



# UNIVERSITY OF CALGARY

## DEPARTMENT OF MATHEMATICS AND STATISTICS COURSE OUTLINE

1. **Course:** STATISTICS 205 Introduction to Statistical Inquiry

Lecture Sections:

L01/02: MWF @ 11:00 – 11:50, ST 143, J. Stallard, Office 582 Tel. No. 220-3953, e-mail [jbstall@ucalgary.ca](mailto:jbstall@ucalgary.ca),  
Office Hours: TBA  
<http://people.ucalgary.ca/~jbstall/>

L03: MWF @ 13:00 – 13:50, ST 145, G. Chen, Office 518 Tel. No. 220-3961, e-mail [cheg@ucalgary.ca](mailto:cheg@ucalgary.ca),  
Office Hours: TBA

2. **Prerequisites:** Mathematics 30-1 or Pure Mathematics 20 or Mathematics II (offered by Continuing Education) or registration in the Faculty of Nursing

3. **Grading:** The University policy on grading and related matters is described sections F.1 and F.2 of the online University Calendar. In determining the overall grade in the course the following weights will be used:

TopHat Monocle	3%	(L01/L02: additional)
Assignments (10)	10%	
Lab Exam (1)	10%	(L01/L02: April 13; L03: April 9)
Midterm tests(2)	30%	(In your registered lab)
Final Examination	50%	(To be scheduled by the Registrar)

**A passing mark on the final exam – at least 50% - is required in order to earn a minimum grade of C- in this course.**

Each piece of work (assignment, laboratory report, midterm test or final examination submitted by the student will be assigned a percentage score. The student's average percentage score for the various components listed above will be combined with the indicated weights to produce an overall percentage for the course, which will be used to determine the course letter grade. The conversion between course percentage and letter grade is given below:

Statistics 205 Letter Grade Conversion	
Letter Grade	Percentage (%) Range
A+	≥ 95
A	90 < 95
A-	85 < 90
B+	80 < 85
B	75 < 80
B-	70 < 75
C+	65 < 70
C	60 < 65
C-	55 < 60
D	50 < 55
F	< 50

4. **Missed Components of Term Work:** The regulations of the Faculty of Science pertaining to this matter are found in the Faculty of Science area of the Calendar in [Section 3.6](#). It is the student's responsibility to familiarize himself/herself with these regulations. See also [Section E.6](#) of the University Calendar

5. **Course Materials:** "Introduction to Statistics – Exploring the World through Data", 1st-Edition, by Gould and Ryan, Pearson – sold in the University Bookstore.

Online Course Components: Online homework through MyStatLab is available on any computer that has internet access to those who opt to purchase the above textbook package. Those who do not purchase the textbook will be given access to just the homework component through select computers labs on campus. Either way, you are responsible for completing the assigned homework from anywhere and access to the eBook. It is your choice: If you prefer the flexibility of working on your assigned homework from anywhere with internet access and access to the eBook. The homework is a critical component of the course that are aimed to help you self-assess your understanding of the course material and prepare you for the exams in the course.

6. **Examination Policy:** Non-programmable/non-graphing calculators and Minitab are allowed in the midterm exams. You will be provided with a sheet of formulas and statistical tables. Non-programmable/non-graphing calculators are allowed in the final exam. You will be provided with a formula sheet. Students should also read the Calendar, Section G, on Examinations.
7. **Writing across the curriculum statement:** e.g. "In this course, the quality of the student's writing in laboratory reports will a factor in the evaluation of those reports. See also Section E.2 of the University Calendar.

8. **OTHER IMPORTANT INFORMATION FOR STUDENTS:**

- (a) **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 University Calendar under Section K. Student Misconduct to inform yourself of definitions, processes and penalties
- (b) **Assembly Points:** In case of emergency during class time, be sure to FAMILIARIZE YOURSELF with the information on assembly points.
- (c) **Academic Accommodation Policy:** Students with documentable disabilities are referred to the following links: Calendar entry on students with disabilities and Student Accessibility Services.
- (d) **Safewalk:** Campus Security will escort individuals day or night (<http://www.ucalgary.ca/security/safewalk/>). Call 220-5333 for assistance. Use any campus phone, emergency phone or the yellow phones located at most parking lot pay booths.
- (e) **Freedom of Information and Privacy:** This course is conducted in accordance with the Freedom of Information and Protection of Privacy Act (FOIPP). As one consequence, students should identify themselves on all written work by placing their name on the front page and their ID number on each subsequent page. For more information see also
- (f) <http://www.ucalgary.ca/secretariat/privacy>.
- (g) **Student Union Information:** VP Academic Phone: 220-3911 Email: [suypaca@ucalgary.ca](mailto:suypaca@ucalgary.ca).  
SU Faculty Rep. Phone: 220-3913 Email: [sciencerep@su.ucalgary.ca](mailto:sciencerep@su.ucalgary.ca); Student Ombudsman
- (h) **Internet and Electronic Device Information:** You can assume that in all classes that you attend, your cell phone should be turned off unless instructed otherwise. Also, communication with other individuals, via laptop computers, Blackberries or other devices connectable to the Internet is not allowed in class time unless specifically permitted by the instructor. If you violate this policy you may be asked to leave the classroom. Repeated abuse may result in a charge of misconduct.
- (i) At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses ([www.ucalgary.ca/usri](http://www.ucalgary.ca/usri)). Your responses make a difference - please participate in USRI Surveys.