

School of Accounting and Commercial Law

MMPA 507 STATISTICS

Trimester Two 2010

COURSE OUTLINE

Names and Contact Details

Course Coordinator &

Lecturer:

Walter Davis RH304
Email: walter.davis@vuw.ac.nz
Office hours: Wed 3:30-4:30 and by appointment

Course Administrator

Ms Rainet Mutandwa RH 708 463-5383
Email: Rainet.Mutandwa@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 12th July – Friday 15th October 2010

Study Period: Monday 18th October – Thursday 21st October 2010

Examination Period: Friday 22nd October – Saturday 13th November 2010 (inclusive)

Withdrawal from Courses:

Your fees will be refunded if you withdraw from this course on or before **23 July 2010**

The last date for withdrawal from this course is the three-quarter point of the teaching period, i.e. **Friday 24 September**. After that date, withdrawal requires the permission of the Associate Dean (Students) as set out in section 8 of the Personal Courses of Study Statute.

<http://policy.vuw.ac.nz/Amphora!~~policy.vuw.ac.nz~POLICY~000000001743.pdf>

To apply for permission, fill in the Late Withdrawal form available from either of our Student Customer Service Desks.

Class Times and Room Numbers

Wednesday 12:40-15:30 (12:40-3:30 pm)

Venue: RW 312, Railway Wing, Pipitea Campus

Lectures: 12:40-14:30 (12:40-2:30 pm)

Lectures or Tutorials: 14:30-15:30 (1:30-3:30 pm)

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 possibly 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 **11 August** (week 5) and will cover material through week 4. (60 minutes)
 - Test # 2 will be on **29 September** (week 10) 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. (3 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 28 July, 8 September and 13 October. 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 **Friday 22nd October – Saturday 13th November 2010 (inclusive)**

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 - <http://blackboard.vuw.ac.nz>.

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

<http://www.victoria.ac.nz/home/about/policy>

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/