

MACQUARIE UNIVERSITY

STAT271 "STATISTICS I" (D2, 2004)

UNIT INFORMATION

**Lectures**

There are three lectures per week; the times are as stated in the timetable but the rooms have been changed:

Monday	2.00 pm	C5C T1	
Wednesday	11.00 am	X5BT1	not E7BT2
Thursday	10.00 am	X5BT1	not E7BT2

**Tutorials**

Students are expected to attend one tutorial per week, commencing in the second week of lectures. Two extra tutorials have been scheduled on Monday at 11 am (in addition to the timetabled ones at 12 noon and 3 pm). Up until Thursday of week 1 (5<sup>th</sup> August), tutorial changes may be done at any of the change-of-program sessions, or using the University administered web facility. Lists of tutorial allocation will be available on the C5C courtyard Statistics notice board or the STAT271 website.

**Textbook**

Students are expected to have access to a copy of the prescribed text book throughout the semester. Copies of the text book and student solution manual are held in Special Reserve in the University Library.

Mendenhall W, Wackerly D and Scheaffer R. QA276.M426\_2000  
"Mathematical Statistics with Applications", Sixth Edition

Caffo B, & Jones G QA276.M426\_2002 manual  
"Student Solutions manual for Wackerly/Mendenhall/Scheaffer's Mathematical  
Statistics with Applications", Sixth Edition

The Library also holds copies of the Fifth Edition of the text book (QA276.M426/1996) and the Student solutions manual by Charles D. Kincaid.

**References**

The following books may be useful references. At least one copy of each of these is available (often in Special Reserve) in the Library, and extra copies may be available on the shelves for borrowing purposes.

Bain LJ & Engelhardt M	Introduction to Probability and Mathematical Statistics QA273.B2546 / 1992
Conover WJ	Practical Non-Parametric Statistics QA278.8.C65 / 1980
Hogg RV & Craig AT	Introduction to Mathematical Statistics QA276.H59 / 1995
Larson, Harold J	Introduction to Probability Theory and Statistical Inference QA273.L352 / 1982
Walpole & Myers	Probability and Statistics for Engineers and Scientists TA340.W35 / 1993

Student Resource Centre  
Division of Economic & Financial Studies  
MACQUARIE UNIVERSITY

### **Assignments**

Assignments are a major part of the learning process. There will be four assignments, which are to be submitted to your tutor in the tutorials in weeks 3, 6, 9 and 12. The best three of the four assignments will be used in calculating the assessment portion of the final grade. Failure to submit assignments may result in automatic exclusion from the unit in accordance with Bachelor Degree Rule 10(1).

### **Tutorial Exercises**

There will be two types of tutorial exercises – for weeks with and without an assignment due.

For weeks 2, 4, 5, 7, 8, 10, 11 and 13, tutorial exercises will be available on the web the week before the tutorial. Unless otherwise instructed, students are expected to have attempted **all** questions before the tutorial. Note there is no tutorial in week 8 teaching (4<sup>th</sup> October) due to the Labour Day Public Holiday – however, tutorial exercises will still be set. **Outline** solutions to the tutorial exercises will be available on the web after all tutorials for the week have been held, however, detailed solutions will only be available in tutorials.

For weeks 3, 6, 9 and 12, the tutorial exercises will be distributed in the tutorial for discussion in the tutorial.

### **Independence of work**

Some students may benefit from discussing assignment and tutorial work with other students, and this is not undesirable. *However, the actual work submitted must be the result of a student's independent effort. Copying or any form of improper similarity with work of another person will result in disciplinary action.*

### **Assessment**

The final assessment will be nominally the following basis:

Assignments (best 3 of 4)	15%
Final Exam	85%

Satisfactory performance is required in all aspects of the unit.

### **Examination**

An electronic calculator and two A4 sheets of paper (written on one or both sides in the student's own handwriting) may be taken in to the exam room.

### **Unit Administration**

Lecturer-in-Charge: Associate Professor Peter Petocz  
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Administration: Ms. Suzanne Curtis  
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Please note that Ms. Curtis is employed on a half-time basis, and as such is not available every day. Use should be made of email and voicemail facilities.