MAT 750, STATISTICAL CONSULTING
SPRING 2014 SYLLABUS

Instructor: Thomas John, Ph.D.   **Office**: Carnegie 219A, x1587, thjohn@syr.edu
Class: TTh 12:30-1:50PM Archbold 203   **Office Hours**: TTh 2-3 PM (or by appointment).

Text: Links to publicly available textbooks and resources will be announced in class and provided on the course blackboard page.

Course Description: The overall goal will be to introduce statistical analyses topics from the perspective of statistical consulting, the associated implementations via statistical software, and reporting the results to a non-statistician audience.

Prerequisite: Familiarity with introductory statistical theory is expected.

Grading: Grades for the course will be based on the total number of points accumulated on two exams, a number of small assignments/projects, and attendance/participation. The exams will count 25% each, assignments/projects will count 35%, and the attendance/participation 15% towards your grade. The dates for the exams will be announced as the semester progresses.

Cell Phones: Cell phones should be turned off and put away during class (note: participation counts 15% of course grade). Calculators on cell phones may not be used on tests.

Software: Familiarity with using computers for data manipulation and results presentation is expected. Relevant introduction to statistical software (R, SAS, and SPSS) usage as needed will be provided in class. Students will be expected to explore advanced usage on their own using widely available online resources.

Attendance: You are expected to attend every class (again, note that the attendance counts 15% of course grade). If you miss a class, it is your responsibility to obtain a copy of the lecture notes for that class from another student. You are also responsible for any announcements about changes to the course schedule, the exam schedule, or the course requirements that were made during that class.

Academic Integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see http://academicintegrity.syr.edu.

Learning Goals and Expectations: Students are expected to use/understand probability & statistics related mathematical notations & concepts, master the basic notions of statistical analyses, select/apply appropriate methods for statistical problems, and acquire the skills necessary for the applications of these topics.

Disabilities: If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), http://disabilityservices.syr.edu, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations.