

Stat 104
Elementary Statistics
Fall 2010
Mr. DiCicco

Department of Mathematical Sciences

READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: Successful completion of Math 101 with a grade of at least C- or exemption out of Math 101 as a result of the Math Placement Exam. No credit given to students with credit for STAT 108, 200, 215, 314, or 315. Stat 104 may be counted toward General Education Skill Area II.

Course Description: The primary objective of this course is to introduce students to the intuitive treatment of some fundamental concepts involved in collecting, presenting, and analyzing data. Topics include frequency distributions, graphical presentations, measures of relative position, measures of variability, probability, probability distributions (binomial and normal), sampling theory, regression, and correlation

Instructor: Mr. DiCicco

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Office: MS 211

Office Hours: Tuesday 1:00-2:00 p.m. in MS 211; Thursday 12:00-2:00 p.m. in MS 211

Textbook: *Discovering Statistics*, by Daniel Larose, 1st edition, by W.H. Freeman and Company, New York

Coverage: The course can be roughly divided into three parts, as follows:

1. Introduction and Descriptive Statistics (Chapters 1-4)
2. Probability and Probability Distributions (Chapters 5-6)
3. Statistical Inference (Chapters 7-9)

Class Meeting Times: TR 3:30-4:45p.m. in LD 211

Course Requirements: Attend and participate in class regularly; complete homework assignments; take quizzes and tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class.

Calculator Use: The TI-83 or TI-84 or TI-83Plus or TI-84Plus is required.

Cell phones and other communication devices: Must be turned off at all times during class.

University Policies:

1. You must take the final examination at the time specified in the course selection book which is on Tuesday, December 14 from 2:00 – 4:00 p.m. in our regularly scheduled classroom.
2. Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.
3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the “general snow message.”
4. The last day to drop a course is Monday, October 25. Approvals for withdrawal are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student’s intention to drop the course.

After October 25 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences. Poor academic performance is not considered an extenuating circumstance.

5. You are responsible for understanding and abiding by the University’s policy on academic integrity. Information on the policy may be found at <http://www.ccsu.edu/AcademicIntegrity/>. This policy is rigorously enforced by the Department of Mathematical Sciences.

Resources Available:

1. If you need help, take advantage of your instructor’s office hours. Do not wait until just before the first test to do so.
2. The Learning Center is located in Rooms 241 and 242, Copernicus. Free tutoring is available. A schedule for hours the Center is open will be posted soon after the beginning of the semester.
3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.
4. A list of private tutors for hire is available in the math department office, Room 107 Marcus White, 832-2835.

Evaluation

Minimum averages have been established for each of these grades:

A	93%	B+	87%	C+	77%	D+	67%
A-	90%	B	83%	C	73%	D	63%
		B-	80%	C-	70%	D-	60%

The average for the course will be based on the following weights: There will be 3 exams given, one of which is the final. The 2 class exams will each count 23% and the final will count 28% of the final grade. Unannounced (or announced) quizzes will count 18% and the computer lab will count the remaining 8%. If more than 2 quizzes are given then I will drop the lowest quiz. The grade on the final, if to your advantage, will replace the lowest in-class test. **Note: There are no make-up exams or make-up quizzes allowed. Therefore if one regular in class exam is missed then the grade will be entered as a 0 and the grade on the final will replace that grade. If two in-class exams are missed or the final exam is missed the grade for the course will be an automatic F. Any quizzes missed exceeding the one that will be dropped, as indicated earlier, will be recorded as a 0.**

Homework will be collected and returned. PLEASE NOTE THAT EXCEPT IN THE CASE OF EXTENUATING CIRCUMSTANCES HOMEWORK IS DUE AS ASSIGNED AND, IF RETURNED TO BE RESUBMITTED, MUST BE RESUBMITTED WITHIN ONE WEEK OF BEING RETURNED. NO HOMEWORK WILL BE ACCEPTED FOR CREDIT AFTER THAT TIME. The effect that homework will have on the final grade is as follows. If all homework assignments are acceptable when due or acceptable when resubmitted as indicated above then four points will be added to the final grade. If one homework assignment is missing then two points will be added to the final grade. If two assignments are missing then there would be no change to the final grade. However for each additional homework assignment that is missing there will be a reduction of one point from the calculated final grade to a maximum reduction of 5 points from the final grade.

Schedule of Important Dates: The tentative dates of the exams are 10/7, 11/11, and 12/14 (final exam 2:00-4:00 p.m. in our regularly scheduled classroom)