

## OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

<b>Course Code and Number:</b> DENT 137		<b>Number of Credits:</b> 1.5															
<b>Course Full Title:</b> Lab Procedures and Prosthodontics																	
<b>Course Short Title:</b> Lab Procedures/Prosthodontics																	
<b>Faculty:</b> Faculty of Health Sciences		<b>Department:</b> Health Studies															
<b>Calendar Description:</b> Comprised of independent reading and study, lab and classroom instruction/activities, and a three-hour interactive workshop on impression materials and fabrication of single-unit provisional restorations. This course is designed to provide information and practical experiences related to basic and dental laboratory procedures, materials and equipment. Included are indications, procedural guidelines, and the CDA's role in fixed and removable prosthodontics.																	
<b>Prerequisites (or NONE):</b>		Admission to the Certified Dental Assistant certificate.															
<b>Corequisites (if applicable, or NONE):</b>																	
<b>Pre/corequisites (if applicable, or NONE):</b>																	
<b>Antirequisite Courses</b> <i>(Cannot be taken for additional credit.)</i> Former course code/number: Cross-listed with: Dual-listed with: Equivalent course(s): <i>(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)</i>		<b>Special Topics</b> <i>(Double-click on boxes to select.)</i> This course is offered with different topics: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, topic will be recorded when offered.)</i>															
		<b>Independent Study</b> If offered as an Independent Study course, this course may be repeated for further credit: <i>(If yes, topic will be recorded.)</i> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, repeat(s) <input type="checkbox"/> Yes, no limit															
<b>Typical Structure of Instructional Hours</b> <table border="1"> <tr> <td>Lecture/seminar hours</td> <td>30</td> </tr> <tr> <td>Tutorials/workshops</td> <td></td> </tr> <tr> <td>Supervised laboratory hours</td> <td></td> </tr> <tr> <td>Experiential (field experience, practicum, internship, etc.)</td> <td></td> </tr> <tr> <td>Supervised online activities</td> <td></td> </tr> <tr> <td>Other contact hours:</td> <td></td> </tr> <tr> <td><b>Total hours</b></td> <td><b>30</b></td> </tr> </table>		Lecture/seminar hours	30	Tutorials/workshops		Supervised laboratory hours		Experiential (field experience, practicum, internship, etc.)		Supervised online activities		Other contact hours:		<b>Total hours</b>	<b>30</b>	<b>Transfer Credit</b> Transfer credit already exists: <i>(See <a href="http://bctransferguide.ca">bctransferguide.ca</a>.)</i> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Submit outline for (re)articulation: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <i>(If yes, fill in transfer credit form.)</i>	
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		<b>Grading System</b> <input checked="" type="checkbox"/> Letter Grades <input type="checkbox"/> Credit/No Credit															
		<b>Maximum enrolment (for information only):</b> 24 <b>Expected Frequency of Course Offerings:</b> Fall only <i>(Every semester, Fall only, annually, etc.)</i>															
<b>Department / Program Head or Director:</b> Cindy Shultz		<b>Date approved:</b> November 2020															
<b>Faculty Council approval</b>		<b>Date approved:</b> November 27, 2020															
<b>Dean:</b> Alastair Hodges		<b>Date approved:</b> November 27, 2020															
<b>Campus-Wide Consultation (CWC)</b>		<b>Date of posting:</b> February 5, 2021															
<b>Undergraduate Education Committee (UEC) approval</b>		<b>Date of meeting:</b> February 26, 2021															

Labs to be scheduled independent of lecture hours: ☒ No ☐ Yes

**Learning Outcomes:**

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

- Describe lab equipment, organization, safety and maintenance.
- Describe the types and uses of different dental impression materials.
- Examine the types of dental cements and their uses.
- Create dental laboratory products.
- Explain the types, fabrication, function and care of various fixed prosthodontics.
- Explain the types, fabrication, function and care of removable prosthodontics.

**Prior Learning Assessment and Recognition (PLAR)**

☐ Yes ☒ No, PLAR cannot be awarded because course completion is specific to UFV CDA program graduation requirements.

**Typical Instructional Methods**

Lecture, demonstration, small and large group discussions, videos, blended course delivery.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** *(If more space is required, download Supplemental Texts and Resource Materials form.)*

Author (surname, initials)	Title (article, book, journal, etc.)	Current ed.	Publisher	Year
1. Bird, D.L. & Robinson, D.S.	Modern Dental Assisting 13th ed.	<input checked="" type="checkbox"/>	Elsevier	2020
2. Bird, D.L. & Robinson, D.S.	Modern Dental Assisting Workbook 13th ed.	<input checked="" type="checkbox"/>	Elsevier	2020
3.	DENT 137 Course Pack			

**Typical Evaluation Methods and Weighting**

Final exam:	60%	Assignments:	25%	Field experience:	%	Portfolio:	%
Midterm exam:	%	Project:	%	Practicum:	%	:	%
Quizzes/tests:	15%	Lab work:	%	Shop work:	%	Total:	100%

**Details (if necessary):****Typical Course Content and Topics**

## Laboratory Equipment and safety

- Laboratory equipment
- Maintenance
- Organization
- Safety

## Impression materials

- Hydrocolloid impressions
- Elastomeric impressions
- Impression material uses
- Types of impression trays; procedures used

## Lab materials and procedures

- Study models
- Gypsum; pouring, trimming, finishing
- Custom impression trays
- Mouthguards
- Bleach trays
- Dental waxes and uses

## Removable prosthodontics

- Types of dentures
- Fabrication of dentures
- Care of dentures

## Fixed prosthodontics

- Types of fixed prosthodontics
- Fabrication and function of various fixed prosthodontics
- Care of fixed prosthodontics

## Dental cements

- Luting cements
- Temporary and permanent cements and procedures