



ORIGINAL COURSE IMPLEMENTATION DATE: January 1994  
 REVISED COURSE IMPLEMENTATION DATE: January 2022  
 COURSE TO BE REVIEWED (six years after UEC approval): April 2027  
 Course outline form version: 05/18/2018

## 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 140		<b>Number of Credits:</b> 4															
<b>Course Full Title:</b> Dental Specialties <b>Course Short Title:</b> Dental Specialties																	
<b>Faculty:</b> Faculty of Health Sciences		<b>Department:</b> Health Studies															
<b>Calendar Description:</b> Students will acquire foundational knowledge related to the disciplines of dentistry including pediatrics, endodontics, orthodontics, oral and maxillofacial surgery, and geriatrics. Basic concepts, procedures, armamentarium, supplies, and equipment unique to each specialty will be explored.																	
<b>Prerequisites (or NONE):</b>		DENT 130, DENT 131, DENT 132, DENT 134, DENT 136, DENT 137, and DENT 150.															
<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>72</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>72</b></td> </tr> </table>		Lecture/seminar hours	72	Tutorials/workshops		Supervised laboratory hours		Experiential (field experience, practicum, internship, etc.)		Supervised online activities		Other contact hours:		<b>Total hours</b>	<b>72</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> Winter only <i>(Every semester, Fall only, annually, etc.)</i>															
<b>Director:</b> Cindy Schultz		<b>Date approved:</b> February 2021															
<b>Faculty Council approval</b>		<b>Date approved:</b> March 1, 2021															
<b>Dean:</b> Alastair Hodges		<b>Date approved:</b> March 1, 2021															
<b>Campus-Wide Consultation (CWC)</b>		<b>Date of posting:</b> April 9, 2021															
<b>Undergraduate Education Committee (UEC) approval</b>		<b>Date of meeting:</b> April 23, 2021															

**Learning Outcomes**

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

- Compare the disciplines of endodontics, pedodontics, orthodontics, oral surgery and geriatric dentistry.
- Describe basic principles of each dental discipline.
- Describe diagnostic, preventative, restorative, emergency and other common and unique procedures in each discipline.
- Select and assemble armamentarium, supplies, and medicaments for specialized dental procedures.
- Describe properties, uses and handling of materials specific to each dental specialty.
- Categorize orthodontic appliances.
- Differentiate between types of dental implants.
- Simulate safe and effective suture removal.
- Describe support procedures in dental disciplines including procedural or appointment modifications.
- Assist with specialty procedures (simulation or case study).

**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, guest speakers, 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. and Robinson, D.S.	Modern Dental Assisting 13th ed.	<input checked="" type="checkbox"/>	Elsevier	2021
2. Bird, D.L. and Robinson, D.S.	Modern Dental Assisting Workbook 13th ed.	<input checked="" type="checkbox"/>	Elsevier	2021
3. Boyd, L. R.	Dental Instruments: A Pocket Guide 7th ed.	<input checked="" type="checkbox"/>	Elsevier	2021

**Required Additional Supplies and Materials**

- DENT 140 course pack
- Kilgore magnetic dental model and tooth preps

**Typical Evaluation Methods and Weighting**

Final exam:	25%	Assignments:	35%	Field experience:	%	Portfolio:	%
Midterm exam:	%	Project:	%	Practicum:	%	:	%
Quizzes/tests:	40%	Lab work:	%	Shop work:	%	Total:	100%

**Details:****Typical Course Content and Topics****Pediatric Dentistry**

- Basic principles of pediatric dentistry
- Diagnostic procedures in pediatric dentistry
- Preventive procedures in pediatric dentistry
- Restorative, pulpal and stainless-steel crown procedures in pediatric dentistry
- Preventive orthodontic, oral surgery and emergency procedures in pediatric dentistry
- Patient management in pediatric dentistry
- Assisting with pediatric dentistry procedures

**Geriatric Dentistry**

- Basic principles of geriatric dentistry
- Support procedures for geriatric treatment
- Modifications to dental treatment of geriatric patients with common medical conditions
- Modifications to dental treatment for geriatric patients
- Assisting with geriatric dentistry

**Oral and Maxillofacial Surgery**

- Basic principles of oral and maxillofacial surgery
- Surgical armamentarium
- Support procedures for surgical procedures
- Common surgical procedures
- Dental implants
- Simulate suture removal

- Assisting with surgical procedures

**Endodontics**

- Basic principles of endodontics
- Diseases of the pulp and periapical tissues
- Endodontic armamentarium, materials and supplies
- Diagnostic procedures
- Root canal and emergency endodontic procedures
- Vital pulp therapies
- Support procedures in endodontics
- Assisting in endodontics

**Orthodontics**

- Basic principles of orthodontics
- Orthodontics appliances, materials
- Orthodontic armamentarium
- Diagnostic procedures
- Common orthodontic procedures
- Support procedures in orthodontics
- Assisting in orthodontics