

Pueblo Community College
Introduction to Statistics
3 Credit Hours
MAT 135
T, TH 5:30-6:45

Instructor: Susannah Dobson

Home Phone: 544-2972 (before 9:00pm please)

Office Hours: 5:15-5:30pm

Email: sdobson47@yahoo.com

Prerequisites: Successful completion of MAT 106 with a C or better or math assessment.

Resources Needed:

Text: *Essentials of Statistics*, 3rd edition, Mario F. Triola

Supplies: Pencil, paper, scientific calculator (TI-83, TI-83plus, TI-84, TI-84plus
strongly recommended)

Course Description: This course is a basic introduction to statistics. It includes data presentation and summarization, introduction to probability concepts and distributions, statistical inference—estimation, hypothesis testing, comparison of population, correlation and regression.

State Standard Competencies: View online at:

<http://www.pueblocc.edu/Academics/AreasStudy/ArtsSciences/Mathematics/Syllabi/MAT135.htm>

Evaluation Procedures:

Course grades will be based on homework/classwork, chapter exams, and a comprehensive final exam. Each category will account for the following percentage of the overall grade.

		Final Letter Grade	
Homework/Classwork:	25%	90-100	A
Exams:	45%	80-89	B
Final Exam:	30%	70-79	C
		60-69	D
		0-59	F

For instruction on calculating your present grade, please see instructor.

Special Remarks:

Attendance: Attendance will be taken and students will be dropped when they have missed 20% of the total class time. Missed exams will result in a zero for that exam unless prior arrangements have been made.

Conduct: Professional and courteous behavior is expected at all times. Disruptive behavior is unacceptable in the classroom and may result in the student's temporary or permanent removal from the course.

Homework/Classwork/Case Studies:

Homework is the place for students to apply the concepts we discuss in class. There is no substitute for doing the problems on your own. We will discuss homework in class and it is to be used as a study guide for exams.

Please follow the guidelines below for submitting homework.

- ✓ Homework from the previous week will be collected each Thursday in class.
- ✓ Late homework will count, however a late penalty will be assessed.
- ✓ Please
 - Label the upper right-hand corner of your assignment with your name, date submitted, course number, and the number of the homework.
 - **Staple** all pages together.
 - Remember that in statistics, the answer is **never** just numbers. All numbers have contextual meaning which **must** accompany your numerical answers. When you answer a question, answer the question and then justify that answer statistically.
 - Remember that any graphs that are included whether done by hand or software must have:
 - Title
 - Axes must be labeled and scaled appropriately
- ✓ Classwork may consist at times of activities completed with a partner or group and will, on occasion, be collected and evaluated.
- ✓ Case Studies are additional opportunities for you to demonstrate understanding in multiple concepts in statistics. Any case studies that are assigned will have specific guidelines that will be given at that time.

Exams:

In-class exams will be announced at least 1 week in advance.

- ✓ Calculators will be allowed on all exams. (no sharing of calculators and no use of cell phones)
- ✓ All exams will be closed book, however a formula sheet will be provided
- ✓ A comprehensive final exam will be given during finals week

Extra Help: Additional help is available from 5:15-5:30pm in our classroom on Tuesday and Thursday on all days except exam days. Additional time may be arranged with instructor. The math lab is also available for help. Please do not hesitate to ask for additional help if you need it!

Academic Integrity:

The very nature of higher education requires that students adhere to accepted standards of academic integrity. Therefore, Pueblo Community College has adopted a policy of academic conduct as described in the Student Handbook. Violation of academic integrity may be defined to include the following: cheating, plagiarism, falsification and fabrication, abuse of academic materials, complicity in academic dishonesty, and personal misrepresentation. It is the student's responsibility to be aware of the behaviors that constitute academic dishonesty. Sanctions for violating the standards of academic integrity may include warning, probation, suspension, and/or failure of the course or assignment at the discretion of the instructor.

ADA Notice:

Students who have a documented disability may be eligible to receive accommodations for this class. Please see the instructor within the first two weeks of class for any disability issues that need to be addressed. You may contact the Disability Resources Center at 549-3446 for further information.