



Faculty of Science  
DEPARTMENT OF MATHEMATICS AND STATISTICS  
Course Information Sheet

<b>1. Course:</b>	<b>STAT 213 – Introduction to Statistics I</b>			Fall 2005
<b>Lecture/Time/Session:</b>	L01	MWF	9:00	Room: SA 104
	L03	MWF	12:00	Room: ST 143
<b>Course Website:</b>	<a href="http://blackboard.ucalgary.ca/">http://blackboard.ucalgary.ca/</a>			
<b>Instructor:</b>	Joan Stellmach			
<b>Office:</b>	MS 378			
<b>E-mail/Website:</b>	<a href="mailto:joans@math.ucalgary.ca">joans@math.ucalgary.ca</a>		Phone: 220- 6326	
<b>Office Hours</b>	Monday	Tuesday	Wednesday	Thursday Friday
	13:00 – 14:00	13:00 – 14:30	10:30 – 11:30	13:30 – 15:00 10:30 – 11:30

**2. Prerequisites:** Math 30 or Pure Math 30 or Math II (Continuing Education)

**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](http://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responsibility to ensure that they have the pre- and co-requisites for the course, and if they do not they will be withdrawn from the course without notice.**

- 3. 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.
- 4. 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:

Mid-term Test	[ 1 ]	15%
Quizzes		33%
Projects		12%
Final Exam		40%

A passing grade on any particular component of the course is essential to passing the course as a whole. The final examination scheduled by the Registrar's Office.

- 5. 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.
- 6. 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/>
- 7. There will be no out-of-class-time activities.**

8. **Required Textbook:** Introductory Statistics Seventh Edition  
Neil A, Weiss  
Pearson/ Addison Wesley

The text should come packaged with ActivStats by Paul Velleman

The purchase of the statistical software, **MINITAB**, is optional and merely provides, for your personal computer, a student version of the software available in the Stat lab rooms.

9. **Support materials:** The syllabus, as presented in the ‘*Course Outline*’ (in *Course Information* on the Stat 213 Blackboard site <http://blackboard.ucalgary.ca/>), has been divided into five “blocks” for easy reference. The *Course Documents* in Blackboard will be grouped by ‘block’ in the same way. The documents for each block will include

- notes, appropriate text references, and readings
- a MINITAB instruction sheet which will introduce computer skills required for the current material
- a Sample Quiz to indicate the typical level of problem to be expected on the quiz for that ‘block’
- a Worksheet which will provide additional practice problems. Often, these will be more challenging than the typical quiz questions and may include topics from previous ‘blocks’ to highlight relationships between various parts of the course.
- a Solution set for all the problems presented.

In addition to the five ‘blocks’, *Course Documents* will also contain a Review section which will provide, for both the midterm and final, additional practice exercises and a past exam.

If you have difficulty accessing any of these files, copies will also be available on the instructor’s web site, [www.math.ucalgary.ca/~joans/](http://www.math.ucalgary.ca/~joans/).

It is the student’s responsibility to access and download the various documents. Nothing will be distributed in hard copy. Success in any mathematics course requires working at the pace of the class and practicing as many problems as possible.

10. **When you need help**, take advantage of the course support services available. Ask early and ask often. Don’t expect a miracle the night before an exam!

The lecturer and lab instructors have **office hours** for the sole purpose of answering your questions.

**A continuous tutorial** is available **each weekday** in the Statistics lab room **MS 571**. This is a “drop-in” tutorial which provides a study space, access to computers, and an opportunity to receive one-on-one assistance with any aspect of the course. 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. **Assessment** of your mastery of course content will be done in a variety of ways during the term:
- a. Group Projects: (Course component 12%)
    - i. There will be two major projects - one due at the end of September; the other due toward the end of the term. **Each** of these projects will contribute **5%** to your final grade.
    - ii. In addition, there will be two minor projects, **each** worth **1%** of your final grade.
  - b. Quizzes: (Course component 33%)
    - i. **Four quizzes** will be administered during your regularly scheduled lab period in the “Quiz weeks” shown on the “Important Dates” under *Course Information* on Blackboard. **Each** of these quizzes will carry a weight of **7%** in the calculation of your final grade.  
The quizzes will be “**closed-book**” – text, notes, aid-sheets, and statistical tables will not be allowed. An attempt to use any such aids or to access e-mail or the Internet during the writing of a quiz will constitute academic misconduct (Item 6) and be dealt with accordingly.

Basic calculators may be used when writing quizzes but **programmable calculators will not be permitted**. It is anticipated that you will use the statistical software provided on the computers in the lab room. Use of the calculator functions on the computer is also permissible.

You will be given 45 minutes to write each quiz although the expectation is that you should be able to complete the test in 30 minutes.

- ii. **Five mini-quizzes** will be taken on the web-based testing system, *Webwork*. Each quiz will test the basic calculations from the 'block' of corresponding number. A two - day period will be allotted for each *Webwork* quiz as shown in *Blackboard Course Information – Important Dates*. During those two days, you may work on the quiz whenever or wherever you like and submit it at your convenience prior to the closing time published for the quiz. Your quiz will be marked and a score recorded automatically. **Each *Webwork* quiz will count 1% toward your final grade.**

**12. Examinations:** There will be **one 50 minute mid-term test** written during the lecture period on **October 28**. The Registrar's office will schedule **a two hour final examination. One 8½" x 11" aid-sheet** (content of student's choosing) and a calculator will be permitted for the mid-term test and for the final examination. Necessary statistical tables will be provided for the final exam.

**13.** The **labs**, shown on your timetable as B01, B02, ..., will be held in the Statistics computer labs MS 515 and MS 521. These periods will be used to write the four (7%) quizzes, to return quizzes, to practice problems and computer techniques relevant to the current course material, to allow time for group work and to provide individual help as requested.

**Note:** An IT username and password will be required to log on to the computers in the Statistics labs. If you do not have a username and password, you must complete an account registration with Information Technologies prior to the first lab. See "My IT Account" at <http://www.ucalgary.ca/it/>