

Math 535  
Fall 2019

Instructor: Dr. James Fenwick  
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Office Hours: Mon., Wed., Fri 10:00 - 11:00  
Thurs. 10:00 – 12:00  
Others by appointment

Text: An Introduction to Statistical Methods and Data Analysis 6<sup>th</sup> Edition  
Lyman Ott

Course Content: Chap. 5-6 The course will start by reviewing one and two sample tests for means. (T tests). We will then briefly look at some of the nonparametric alternatives to T tests.  
Chap. 10 Categorical data analysis  
Exam #1  
Chap. 11 – 13 Regression Analysis  
Exam #2  
Chap. 8-9 and 14-19 (Topics) Analysis of Variance  
Final exam (not cumulative)

Homework problems will be assigned daily from the text but these will not be collected and graded. Many of these problems will be done using SAS (Statistical Analysis System). There will be three SAS computer assignments collected and graded. SAS is available online (SAS On demand). We will spend one class period in the computer lab learning how to use SAS.

Grading: Two in-class exams and a final will be given. Computer assignments using SAS will be assigned and collected. The final grade will consist of a weighted average of these sources.

In-class	2 @	23% each
Final		23%
SAS assignments		31%

Millersville University and its faculty are committed to assuring a safe and *productive educational environment for all students. In order to meet this commitment, comply with Title IX of the Education Amendments of 1972, 20*

*U.S.C. §1681, et seq., and act in accordance with guidance from the Office for Civil Rights, the University requires faculty members to report to the University's Title IX Coordinator incidents of sexual violence shared by students. The only exceptions to the faculty member's reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project. Faculty members are obligated to report to the person designated in the University Protection of Minors policy incidents of sexual violence or any other abuse of a student who was, or is, a child (a person under 18 years of age) when the abuse allegedly occurred.*

*Information regarding the reporting of sexual violence, and the resources that are available to victims of sexual violence, is available at <http://www.millersville.edu/socialq/title-ix-sexual-misconduct/index.php>*