TE WHARE WĀNANGA O TE ŪPOKO O TE IKA A MĀUI

VICTORIA
UNIVERSITY OF WELLINGTON

School of Accounting and Commercial Law

MMPA 507 STATISTICS

Trimester One 2011

COURSE OUTLINE

Names and Contact Details
Course Coordinator &
Lecturer: Walter Davis   RH304
                         Email walter.davis@stats.govt.nz
                         Office hours: Wed 4.15pm-5.15pm and by appointment

Course Administrator   Lee Vassiliadis   RH 708   463-5383
                         Email: lee.vassiliadis@vuw.ac.nz
                         (Office hours: Monday-Friday 8.30am-5pm
                         Office is closed: 10.30-10.45am and 3.30-3.45pm.)

Trimester Dates
Teaching Period: Monday 28th February-Friday 3rd June 2011
Study Period: Monday 6th June – Thursday 9th June 2011
Examination Period: Friday 10th June – Saturday 2nd July (inclusive)

Withdrawal from Courses
Your fees will be refunded if you withdraw from this course on or before **11 March 2011.**

The last date for withdrawal from this course *is* **14 May 2011.** After this date, students forced to withdraw by circumstances beyond their control must apply for permission on an '*Application for Associate Dean's Permission to Withdraw Late'* including supporting documentation.

The application form is available from either of the Faculty's Student Customer Service Desks.

Class Times and Room Numbers
Wednesday: 17:40-20:30 (5.40-8.30pm)
Venue: LT3, Rutherford House, Pipitea Campus

Course Content

The course objective is to explain statistical techniques useful in business research or practice. Topics include charts and graphs, measures of location and dispersion, probability, sampling, estimation and testing (z, t, chi-square, sign and Mann-Whitney tests), correlation and simple regression.

We will cover all of the Clark & Randal textbook. Some chapters will be covered in less detail than others given time constraints. Additional material will be covered in lectures and other assigned reading.

Course Learning Objectives

Students who are successful in this course will be able to:

- Understand the potential for statistical data analyses to contribute towards business management decisions;
- Apply the results of statistical data analyses in business applications, including planning, forecasting, decision-making, controlling, and reporting;
- Describe data using graphs;
- Summarise data using numerical measures;
- Analyse data using a variety of inferential analysis techniques including probability rules, sampling distributions of a mean and a proportion, confidence intervals for a single mean and proportion;
- Describe and analyse data using a variety of bi-variate analysis techniques including correlation and linear regression;
- Demonstrate an understanding of basic data collection methods.

Course Delivery

The course will consist of Lectures and Tutorials. There will be tutorials when required during each block of class time, usually the final 50 minutes of allocated class time. Students are expected to attend these tutorials which will be used to explore questions and issues raised during the formal lectures.

Expected Workload

This course is a 15-point course. One point is equated to 10 hours of work, which means a total of 150 hours is expected for this course, spread over the 12 teaching weeks, mid-trimester break, study week and the examination period. This involves attending the lecturers and tutorials every week, assignments, and preparations for all exams.

Readings
- Megan Clark & John Randal, A First Course in Applied Statistics (Pearson, 2004).

Materials and Equipment

Students will be permitted to use electronic calculators during exams and assignments. These calculators must be cleared of memory prior to the exams. Any formula needed for the exams will be provided. Assignments may also be completed using Excel or a similar package.

Lecture notes, presentation slides and additional material will be posted on Blackboard.

Assessment Requirements
- 2 Tests worth 20 percent each of the final grade
  - Test # 1 will be on **30 March** (week 5) and will cover material through week 4. (60 minutes)
  - Test # 2 will be on **11 May** (week 9) and covers material from the first mid-term through week 8. (60 minutes)
- An Exam worth 45 percent of the final grade that covers all material covered in the lectures and tutorials with a focus on weeks 9 through 12 — this is a comprehensive exam. (2 hours)
- Three assignments worth a total of 15 percent of the final grade (5 percent each). Assignments will be due at the start of class on 16 March, 13 April and 25 May. Assignments may also be e-mailed to the lecturer prior to the deadline.

Your assessed work may also be used for quality assurance purposes, such as to assess the level of achievement of learning objectives as required for accreditation and audit purposes. The findings may be used to inform changes aimed at improving the quality of FCA programmes. All material used for such processes will be treated as confidential, and the outcome will not affect your grade for the course.

Examinations
Students who enrol in courses with examinations are obliged to attend an examination at the University at any time during the formal examination period. The final examination for this course will be scheduled at some time during the period from **Friday 10th June – Saturday 2nd July 2011.**

Penalties
A late assignment will have one point (of the maximum 5) deducted for each day it is late unless prior permission has been granted or evidence of exceptional circumstances (e.g. medical issues) is provided.

Course Pass Requirements
In order to pass this course, a student must achieve a weighted average mark of 50% or more, utilising the indicated weightings.

Class Representative
A class representative will be elected in the first class, and that person's name and contact details will be available to VUWSA, the Course Coordinator and the class via a Blackboard posting. The class representative provides a communication channel to liaise with the Course Coordinator on behalf of students.

Communication of Additional Information
Additional information will be available on blackboard.

For the following important information follow the links provided:

Academic Integrity and Plagiarism
http://www.victoria.ac.nz/home/study/plagiarism.aspx

General University Policies and Statutes

Find key dates, explanations of grades and other useful information at
www.victoria.ac.nz/home/study

Find out about academic progress and restricted enrolment at
http://www.victoria.ac.nz/home/study/academic-progress.aspx

The University's statutes and policies are available at www.victoria.ac.nz/home/about/policy,
except qualification statutes, which are available via the Calendar webpage at
http://www.victoria.ac.nz/home/study/calendar.aspx (See Section C).

Further information about the University's academic processes can be found on the website of
the Assistant Vice-Chancellor (Academic) at
www.victoria.ac.nz/home/about_victoria/avcacademic/default.aspx

**AVC (Academic) Website: information including: Conduct, Academic Grievances,
Students with Impairments, Student Support**
http://www.victoria.ac.nz/home/about_victoria/avcacademic/Publications.aspx

Faculty of Commerce and Administration Offices
http://www.victoria.ac.nz/fca/studenthelp/

Manaaki Pihipihinga Programme
http://www.victoria.ac.nz/st_services/mentoring/