**Module 0: Preliminaries**

# Syllabus

Required materials:

Class notes (full copy can be purchased from Wharton Reprographics)

JMP 8 software (downloadable from need new URL)

Basic Business Statistics Casebook

Optional materials (on reserve in Lippincott Library)

Freedman, Pisani, and Purves (FPP) – thoughtful background

Hildebrand, Ott, and Gray (HOG) – formulas, worked examples

All information and other course material, including Class Notes and Assignment Solutions, 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* : Variation

Module 1 – Introduction: Data and Variation

Module 2 – Finding Structure in Data

Part *II* : Models of Variation

Module 3 – Probability Models

Module 4 – Variance and the Volatility of Investments

Module 5 – Covariance and Portfolios

Part *III* : Inference

Module 6 – Sampling, Sampling Distributions, and Standard Errors

Module 7 – Confidence Intervals

Module 8 – Statistical Hypothesis Testing

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

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

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