

Math 536  
Spring 2020

Instructor: Dr. James Fenwick

Office: 109B Wickersham 871-7309  
Jfenwick@millersville.edu

Office Hours: Mon, Wed, Fri 10:00 – 11:00  
Tues, Thurs 11:00 – 12:00  
Others by appointment

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

Others texts will be required from Sage Publications.

Course Content: The course will start by completing and supplementing the material from Ott. This will include Repeated Measures ANOVA, Analysis of Covariance and Split-Plot Designs. We will then look at Loglinear models using a Sage Publication. We will then look at Discriminant Analysis using a Sage Publication. If time permits we will finish with other topics in statistics.

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

In-class	2 @ 20% each
Final	20%
Take-home and SAS assignments	40%

*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.*

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