



UNIVERSITY OF CALGARY

DEPARTMENT OF MATHEMATICS AND STATISTICS COURSE OUTLINE

1. **Course:** Stat 327, Statistics for the Physical and Environmental Sciences

Lecture Sections:

L01: MWF, 3:00pm-3:50pm, MS 431

Scott Robison, Office MS590, Sarobiso@Ucalgary.ca, Office Hours: See Additional Information Sheet

D2L Website: STAT 327 L01 - (Winter 2015) - Statistics for the Physical and Environmental Sciences

<https://d2l.ucalgary.ca/d2l/home/82127>

2. **Prerequisites:** Mathematics 249 or 251 or 265 or 275 or 281 or Applied Mathematics 217. As seen in the University Calendar: http://math.ucalgary.ca/math_units/courses/w15/STAT327?destination=courses%2Fw15

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 (5)	5%
Laboratory/Lecture Checkpoints	5%
Midterm tests (2) (conducted in Labs)	40%
(See Additional Information Sheet for dates)	
Group Project	25%
(See Additional Information Sheet for further information)	
Final Examination	25%
(To be scheduled by the Registrar)	

Each piece of work (assignment, project, 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:

Letter Grade Conversions	
Letter Grade	% 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:** Missed term work should be considered very serious and more rare! Due to the group project involved in this class please be respectful of your fellow group members. If you foresee class attendance

as a possible issue please withdraw from the course! Additionally, there will be **no make up exams of any kind!** In the event you are physically unable to attend an exam and if the proper documentation, found here <http://www.ucalgary.ca/registrar/files/registrar/phycoun.pdf>, is provided the course weight of the excused component will be added to the final exam. 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:** (Optional) "*Applied Statistics for Engineers and Scientist*", 3rd Edition, by Devore, Farnum, Doi
Supplement notes and online recourses will be posted the course webpage

Online Course Components:

Web work
R software

6. **Examination Policy:** Exams are to be considered "closed book," where a basic scientific calculator is the only aid permitted, unless otherwise stated. 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 all assessed work will be a factor in the evaluation of those reports. See also [Section E.2](#) of the University Calendar.
8. **Human studies statement:** Students in the course may be expected to participate as subjects or researchers; as such they are to adhere to the University's ethical standards and safeguards (Further details may be found in the University of Calgary publication entitled Ethics of Human Studies). See also [Section E.5](#) of the University Calendar.

9. 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 <http://www.ucalgary.ca/secretariat/privacy>.
- (f) **Student Union Information:** VP Academic Phone: 220-3911 Email: suvpaca@ucalgary.ca.
SU Faculty Rep. Phone: 220-3913 Email: sciencerep@su.ucalgary.ca; [Student Ombudsman](#)
- (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). Your responses make a difference - please participate in USRI Surveys.