

**COURSE OUTLINE**

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

**Location:**

L01: MWF, 12:30-14:20, ST 147,

**Instructor Contact Information:**

Scott Robison,  
Office MS 584,  
E-mail Sarobiso@Ucalgary.ca,  
Office Hours: Tuesdays and Thursdays 11:00am – Noon and by appointment.

**Course website:** <https://d2l.ucalgary.ca/d2l/home/38670> Your registration will automatically enrol you in this section.

**Department of Mathematics and Statistics** – MS476 Telephone number – 403-220-5210

2. **Prerequisites:** Mathematics 30-1 or Pure Mathematics 30 or Mathematics II (offered by Continuing Education) or registration in the Faculty of Nursing. <http://math.ucalgary.ca/courses/w14/STAT205?destination=courses%2Fw14>
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:

Assignments (6)	10%	(MyStatLab access bundled with the text)
Lab Exam (1)	5%	(Limited Computer Access granted)
Midterm test (2)	40%	(Limited Computer Access granted) Tentatively set to be July 16 and July 30
Final Examination	45%	(To be scheduled by the Registrar)
In Class Questions	(Extra) 3%	(Electronically submitted in class questions)

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 (assignments, laboratory exam, midterm tests 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 [bearing in mind that a maximum grade of D will result if the student does not pass the final exam], The conversion between course percentage and letter grade is given below:

<b>Letter Grade Conversions</b>	
<b>Letter Grade</b>	<b>% range</b>
<b>A+</b>	<b><math>x \geq 95</math></b>
<b>A</b>	<b><math>90 \leq x &lt; 95</math></b>
<b>A-</b>	<b><math>85 \leq x &lt; 90</math></b>
<b>B+</b>	<b><math>80 \leq x &lt; 85</math></b>
<b>B</b>	<b><math>75 \leq x &lt; 80</math></b>
<b>B-</b>	<b><math>70 \leq x &lt; 75</math></b>
<b>C+</b>	<b><math>65 \leq x &lt; 70</math></b>
<b>C</b>	<b><math>60 \leq x &lt; 65</math></b>
<b>C-</b>	<b><math>55 \leq x &lt; 60</math></b>
<b>D</b>	<b><math>50 \leq x &lt; 55</math></b>
<b>F</b>	<b><math>x &lt; 50</math></b>

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. Missed exams are extremely rare. Any student missing an exam for reasons beyond the student's control will have a final grade assessed by reweighting the midterms in which the student has completed. To be consistent and fair to all, this will apply to all students in the course. There will be no makeup quizzes/exams! Please be reminded that final exams are written during the period August 15 to August 18. Plan to be in Calgary during these dates. Please ensure your summer employer is aware of these dates.
5. **Course Materials:** *"Introductory Statistics: exploring the world through data"*, by Gould and Ryan, Pearson – sold in the University Bookstore.

**Online Course Components:**

**MyStatLab** (online person resource for homework assignments, an access code should accompany your text)

**Top Hat Monocle** Top Hat Monocle is an audience response system that will be used this semester. This technology that replaces old 'clicker' systems, allowing you respond to professor-initiated questions with either your cell-phone, smart-phone/iPhone, or pad/laptop, providing immediate feedback. Monocle is web-based system that allows immediate interactive feedback and graphical simulations, to both aid and assist in the understanding of course material.

The University of Calgary has a three-year licensing agreement with Top Hat Monocle, meaning it is free for you to use. For more information, please see <http://ca.tophatmonocle.com>

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:** In this course, the quality of the student's writing in examinations will be a factor in the evaluation of those affected items. 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](#). MSC452 Phone: 220-8237
- (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 <http://www.ucalgary.ca/secretariat/privacy>.

- (f) **Student Union Information:** [VP Academic](#) Phone: 220-3911 Email: [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)  
SU Faculty Rep. Phone: 220-3913 Email: [sciencerep@su.ucalgary.ca](mailto:sciencerep@su.ucalgary.ca)  
[Student Ombudsman](#) Phone: 220-6420 Email: [ombuds@ucalgary.ca](mailto:ombuds@ucalgary.ca)
- (g) **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.
- (h) 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.