431-683 Wireless Systems

Credit Points:	12.500
Level:	Graduate/Postgraduate
Dates & Locations:	This subject is not offered in 2008.
Time Commitment:	Contact Hours: 24 hours; Non-contact time commitment: 96 hours 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:	Brian Krongold
Subject Overview:	Topics include: Microwave circuts; transmission lines and distributed circut elements; printed circut antenna; introduction to computer aided analysis and design tools; radio frequency dependant propogation and fading characteristics; physical layer systems architecture; building blocks; performance metrics; characterisation of wireless systems.
Assessment:	Continuous assessment (40%) to the equivalent of 3 hours writing time. Final Exam 3 hours, worth 60%. Students are required to pass the final examination in order to pass the subject as a whole.
Prescribed 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:	The aim of this subject is to give students an introduction to the theoretical techniques and physical principles required for understanding of modern wireless systems.
Notes:	This subject is not offered in 2008
Related Course(s):	Ph.D.- Engineering