

DENT90071 Preclinical Dental Practice 4

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: July, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 128 Total Time Commitment: 160 total hours: 128 contact, 32 non-contact
Prerequisites:	Successful completion of all Teaching Blocks 1 and 2 (Semester 1) 2nd year DDS subjects.
Corequisites:	None.
Recommended Background Knowledge:	None.
Non Allowed Subjects:	N/A.
Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
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Subject Overview:	This subject covers the principles, techniques and materials used in the practice of the specialty areas of fixed prosthodontics and endodontics. Students will attend a series of lectures and comprehensive practical classes on each of these dental specialties.
Objectives:	On completion of this subject students should be able to: <ol style="list-style-type: none"> 1 recognise basic endodontic instruments and use them appropriately; 2 identify patent pulp chambers and canals by means of knowledge of pulpal anatomy and radiographic interpretation; 3 recognise canal systems with extreme curvatures, calcifications and other complicating anatomical features; 4 appropriately prepare access cavities for all tooth categories; 5 correctly determine working length; 6 prepare uncomplicated root canals for all tooth categories using rotary NiTi instruments; 7 Identify and properly discard rotary NiTi files that are no longer safe to use; 8 understand the modes of rotary NiTi file fracture; 9 minimise the risk of file fracture; 10 adequately fill uncomplicated root canals of all tooth categories using the matched taper cone and the lateral compaction technique;

	<ul style="list-style-type: none"> 11 identify, prevent and manage procedural errors that may occur during endodontic treatment; 12 self-assess the quality of the endodontic treatment performed; 13 summarise the terminology and nomenclature of endodontics and fixed prosthodontics essential for basic dental science; 14 comprehend appraisal of the patient requiring fixed prosthodontic work and/or endodontic treatment; 15 develop clinical psychomotor skills in tooth preparation for endodontics and fixed prosthodontics; 16 discuss and review clinical and laboratory steps involved in construction of different fixed prostheses; 17 discuss CAD/CAM dentistry and its relevance to current modern day fixed prosthodontics.
Assessment:	1 x 3 hour practical exam on fixed prosthodontics at the end of Block 3 (20%) 1 x 3 hour practical exam on endodontics at the end of Block 3 (20%) 1 x 2 hour written paper on fixed prosthodontics and endodontics at the end of Block 4 (20%) 1 x 3 hour practical exam on fixed prosthodontics at the end of Block 4 (20%) 1 x 3 hour practical exam on endodontics at the end of Block 4 (20%).
Prescribed Texts:	Shillingburg HT et al 1997 Fundamentals of Fixed Prosthodontics 3rd ed, Quintessence Publishing Walsch H 2004 The Hybrid Concept of Nickel-titanium Rotary Instrumentation Dental Clinics of North America 48, 183-202 Walton RE, Torabinejad M 2008 Endodontics: Principles and Practice 4th ed, WB Saunders Young GR, Parashos P, Messer H 2007 The Principles of Techniques for Cleaning Root Canals, Australian Dental Journal 52, S52-63
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 should:</p> <ul style="list-style-type: none"> 1 be able to access new knowledge from different sources, analyse and interpret it in a critical manner that can be applied to the clinical situation; 2 develop skills in effective communication with teaching staff and peers; 3 develop effective organisational skills and time management; 4 develop skills in teamwork and develop skills of workplace safety.