

DENT90066 Oral Structure and Function 2

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: July, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 148 hours (108 contact, 40 non-contact) Total Time Commitment: Not available
Prerequisites:	Successful completion of Teaching Blocks 1 and 2 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
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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 neuroscience (the structure and function of the brain, nervous system) in dentistry with the sense of taste and pathways of pain; dental radiology; dental radiographic 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 will: be competent in: <ol style="list-style-type: none"> 1 discussing the macroscopic structure of the nervous system and the functional components of the nervous system including their organisation as it relates to dentistry; 2 summarising the terminology and nomenclature of oral anatomy essential for basic dental science; 3 analysing occlusal relationships of the natural dentition; 4 appraising the orofacial growth stages and its relationship to provision of dental care; 5 analysing implications of tooth loss; 6 discussing clinical treatment procedures related to construction of removable complete dentures. demonstrate skills:

	<ol style="list-style-type: none"> 1 of laboratory techniques in construction of complete dentures; 2 in producing radiographs and other non-invasively produced images of the jaws, facial skeleton and temporo-mandibular joint, on manikins; 3 in interpretation and critiquing of radiographs and other non-invasively produced images of the jaws, facial skeleton and temporo-mandibular joint.
Assessment:	Radiology practical log books (5%); 1 x 1 hour written exam on Radiology and Neuroscience at the end of Teaching Block 3 (20%); 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 2 hour written exam on removable prosthodontics, growth and development and occlusion at the end of Teaching Block 4 (40%).
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 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:	<p>Students should:</p> <ol style="list-style-type: none"> 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