



UNIVERSITY OF CALGARY

DEPARTMENT OF MATHEMATICS & STATISTICS COURSE OUTLINE

1. **Course:** Statistics 421, Mathematical Statistics

Lecture Section: L01, MWF, 10:00-10:50am, ST 127

Instructor: A. R. de Leon

Office: MS554

Email: adeleon@ucalgary.ca

Tel.: (403) 220-6782

Office Hours: MWF, 1-3pm or by appointment

Department of Mathematics & Statistics, MS476, (403) 220-5210.

2. **Prerequisites:** Statistics 323 or Mathematics 323; and Mathematics 267 or 277 or 353 or 381.

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:

Homework (every 2 weeks)	25%
Midterm Test	30% (November 6, 2014)
Final Test	40% (To be scheduled by the Registrar)
Attendance/class participation	5%

Each piece of work (i.e., homework, midterm and final tests) submitted by the student is assigned a percentage score. The student's average percentage scores for the various components listed above are combined with the indicated weights to produce an overall percentage for the course, which is 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	88–94.5
A-	84–87.5
B+	80–83.5
B	76–79.5
B-	72–75.5
C+	68–71.5
C	64–67.5
C-	60–63.5
D+	55–59.5
D	50–54.5
F	<50

4.

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 Mathematical Statistics* (7th ed.) R. V. Hogg, J. W. McKean & A. T. Craig Pearson, 2012.
6. **Examination Policy:** Both midterm and final tests are closed-book-no-notes examinations. The midterm test is 45-minute test to be written during the lecture class on November 6, 2014. The final test is 2.5-hour test to be scheduled by the Registrar's Office. Students should also read the Calendar, [Section G](#), on Examinations.
7. **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 (FOIPPA). 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:** Please turn off your cell phones during lecture classes. Please refrain as well from communicating with other individuals during class time via laptop computers, Blackberries or other mobile devices. 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.