

AUDI90037 Research Methods

Credit Points:	6.25
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 24 hours Total Time Commitment: 60 hours
Prerequisites:	N/A
Corequisites:	N/A
Recommended Background Knowledge:	Familiarity with statistical software (eg excel, Minitab)
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, 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:	Prof Richard Dowell
Contact:	Annie Cruse acruse@unimelb.edu.au
Subject Overview:	This subject will provide an introduction to research methods and basic data analysis procedures. This subject will equip the students with basic statistical knowledge and the ability to use common statistical analysis programs (eg Minitab). The student will learn how to complete commonly used statistics such as correlation and analysis of variance, and when to use parametric versus non-parametric tests.
Objectives:	On completion of this subject students will: <ul style="list-style-type: none"> # understand and apply appropriate statistical tests to determine distribution measures, correlation and analysis of variance # be able to enter data using MINTAB and complete relevant analyses of sample data
Assessment:	Participation in one Minitab practical and completed report at the end of the practical to be submitted after Lecture 6, Semester 1 – 15%. Participation in ANOVA practical and completed report at the end of the practical to be submitted after Lecture 16, Semester 1 – 15%. A two hour written examination at the end of Semester 1 – 70%
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:	On completion of this subject students should show: <ul style="list-style-type: none"> # an ability to evaluate and synthesise information in a flexible manner # a capacity to articulate their knowledge in both oral and written formats # ability to enter and analyse data using Excel and MINITAB