

DENT90055 Endodontics and Restorative Dentistry

Credit Points:	12.50						
Level:	9 (Graduate/Postgraduate)						
Dates & Locations:	2010, Hawthorn This subject commences in the following study period/s: Semester 1, Hawthorn - Taught on campus. Semester 2, Hawthorn - Taught on campus. Intensive Mode						
Time Commitment:	Contact Hours: 264 hours of lectures/seminars/workshops: Total Time Commitment: In addition to face-to-face teaching time of 264 hours, students should expect to undertake a minimum of 275 hours research, reading, writing and general study to complete this subject successfully.						
Prerequisites:	To satisfy the requirements of this subject, students must firstly complete this subject: <table border="1" data-bbox="387 633 1485 781"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>DENT90054 General Dentistry Theory</td> <td>Semester 1, Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	DENT90054 General Dentistry Theory	Semester 1, Semester 2	12.50
Subject	Study Period Commencement:	Credit Points:					
DENT90054 General Dentistry Theory	Semester 1, Semester 2	12.50					
Corequisites:	nil						
Recommended Background Knowledge:	nil						
Non Allowed Subjects:	nil						
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements of this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/						
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Subject Overview:	The subject is comprised of two sections: Section 1 – Restorative Dentistry <ul style="list-style-type: none"> • Direct restorations • Minimal invasive dentistry • Bonded restorations • Dental Materials Section 2 – Endodontics <ul style="list-style-type: none"> • Basic endodontic theory • Treatment planning • Medicaments used in endodontics • Treatment – preparation/obturation/restoration • Radiology • Nickel titanium endodontics • Management of trauma 						
Objectives:	The subject objectives are: Section 1 – Restorative Dentistry <ol style="list-style-type: none"> 1. to demonstrate a clear understanding of the role of dental occlusion in restorative dentistry 2. to identify, use and maintain rotary and hand cutting instruments 						

	<ol style="list-style-type: none"> 3. to competently perform thorough clinical examinations 4. to demonstrate treatment planning skills including the sequencing of treatment according to phases 5. to demonstrate skills in manipulating basic dental materials 6. to identify the advantages and disadvantages of materials when considering size, shape, fit and adaptation of materials for production of dental appliance 7. to define and articulate the effects of preparation design on the strength of the tooth and its longevity, and the principles of minimal intervention. 8. to explain the reaction of the dental pulp to the placement of a restoration and describe the common methods employed to protect injury to the dental pulp 9. to explain the principles of how dental materials are developed, trialed and ratified for use in clinical practice 10. to recognize the legal implications of clinical practice 11. to apply the fundamentals of tooth preparation and design criteria for cast restorations 12. to explain the nature, structure, properties and evaluation of metals, ceramics, polymers and composites 13. to describe the principles of cavity preparation and design for the treatment of minimal and extensive cavities for direct restorative materials. <p>Section 2 – Endodontics</p> <ol style="list-style-type: none"> 1. to perform pulp sensibility tests and prescribe and/or perform other special tests where appropriate for clinical care 2. to understand and manage pain during and after endodontic treatment 3. to describe the practice of specialist endodontists 4. to be able to assess and describe when to refer patients for specialist treatment 5. to assess the complexity of endodontic treatment needs prior to commencing treatment 6. to manage dental emergencies and in particular pain related to pulp and periodicals diseases. 7. to perform basic and appropriate clinical endodontic treatment.
Assessment:	<p>Assessment for Section 1 – Restorative Dentistry (50% of total marks for the subject)• Mid-semester and end-of-semester simulated clinical practice exam on phantom head including viva voce (20% each);• 1000 word assignment due mid-semester (10%)</p> <p>Assessment for Section 2 – Endodontics (50% of total marks for the subject)• Mid-semester and end-of-semester simulated clinical practice exam on phantom head including viva voce (15% each);• Mid-semester and end-of-semester 1 hour written examination (10% each).</p>
Prescribed Texts:	nil
Recommended Texts:	Please refer to www.mccp.unimelb.edu.au (http://www.mccp.unimelb.edu.au/)
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>Students who successfully complete this subject should have:</p> <ul style="list-style-type: none"> • Understanding of general dental practice in Australia
Links to further information:	http://www.mccp.unimelb.edu.au/courses/specialisations/clinical_dentistry
Related Course(s):	Graduate Certificate in Clinical Dentistry