

511-422 Dental Practice 4

Credit Points:	100.000
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: , - Taught on campus.
Time Commitment:	Contact Hours: Up to 368 hours. Lectures, seminars, tutorials (including problem or topic oriented classroom-based tutorials, structured professional and procedural skills sessions and chairside tutorials) and pre-clinical exercises (including student-centred learning, problem-based learning and computer-assisted learning, laboratory and clinical work/activities, participation in outpatient clinics, operating theatre sessions and meetings and independent clerking patients on medical and surgical wards, treatment of advanced periodontal and gerodontic patients), multimedia teaching/learning. Total Time Commitment: Not available
Prerequisites:	Successful completion of all Year 3 subjects.
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
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>
Coordinator:	Dr Ivan Darby
Subject Overview:	<p>This subject comprises five modules.</p> <p><i>Restorative Dentistry:</i> General practice - enhancement of clinical skills; implant dentistry - role of implants in treatment planning; endodontics and fixed prosthodontics.</p> <p><i>Growth and Development:</i> Orthodontics - recognition of normal and aberrant growth; skeletal and occlusal patterns; diagnosis of malocclusion, treatment planning and biomechanics of tooth movement; Paediatric Dentistry - effects of physical and psychological growth and development on dental health and treatment of the child; diagnosis and treatment planning for the child. Special Needs Dentistry - short series of lectures on topics including management of the compromised elderly patient, and two clinical sessions.</p> <p><i>Oral Medicine, Pathology and Surgery:</i> Oral Medicine and Oral and Maxillofacial Surgery; Oral Pathology and Oral Radiology.</p> <p><i>Oral Health Sciences:</i> Community Dental Health - the institutions involved in delivery of dental care in Australia and issues related to the dental workforce; application of behavioural sciences to management of common psychological and psychosocial features in dental practice; Cariology and Prevention - a short series of lectures; Periodontics - treatment of severe periodontal cases following on from treatment undertaken in earlier years.</p> <p><i>Advanced Dental Study 1:</i> Background research and literature reviews of a research project which can be undertaken in any of the above areas (in italics).</p>
Assessment:	(1) Restorative Dentistry: Continuing assessment of pre-clinical and clinical work in endodontics and fixed prosthodontics throughout the year; a practical examination of no longer than three hours covering endodontics at the end of the February intensive teaching period; a practical examination of no longer than three hours in prosthodontics at the end of Semester 1. (A pass

	<p>in each of the practical examinations is required to be able to proceed to clinical practice in Semester 2.) One clinical examination of no longer than 3 hours in general practice dentistry during Semester 2 and continuing clinical assessment throughout the year; one 2-hour written examination at the end of Semester 2; an integrated multiple station Objective Structured Clinical Examination (OSCE) of no more than 20 minutes at the end of Semester 2. (2) Growth and Development: Continuing assessment of pre-clinical and clinical work; one 2-hour written examination at the end of Semester 2; an integrated multiple station OSCE of no more than 20 minutes at the end of Semester 2. (3) Oral Medicine, Pathology and Surgery: Continuing internal assessment consisting of four problem-based multimedia short answer tests of one hour each; One 2-hour written examination at the end of Semester 2; a viva voce examination of no more than 30 minutes at the end of Semester 2; an integrated multiple station (OSCE) of no more than 20 minutes at the end of Semester 2. (4) Oral Health Sciences: One 2-hour written examination at the end of Semester 2; continuing clinical and written assessment; one 30-minute case presentation; an integrated multiple station OSCE of no more than 20 minutes at the end of Semester 2. (5) Advanced Dental Study 1: Assessment (pass/fail) will be conducted at the end of Semester 2 and will be based on an oral presentation of a literature review related to the research project. A pass in each of Sections 1, 2, 3 and 4 is the required pass for an overall pass in Dental Practice 4. Students will be permitted to proceed to clinical work only after having satisfactorily completed the pre-clinical units.</p>
Prescribed Texts:	None
Recommended Texts:	<p>Restorative Dentistry Module :</p> <p><i>General Practice :</i></p> <p>Figures KH and Lamb DJ 1995 <i>Primary and Emergency Dental Care: A Practitioner's Guide</i>, Butterworth-Heinemann Medical</p> <p>Hackshaw AK, Paul EA and Davenport ES 2006 <i>Evidence-Based Dentistry - An Introduction</i>, Blackwell Munksgaard</p> <p>Mitchell DA, Mitchell L and Natress B 1999 <i>Oxford Handbook of Clinical Dentistry</i>, 3rd ed, Oxford</p> <p>Mount GJ and Hume RW 2005 <i>Preservation and restoration of tooth structure</i>, 2nd ed, KBS Publishing, Brisbane</p> <p>Mount GJ 2002 <i>An Atlas of Glass-Ionomer Cements: A Clinician's Guide</i>, 3rd ed, Thieme Medical Pub.</p> <p>Dental Practice Board of Victoria http://www.dentprac.vic.gov.au/info.asp</p> <p>(Note: this web site is regularly updated)</p> <p><i>Endodontics :</i></p> <p>Walton RE and Torabinejad M 1995 <i>Principles and Practice of Endodontics</i> 2nd ed, Saunders</p> <p><i>Fixed Prosthodontics :</i></p> <p>Dykema RW, Goodacre CJ and Phillips RW 1986 <i>Johnston's Modern Practice in Fixed Prosthodontics</i> 4 th ed, Saunders</p> <p>Kantorowicz GF (ed) 1993 <i>Inlays, Crowns and Bridges: A Clinical Handbook</i> 5th ed, Wright</p> <p>Roberts DH 1980 <i>Fixed Bridge Prosthodontics</i> 2nd ed, Wright</p> <p>Rosenstiel ST, Land MF and Fujimoto J 2006 <i>Contemporary Fixed Prosthodontics</i>, 4th ed, Mosby</p> <p>Shillingburg, HT, Hobo A and Whitsett, LD 1994 <i>Fundamentals of Fixed Prosthodontics</i> 3rd ed, Quintessence</p> <p><i>Removable Prosthodontics :</i></p>

Davenport JC, Basker RM, Heath JR and Ralph JP **1988A Colour Atlas of Removable Partial Dentures** Wolfe Medical

Grant AA and Johnson W **1992Removable Denture Prosthodontics** 2nd ed, Churchill Livingstone

Johnson DL and Stratton RJ **1980Fundamentals of Removable Prosthodontics** Quintessence

MacGregor AR **1989Fenn, Liddelow and Gimson's Clinical Dental Prosthetics** 3rd ed, Wright

Renner RP and Boucher LJ **1987Removable Partial Dentures** Quintessence

Zarb GA, Boucher CO, Hickey JC and Bolender CL **1990Boucher's Prosthodontic Treatment for**

Edentulous Patients 10th ed, Mosby

Implants :

Worthington P, Lang BR and Rubenstein, JE **2003 Osseointegration in Dentistry: An Overview,**

Quintessence

Growth and Development Module

Orthodontics :

Athanasiou AE **1995 Orthodontic Cephalometry** Mosby

Graber TM, Rakosi T and Petrovic AG **1985Dentofacial Orthopedics with Functional Appliances**

Mosby

Houston WJB, Stephens CD and Tulley WJ **1992A Textbook of Orthodontics** 2nd ed, Butterworth-

Heinemann

Moyers RE **1988Handbook of Orthodontics for the Student and General Practitioner** 4th ed, Year

Book Medical Publishers

Profitt WR, Fields HW, Ackerman JL, Sinclair PM, Thomas PM and Tulloch JFC **2000**

Contemporary Orthodontics 3rd ed, Mosby

Paediatric Dentistry :

Cameron A and Widmer R **2003Handbook of Pediatric Dentistry** 2nd ed, Mosby Wolfe

Shaw L (ed) **994 Self Assessment Picture Tests in Dentistry: Pediatric Dentistry** Wolfe

McDonald RE, Avery DR and Dean JA **2004Dentistry for the Child and Adolescent** 8th ed, Mosby

Rugg-Gunn A and Nunn J **1999 Nutrition, Diet and Oral Health** Oxford Med Publ

Scully CM and Welbury R **1994 Color Atlas of Oral Diseases in Children and Adolescents** Wolfe

Special Needs Dentistry :

Little JW, Falace DA, Miller CS and Rhodus NL **1997Dental Management of the Medically Compromised Patient** 5th ed, Mosby

Thornton JB and Wright JT (eds) **1989Special and Medically Compromised Patients in Dentistry**

Year Book Medical Publishers

Oral Medicine, Pathology and Surgery Module

Howe GL **1985***Minor Oral Surgery* 3rd ed, Wright
 Howe GL **1990***The Extraction of Teeth* 2nd ed, Wright
 Scully CM and Cawson RA **1993** *Medical Problems in Dentistry* 3rd ed, Wright
 Seward GR, Harris M and McGowan DA **1987***Killey and Kay's Outline of Oral Surgery* Vols 1 &
 2, 2nd ed, Wright
 Soames JV and Southam JC **1998***Oral Pathology* 3rd ed, Oxford University Press
 Wray D, Lowe GD, Dagg SH, Felix DH and Scully C **1999** *Textbook of General and Oral Medicine*
 Churchill Livingstone

Surgery :

Dudley HAF and Waxman B (eds) **1989***An Aid to Clinical Surgery* 4th ed, Churchill Livingstone
 Liechty RD and Soper RT **1989***Fundamentals of Surgery* 6th ed, Mosby

Oral Health Sciences Module

Community Dental Health :

Ministerial Review of Dental Services in Victoria1986 Vic Govt Print Office
 Burt BA and Eklund SA **1992***Dentistry, Dental Practice and the Community* 4th ed, Saunders

Geriatric Dentistry :

Holm-Pedersen P and Løe H **1996***Textbook of Geriatric Dentistry* 2nd ed, Munksgaard

Periodontics :

Takei H, Newman MG and Carranza FA Jr **2002***Carranza's Clinical Periodontology* 9th ed, Saunders

OR

Lindhe J, Kagging T and Lang N **2003***Clinical Periodontology and Implant Dentistry* 4th ed, Munksgaard

OR

Wilson TG and Kornman KS **2002** *Fundamentals of Periodontics* Quintessence

Preventive Dentistry :

Murray JJ (ed) **1996** *Prevention of Oral Disease* 3rd ed, Oxford University Press
 Nizel AE **1989***Nutrition in Preventive Dentistry: Science and Practice* Saunders
 Wahlqvist ML (ed) **1988***Food & Nutrition in Australia* 3rd ed, Nelson

Cariology :

Newbrun E **1989***Cariology* 3rd ed, Quintessence
 Thylstrup A and Fejerskov O **1994***Textbook of Clinical Cariology* 2nd ed, Munksgaard

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:

- # Professional communication
- # Critical analysis and decision making
- # Advocacy

	<ul style="list-style-type: none"># Counselling# Psychomotor coordination# Observation# Leadership and teamwork# Planning and organisation# Time management# Problem solving# Measurement and recording of research data
Links to further information:	http://www.unimelb.edu.au/HB/2008/subjects/511-422.html
Related Course(s):	Bachelor of Dental Science