, case study analysis, project work and practice in labs.

Course Learning Outcomes:

Upon successful completion of this course, the student will be able to:

1. Assess the properties of the dental materials used in this course, including principles of safety and manipulation.
2. Apply principles for repairing metal component of removable partial dentures, removable denture cracks and fractures and replacing teeth in dentures;
3. Demonstrate principles for relining and rebasing removable dentures;
4. Incorporate the concepts and principles relating to the design and fabrication of complete dentures with zero degree teeth;
5. Apply the concepts and principles relating to the fabrication of cast metal removable partial dentures
6. Design, fabricate, repair simple complete and removable denture;
7. Practice to current workplace health and safety standards including dental laboratory asepsis, and infection control;
8. Apply essential elements and skills of behavioural sciences, communications, professional ethics, legal obligations and business management to dental technology practice;
9. Make decisions that reflect critical thinking and problem solving;
10. Integrate pertinent theoretical knowledge and empirical data and information literacy skills to justify and/or revise services.

Program Learning Outcomes:

The graduate of the VCC Dental Technology program will have the skills and abilities to:

1. Design, fabricate, modify and repair removable oral/dental prostheses;
2. Design, fabricate, modify and repair fixed oral/dental prostheses;
3. Design, fabricate, modify and repair oral/dental appliances used in orthodontics, oral and maxillo-facial surgery and other dental treatments;
4. Integrate general knowledge of dental laboratory procedures, physics and chemistry principles, associated with the fabrication of oral appliances and dental restorations;
5. Assess the characteristics and properties of dental materials associated with the fabrication of oral appliances and dental restorations and make decisions about their appropriate application in practice;
6. Assess the characteristics and operation of equipment and special instrumentation associated with the fabrication of oral appliances and dental restorations and make decisions about their appropriate application in practice;
7. Assess the fundamental elements of dental anatomy, dental physiology, dental morphology and basic elements of oral pathological conditions and apply relevant knowledge to dental technology practice;
8. Practice to current workplace health and safety standards including dental laboratory asepsis, and infection control;
9. Apply essential elements and skills of behavioural sciences, communications, professional ethics, legal obligations and business management to dental technology practice;
10. Make decisions that reflect critical thinking and problem solving; integrate pertinent theoretical knowledge and empirical data and information literacy skills to justify and/or revise services.

Evaluation/Grading System *(Click on drop down box arrows to see list of options)*

Grading System	Specify if 'Other':	Specify Passing Grade:
Letter Grades		C+ 64%

Components and Weighting of the Assessment/Evaluation Plan: *(Click on drop down box arrows to see list of options)*

Type	Percentage	Evaluation Plan (provide a brief explanation for each component especially if value exceeds 35%):
Midterm Exam	35	Multiple choice, short and long answer
Assignments	30	written- case study
Final Exam	35	written exam multiple choice, short and long answer
Lab Work		Practical Projects (x5) Grade will be Satisfactory (S) or Unsatisfactory (U) utilizing competency rubrics
		Students must earn an "S" grade in all projects to pass this course
	Total	100

Learning Environment/Type *(Select all that are used within the course)*

Instruction Type	Hours Per Instruction Type	Comments
B - Lab (Computer, Chemistry...)	90	
L - Classroom	60	
E - Seminar	30	
Enter Total Hours	180	

Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

Course Topics and Sequence Covered:

Production proficiency Level 1
Concepts and principles relating to the fabrication of complete and removable partial dentures
Dental materials of removable dentures
Laboratory instruments and materials for removable denture fabrication
Concepts and principles relating to setting up complete denture
Fabrication of complete dentures with zero degree teeth
Wrought wire/acrylic removable partial dentures
Cast metal removable partial dentures
Correction of complete and removable denture

VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at:

<http://www.vcc.ca/about-vcc/policies/index.cfm>

To find out how this course transfers, visit the BC Transfer Guide at www.bctransferguide.ca.

FOR COMMITTEE USE ONLY

Date Approved by Education Council:		Date Approved by VCC Board (if applicable):	
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