COURSE OUTLINE

Please save a copy onto your computer before filling in the form

Course Name: Biosciences 2

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:**
Replacement Course	1st Year Post-secondary
Name of Replacing Course (if applicable): DENT 2001	**Course Number:** DENT 1210
	Number of Credits: 1.0

Course Pre-requisites (if applicable):

Semester one courses

Course Co-requisites (if applicable):

N/A

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

N/A

Course Description:

This course is designed to build on pre-learned oral histology and introduce principles of oral pathology. This will include decision-making about the relevance of clinical signs and symptoms and underlying cellular changes with an emphasis on pathologies of the orofacial region. Students will problem solve Temporomandibular Joint (TMJ) dysfunction and occlusal disorders as they apply to the design, fabrication, modification and repair of oral prostheses.

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:

Lecture, demonstration, class discussions, group work projects.

Course Learning Outcomes:

Upon successful completion of this course, the student will be able to:
1. Describe dental anatomical variations, TMJ disorders and basic oral pathological conditions and diseases affecting the oral cavity;
2. 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;
3. Make decisions that reflect critical thinking and problem solving;
4. 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%):
Exam	30	Written exam: Multiple Choice (MC), case-based short & long answer
Midterm Exam	35	Written exam: Multiple Choice (MC), case-based short & long answer
Final Exam	35	Written MC , case based answers- slide identification bell ringer (OSCE)
Total	**100**	

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

Instruction Type	Hours Per Instruction Type	Comments
L - Classroom	24	
B - Lab (Computer, Chemistry...)	6	
Enter Total Hours	**30**	

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:

Oral Pathology:
- Terminology
- Diagnosis and clinical decision-making strategies
- Histological and clinical aspects of common oral pathologies
- Dental treatment

TMJ dysfunction and occlusal disorder:
- Static occlusion relationships and classifications
- Occlusal and TMJ Disorder

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)**:	