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## DENT 1270: Dental Laboratory Patient Care 2

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### EFFECTIVE DATE

September 2021

### DEPARTMENT

Dental Tech

### DESCRIPTION

This course builds on the knowledge and skills acquired from Dental Laboratory Patient Care 1. Students will continue to develop their abilities to operate in a safe and competent manner in a dental laboratory environment. Students will learn about intra and extra oral photographing of patients to assist in the technical treatment planning. Students will also learn to perform clinical laboratory procedures (preliminary impression taking and tooth shade matching) in a competent manner.

### CREDITS

1.0

### YEAR OF STUDY

1st Year Post-secondary

### PREREQUISITES

DENT 1100 Dental Technology Foundations DENT 1110 Biosciences 1 DENT 1130 Professional Practice 1 DENT 1170 Dental Laboratory Patient Care 1 DENT 1180 Digital Technology 1

### COREQUISITES

None

### COURSE LEARNING OUTCOMES

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

- Engage a patient in the informed consent process.
- Conduct and review a patient medical history and dental history.
- Apply cultural competence to practice when providing services to patients.
- Demonstrate skills in taking intra oral and extra oral photographs of patients to support the design, fabrication or repair of dental restorations and appliances.
- Demonstrate competency in safely and effectively taking analogue and digital dental impressions.
- Demonstrate tooth shade matching.

## PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

## HOURS

Lecture: 5

Lab: 25

## INSTRUCTIONAL STRATEGIES

Demonstration, simulation, lab work, role play, case scenarios and online

## GRADING SYSTEM

Letter Grade (A-F)

## PASSING GRADE

C+ (64%) and (S) Satisfactory Grade for all Lab Works

## EVALUATION PLAN

| Type          | Percentage   | Assessment activity   |
|---------------|--------------|---|
| Quizzes/Tests | 20           | 2 quizzes (10% each)  |
| Final Exam    | 25           | Accumulative (all units)  |
| Assignments   | 45           | 3 assignments (15% each): (1) Analogue dual arch dental impression; (2) Digital dual arch impression; (3) Custom sports guard<br>Note:<br>Rubrics for Assignments #1 & 2 are based on corresponding course topics.<br>Demonstrating awareness and applying best practice of "Cultural Competencies" are assessed in the rubrics for assignments 1 and 2.<br>Students are introduced to "Sociocultural Competencies" training in DENT 1130 Professional Practice 1 |
| Lab Work      | Satisfactory | Practical Projects  |

|               |    |  |
|---------------|----|--|
| Participation | 10 |  |
|---------------|----|--|

## COURSE TOPICS

- Anatomy of oral cavity and custom sports guard function
- Analogue dental impressions, including: (Simulation).
  - patient informed consent process
  - conducting and reviewing patient medical history and dental history.
  - applying cultural competence
- Digital dental impressions, including: (Simulation).
  - patient informed consent process
  - conducting and reviewing patient medical history and dental history.
  - applying cultural competence
- Design, fabrication and final insert of a custom sports guard
- Intra-oral Photography and tooth shade matching

## LEARNING RESOURCES

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

Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:  
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

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**Broadway campus**  
1155 East Broadway  
Vancouver, B.C. Canada  
V5T 4V5

**Downtown campus**  
250 West Pender Street  
Vancouver, B.C. Canada  
V6B 1S9

**Annacis Island campus**  
1608 Cliveden Avenue  
Delta, B.C. Canada  
V3M 6P1

604.871.7000  
**VCC.ca**

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