

Math 536  
Spring 2020

Instructor: Dr. James Fenwick

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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%

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*U.S.C. §1681, et seq., and act in accordance with guidance from the Office for*

*Title IX Coordinator incidents of sexual violence shared by students. The only exceptions to the faculty member 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>*