UNIVERSITY OF
CALGARY

DEPARTMENT OF MATHEMATICS AND STATISTICS
COURSE OUTLINE

Course: STAT 205 – Introduction to Statistical Inquiry   **Dates**: January 11, 2016 – April 13, 2016

1.

Lecture	Day	Time	Location	Instructor	Office	Phone	Email	Office Hours
01 / 02	MWF	11:00-11:50	ICT 122	Jim Stallard	MS 582	220-3953	jbstall@ucalgary.ca	TBA
03	MWF	13:00-13:50	ST 141	Kris Vasudevan	MS 586	220-3957	vasudeva@ucalgary.ca	TBA

Desire 2 Learn (D2L): https://d2l.ucalgary.ca/d2l

Your registration will automatically enrol you in this section. **Note: The D2L website will be taken down before the final exam.**

Course Webpage: Statistics 205 L01/L02 Course Webpage

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/math_unitis/courses/s15/STAT205?destination=courses%2Fs15

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:

Top Hat Monocle (L01/L02)	3%	(Additional Credit)
Assignments (10)	10%	(MyStatLab access bundled with the text)
In Lab Midterm test (2)	35%	**L01/02**: February 13/March 20;
		L03: February 16/March 23
Lab Exam (1)	10%	**L01/L02**: April 10
		L03: April 6
Final Examination	45%	(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 (assignments, 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:

Letter Grade Conversions	
Letter Grade	**% Range**
A+	$x \geq 95$
A	$90 \leq x < 95$
A-	$85 \leq x < 90$
B+	$80 \leq x < 85$
B	$75 \leq x < 80$
B-	$70 \leq x < 75$
C+	$65 \leq x < 70$
C	$60 \leq x < 65$
C-	$55 \leq x < 60$
D	$50 \leq x < 55$
F	$x < 50$

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. In the unlikely event of a health problem, the Physician/Counsellor Statement Form must be accompanied by either "Application for Deferred Final Examinations" or an "Application for Deferment of Term Work" in order to gain approval for such request. For all other missed term work such as quizzes, assignments or midterms, the Physician/Counsellor Form must be handed directly to your course instructor for approval.

5. *Course Materials: "Introductory Statistics: Exploring the World Through Data", by Gould, Ryan, Stallard, and Boue. Pearson – sold in the University Bookstore.*

Statistical Package:

Minitab 17 will be required for this course and may be bundled with the text at the Bookstore.   Free access is available in the labs: MS317, 515, 521, and 571. If you wish to purchase a copy, you can download a 30-day free trial from www.Minitab.com.   E-academy offers both rental options and a perpetual copy (which will not shut off or expire). A 5-month rental costs is around $29.99 and a 12-month rental costs is $49.99; the perpetual purchase is $99.99. These licenses are for the full professional version and nothing has been left out.   To purchase simply go to http://onthehub.com/minitab Minitab 17 is currently not compatible with Mac computers.

Online Course Components:

MyStatLab: Online home 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 computer labs on campus. Either way, you are responsible for completing the assigned homework. If you prefer the flexibility of working on your assigned homework from anywhere with internet access and access to the e-Book. The homework assignments are a critical part of this course. They 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**:   In this course, the quality of the student's writing in assignment and project reports 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 an 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. Students needing an Accommodation in relation to their coursework or to fulfill requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the Associate Head of Mathematics and Statistics, Jim Stallard, by email at jbstall@ucalgary.ca or by phone at 403-220-3953.

   (d) Safewalk: Campus Security will escort individuals day or night (http://www.ucalgary.ca/security/safewalk/). Call 403-220-5333 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@ucagary.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