DENT90066 Oral Structure and Function 2

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: 95 Total Time Commitment: Total of 127 hours: 95 contact, 32 non-contact
Prerequisites:	Successful completion of 1st Year Teaching Blocks 1 and 2 (Semester 1) DDS subjects.
Corequisites:	None.
Recommended Background Knowledge:	None.
Non Allowed Subjects:	N/A.
Core Participation Requirements:	For the purposes of considering request 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 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/
Coordinator:	Assoc Prof Menaka Abuzar
Contact:	Melbourne Dental School 4th floor, 720 Swanston Street Telephone: +61 9341 1500 Email: **enquiries@dent.unimelb.edu.au (mailto:enquiries@dent.unimelb.edu.au)** http://www.dent.unimelb.edu.au/
Subject Overview:	This subject is a continuation of Oral Structure and Function 1. It will be conducted as a preclinical subject and has the following components: radiography and radiology, neuroscience, growth and development of orofacial structures, occlusion and complete dentures. Student learning will include: the importance of growth phases and the influence this has on provision of dental treatment in the specialties of paediatric dentistry and orthodontics; dental radiology; dental radiographoc techniques and interpretation of radiographs; the relationship of the jaws, teeth and muscles of mastication from the aspect of relating human function to mechanical articulators; the occlusion of the teeth in a patient and how it can be reproduced through the construction of plaster casts and placement on a dental articulator. The specialty of Prosthodontics will commence in Teaching Block 4 and will cover the changes of orofacial structures that occur after tooth loss and how these affect function and the construction of complete dentures.
Objectives:	On completion of this subject, students should be able to: 1 discuss the macroscopic structure of the nervous system and the functional components of the nervous system including their organisation as it relates to dentistry; 2 summarise the terminology and nomenclature of oral anatomy essential for basic dental science; 3 accurately produce radiographs and other non-invasively produced images of the jaws, facial skeleton and temporo-mandibular joint, on manikins; 4 interpret and critique radiographs and other non-invasively produced images of the jaws, facial skeleton and temporo-mandibular joint; 5 analyse different occlusal relationships of the natural dentition;

	6 analyse the growth stages (general, facial, dental) to distinguish normal from abnormal patterns and their relationship to provision of dental care; 7 build on previous knowledge and be able to analyse implications of tooth loss; 8 comprehend appraisal of the patient requiring removable complete dentures; 9 discuss and review clinical and laboratory steps involved in construction of complete dentures; 10 develop laboratory technical skills of contruction of complete dentures.
Assessment:	Radiology practical log books (5%); 2 x 15 minute OSCE-based removable prosthodontic clinical scenarios during Teaching Block 4 (10%); 1 x 3 hour practical examination on removable prosthodontics and occlusion at the end of Teaching Block 4 (20%); Attendance at CAL and laboratory sessions (5%); 1 x 3 hour written exam on radiology, removable prosthodontics, growth studies and occlusion. at the end of Teaching Block 4 (60%). Formative Feedback: 10 minute MCQ test on Radiology and Neuroscience at the end of Block 3.
Prescribed Texts:	Basker RM, Davenport JC (eds) 2002 Prosthetic treatment of the edentulous patient, Oxford: Blackwell Munksgaard Berkovitz BKB, Holland GR, Moxham BJ (eds) 2009 A Colour Atlas and Text of Oral Anatomy, Histology and Embryology, 4th edn, Mosby, St Louis Carr AB, McGiveny GP, Brown DT (eds) 2005 McCracken's Removable Partial Prosthodontics, 11th ed, St Louis, Mosby Davenport JC, Basker RM, Heath JR, Ralph JR, Glantz PO (eds) 2000 A Clinical Guide to Removable Partial Denture Design, 3rd ed, British Dental Journal, London Zarb GA, Bolender CL (eds) 2004 Prosthodontic treatment for edentulous patients: complete dentures and implant-supported prostheses, 12th edn, Mosby, St Louis.
Recommended Texts:	None.
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:	Students should: 1 be able to access new knowledge from different sources, analyse and interpret it in a critical manner; 2 develop skills in effective communication with teaching staff and peers; 3 develop effective organisational skills and time management; 4 develop skills in team work and develop skills of workplace safety; 5 be able to identify and address their own learning needs.
Related Course(s):	Doctor of Dental Surgery