



COURSE OUTLINE

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Course Name: Removable Prosthetics 3

Department Head/Coordinator: Allan White

Effective Date: September 2015

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| School or Centre: | Department: | |
| School of Health Sciences | Denturist/Dental Technology Department | |
| Course History: | Year of Study: | |
| New Course | 2nd Year Post-secondary | |
| Name of Replacing Course (if applicable): | Course Number: | DENT 2440 |
| | Number of Credits: | 8.0 |

Course Pre-requisites (if applicable):

All courses in semesters one, two and three.

Course Co-requisites (if applicable):

PLAR (Prior Learning Assessment & Recognition)

No Yes (details below):

Course Description:

In this course students will produce removable partial dentures with attachments and the repair, reline, rebase and extension of partial dentures. Pre-learned material is independently reviewed, studied and formally assessed through a written theory examination that supports success in practicum and on written licensing examinations after graduation.

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, 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. Discuss removable partial denture attachments and principles relating to their fabrication;
2. Review the principles related to the fabrication of removable dentures and relate these to complex and compound cases;
3. Describe principles relating to the combined fabrication of crowns with a cast partial denture;
4. Describe customizing complete and partial dentures related to patient's age, gender, race, vitality etc;
5. Discuss immediate dentures, overdentures and principles relating to their fabrication;
6. Describe dental implants and implant supported dentures, including principles relating to their fabrication;
7. Design and fabricate complex and compound cases for removable denture;
8. Design and fabricate CAD-CAM and Implant combination removable denture;
9. Discuss the repair, rebase, reline and maintenance of removable dentures;
10. Perform job production at industry proficiency level 3 standards.

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 (x3) 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...) | 180 | |
| L - Classroom | 45 | |
| E - Seminar | 15 | |
| | | |
| | | |
| Enter Total Hours | 240 | |

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:

Complex and compound removable partial and complete dentures
Immediate dentures, overdentures and dentures over implants
CAM-CAM design and fabrication removable and complete denture
Customizing removable and complete dentures
Complete dentures with soft liners
Removable partial denture attachments
Repair and maintenance

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.

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