

ENGR90026 Engineering Entrepreneurship

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.
Time Commitment:	Contact Hours: Total 36 hours (one 3 hour workshop per week) Total Time Commitment: 120 hours
Prerequisites:	100 points of study or equivalent advanced standing within the Masters of Engineering
Corequisites:	None
Recommended Background Knowledge:	Skills in teamwork, report writing, oral presentation, creative problem solving.
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 Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills 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 Roger Hadgraft
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Subject Overview:	The aim of this subject is to examine the nature of entrepreneurial behaviour and its role in both small and large organisations within an engineering context. Students will learn various processes by which successful new ventures are created by developing their own enterprise proposal within small groups.
Objectives:	At the conclusion of this subject students should be able to: <ul style="list-style-type: none"> # Describe and discuss the theoretical frameworks and concepts which have been developed to explain entrepreneurial behaviour; # Identify the characteristics of entrepreneurial people who operate in small and large organisations; # Use various techniques for creating business opportunities; # Prepare and present a business plan for a new venture; # Discuss the sources of finance for new ventures and the ways financiers and large corporations evaluate business plans and proposals for new ventures and be able to sell the business concept to potential funding sources # Describe how to work <i>on</i> the business and not just <i>in</i> the business and thus become value creators;
Assessment:	Research essay (20%; 2,000 words; week 5; individual) Business plan (60%; 5,000 words; week 12; group) Participation and learning journal (20%; 2,000 words; week 12; individual).
Prescribed Texts:	TBA
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 will get practice in and be able to further develop their: <ul style="list-style-type: none"> # Awareness of the fundamentals of business planning and financial management

	<ul style="list-style-type: none"># Capacity for creativity and innovation;# Ability to use a systems approach to complex problems;# Ability to communicate effectively, with the engineering team and with the community at large;# Ability to manage information and documentation;# Ability to function effectively as an individual and in multidisciplinary and multicultural teams, and,# Capacity for lifelong learning and professional development.
Related Majors/Minors/ Specialisations:	Master of Engineering (Biomolecular) Master of Engineering (Chemical) Master of Engineering (Civil) Master of Engineering (Geomatics) Master of Engineering (Mechanical) Master of Engineering (Mechatronics) Master of Engineering (Software) Master of Engineering (Structural)