**Module 0: Preliminaries**

# Syllabus

Required materials  
Class notes (full copy can be purchased from Wharton Reprographics[[1]](#footnote-1))  
JMP 9 software (downloadable from [upenn.onthehub.com](file:///C:\Documents%20and%20Settings\edgeorge\My%20Documents\Teaching%20Wharton%20MBA%20603-621\603-621%20F09\www.e-academy.com))

Recommended text  
Stine and Foster, *Statistics for Business* [on-line review exercises]

Optional materials (on reserve in Lippincott Library)  
Sall, Creighton, Lehman, *JMP Start Statistics* – JMP analyses illustrated  
Freedman, Pisani and Purves, *Statistics* – thoughtful background  
Keller, *Statistics for Management and Economics* – formulas, examples

Other course materials, including these class notes, solutions to assignments and various announcements, are posted on WebCafe.

# Feedback

Assignments and quizzes, but not grades yet!

Office hours

Teaching assistants

Schedule and contact information is available on WebCafe.

# Classroom Expectations – Concert Rules!

Class starts on time

Sit according to the seating chart

Late entry or reentry only under exceptional circumstances

Name tents displayed

All phones, laptops, and electronic devices turned off

# Course Organization

Part *I* Introduction  
Module 1 – Data and Variation

Part *II* Probability  
Module 2 – Probability Models  
Module 3 – Variance and Volatility   
Module 4 – Association and Dependence  
Module 5 – Covariance and Portfolios

Part *III* Inference  
Module 6 – Sampling and Sampling Distributions   
Module 7 – Standard Errors and Confidence Intervals  
Module 8 – Statistical Hypothesis Testing

Emphasize interpretation rather than computation. JMP software does the tedious calculation.

Stat 603 provides a *crucial* foundation for Stat 621, the fall term core statistics course.

May also consider Stat 608: Waiver Preparation, Stat 622: Continuation of Stat 621.

1. Through www.study.net [↑](#footnote-ref-1)