

COURSE INFORMATION SHEET

FALL 2006

- Course:** STAT 217 - Introduction to Statistics II
Lecture/Time: L01 MWF 15:00 – 15:50 **Room:** SA 106
Instructor: Dandong Feng
Office: MS 583 **Office Hour:** MF14:00 – 14:50
Phone: 220-3273 **Email:** dfeng@math.ucalgary.ca
- Prerequisites:** STAT 213 Introduction to Statistics I
NOTE: The Faculty of Science policy on pre- and co-requisite checking is outlined in the current University Calendar (see www.ucalgary.ca/pubs/calendar) *Faculty of Science, section 5C*. **It is the students' responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**
- Fee policy:** After the last day to drop/add courses, there will be no refund of tuition fees if a student withdraws from a course, courses or the session.
- Academic Accommodations:** It is the student's responsibility to request academic accommodations. A student with a documented disability who may require academic accommodation must register with the Disability Resource Centre to be eligible for formal academic accommodation. DRC registered students are required to discuss their needs with the instructor no later than fourteen (14) days after the start of this course.
- The University policy on grading and related matters** is described in the current University Calendar, *Academic Standings*. In determining the overall grade in the course, the following weights will be used:

Quizzes	[5]	40% [best 4 of 5]
Midterm Test	[1]	15%
Final Exam	[1]	45%

A passing grade on any particular component of the course is essential to passing the course as a whole. There will be a final examination scheduled by the Registrar's Office. *** The use of aids such as formula sheet, etc, is not permitted when writing quizzes; one single letter size aid-sheet (content of student's choosing) is permitted for the midterm and final exams.
- Missed Components of Term Work.** The regulations of the Faculty of Science pertaining to this matter are outlined in the current University Calendar, *Faculty of Science, section 6A*. It is the student's responsibility to familiarize herself/himself with these regulations.
- Academic misconduct** (cheating, plagiarism, or any other form) is a very serious offence that will be dealt with rigorously in all cases. A single offence may lead to disciplinary probation or suspension or expulsion. The Faculty of Science follows a zero tolerance policy regarding dishonesty. Please read the sections of the current University Calendar. See: <http://www.ucalgary.ca/honesty/>
- Dates and times of class exercises held outside of class hours (evening tests, Saturday laboratory examinations, weekend field trips, etc.):** **** THERE WILL BE NO OUT-OF-CLASS-TIME ACTIVITY.****

9. **Textbook:** *Introduction to Statistics and Data Analysis 2nd edition* by Peck, Olsen and Devore

10. **Continuous Tutorial** is available each weekday in room MS 571. When you need help outside office hours, take advantage of the continuous tutorial available. You can receive one-on-one help from a lab instructor. The continuous tutorial schedule is

Monday	Tuesday	Wednesday	Thursday	Friday
11:00 – 14:00	12:00 – 16:00	11:00 --15:00	12:00 – 15:00	12:00 – 14:00

11. **Quizzes, and midterm test schedule** Fall 2006

Quiz 1	Week of	September 25
Quiz 2	Week of	October 9
Midterm test		October 25
Quiz 3	Week of	November 6
Quiz 4	Week of	November 20
Quiz 5	Week of	December 4

The 50 minutes midterm test will be written during the lecture period in SA 106.

12. **Exercises**

The following exercises from Peck et al *Introduction to Statistics and Data Analysis 2nd edition* are intended to help you understand the statistical concepts and methods covered in the lectures. It is strongly suggested that you do as many problems as possible. The final answers of the odd numbered questions are in the back of the text. Additional problems related to some nonparametric tests will be assigned later.

Section	Questions
9.3	33, 35, 37, 39, 41, 43, 47
9.2	15, 17, 19, 21, 23, 25, 27
S.E.*	49, 51, 53, 55, 57, 59
10.2	11, 15, 17
10.4	41, 43, 45, 47, 49, 51, 53, 55
10.3	23, 25, 27, 29, 31, 33, 37, 39
10.5	(Examples 10.17 and 10.18), 61, 62, 65(a, c, f)
S.E.	67, 69, 71, 75, 77
11.1	3, 4, 5, 7, 9, 11, 15, 17, 19, 21 Redo 3, 4, 11, 21 using pooled t procedures
11.2	32, 33, 37
11.3	41, 43, 45, 47, 51, 55
11.4	57, 60, 61
12.1	3, 5, 7, 9, 13
12.2	17, 21, 23, 27, 31, 33
13.1	1, 5, 8, 11
13.2	15, 17, 20, 21, 23, 25
13.3	27, 33
13.4	41, 45
14.2	23, 25
15.1	5(b), 9, 15, 16
15.4	51
S.E.	58

Note: S.E. stands for Supplementary Exercises at the end of the chapters.