510-212 Control Systems,Growth and Development

Credit Points:	37.500
Level:	Undergraduate
Dates & Locations:	2008, This subject commences in the following study period/s: Semester 2, - Taught on campus.
Time Commitment:	Contact Hours: Seventy-six hours of lectures; 28 2-hour problem-based learning tutorials; 56 hours of practical classes. Estimated non-contact time commitment: an average of at least 15 hours per week Total Time Commitment: Not available
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	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. 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
Coordinator:	Assoc Prof S. Rees, Prof R. Pepperell
Subject Overview:	Objectives are to develop an understanding of the structure/function relationships in the human brain and the role and mechanisms of the major components of the endocrine system. The normal processes in human reproduction, foetal development, growth and ageing and the effects of abnormalities in these processes will also be covered. Content areas include the development and organisation of the nervous system, brainstem function, motor control systems, sensory systems, the hypothalamic-pituitary axis, the anatomy of the head and neck, thyroid and adrenal function, maturation and reproductive function during life, fertility and reproduction, the anatomy of the pelvis, foetal growth, human development and ageing, the abnormalities and pathological processes affecting the endocrine and reproductive systems and the care of the aged in society.
Assessment:	Mid-semester tests (15%); PBL tutor assessment (10%); practical examination (15%); two end-of-semester examinations (total of five hours) (60%). Hurdle requirement: 75% attendance at lectures, tutorials and practical classes and 100% attendance at clinical placements and field visits.
Prescribed Texts:	None
Recommended Texts:	Information Not Available
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:	- Critical thinking and problem solving; - Ability to access information;

	- Appreciation of the historical background and evolution of scientific concepts; - Systematic evaluation of scientific evidence; - Effective collaboration in small groups; - Written and oral communication skills.