

# MAT 221: Probability & Statistics I

## Fall 2014

### T.A. Information

*Name:* Caleb McWhorter  
*Office:* Carnegie 400D  
*Email:* cgmchwor@syr.edu  
*Office Hours:* T: 3:30–4:30; R: 10:00–11:00

### Class Information

*Time:* 11:40–12:35  
*Classroom:* Carnegie 306

Additional individual meetings to discuss course material or any other concerns can be scheduled by contacting me via email, after class, or during office hours. On occasion if I am on campus with free time available, I will post where I can be located along with the times I will be there on my 'Office Hours' tab on my webpage.

### Course Description

This course is the first course in the Quantitative Skills sequence MAT 221–222. The primary objective of MAT 221 is to provide students with knowledge of elementary probability and statistics. Students will learn the basic concepts of descriptive statistics, design of experiments, probability theory, sampling distributions, and estimation of parameters. Students continuing to MAT 222 will learn how to use statistics to make various decisions.

### Course Information

- **Required Text:** *Introduction to the Practice of Statistics* by D. S. Moore, G. P. McCabe, and B.A. Craig, 8th edition.
- **Course Instructor:** Dr. Thomas T. John, 219A Carnegie Hall, 315.443.1587, thjohn@syr.edu
- **Course Supervisor:** Dr. Suanne Au, 207 Carnegie Hall, 315.443.1498, xgau@syr.edu

### Recitation Expectations

While course material will be covered during lecture hours, your opportunity to ask questions in a smaller group setting occurs during recitations. The beginning of recitation will typically be open to questions anyone has from the lecture hour, textbook, or homeworks followed by discussion or group problems to practice course concepts. Weekly course quizzes occur during the recitation hour, typically at the end of class so your attendance of recitations is essential. While homework is not collected during the course, your doing the problems allows you to ask questions during recitation about any difficulties you may have had in completing the problems. Finally consistent with the class syllabus, cell phones and other electronic devices (with the exception of 'standard' calculators) will not be permitted during recitations.