Instructor: Deborah Harris, Davidsen Building, ACT Campus, 500 ACT Drive, 337-1027, deborah.harris@act.org
Office Hours: 7:15 a.m. to 8:15 a.m., M, W, F (in/outside classroom); or by appointment
Department: Psychological and Quantitative Foundations, 361 LC, 335-5579
DEO: Joseph B. Lang, 241 Schaeffer Hall, 335-0712, joseph-lang@uiowa.edu

Administrative Home: The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Academic Policies Handbook at http://clas.uiowa.edu/students/handbook

TAs: Will Claypool, 256 SH, 353-2058 will-claypool@uiowa.edu
Reid Ronnander, 267 SH, 335-0723 reid-ronnander@uiowa.edu
Office Hours: Will: 1p.m.-1:45 p.m. T and TH Reid: 9 a.m. - 10:30 a.m. T


Course Description: This course provides an overview of the logic and techniques involved in quantitatively analyzing and interpreting empirical data. Methods for displaying data graphically and for describing characteristics of data will be covered in the first part of the course dealing with descriptive statistics. The second part of the course includes topics in elementary probability theory and sampling, forming a basis for techniques of statistical inference. The problem of inference, attempting to make generalizations that go beyond the data at hand, is the focus of the third part of the course.

This is a General Education course in Quantitative or Formal Reasoning. Courses approved in this area have as their primary purpose the development of the analytical powers of the student as they might be exercised in presentation and evaluation of mathematical or other formal symbolic systems. Students will learn and practice methods of statistical reasoning. Students will also learn to evaluate arguments made in the symbolic system embodied in the course and will become familiar with its major concepts and ways of formulating questions.

Course Requirements:
- Readings (see schedule for textbook chapters)
- Exercises and review exercises from textbook (for self study, review in discussion sections with the TA; see schedule)
- Discussion quizzes (open book). TA will provide schedule.
**Discussion Sections**
These are scheduled with the course TA for the purpose of answering questions from lectures, reviewing problems and exams, and taking quizzes. Discussion sections will meet first on January 20 and 22, 2015.

**Quiz Schedule**
Will be announced in Discussion

**Course Grades**
- final grades are based on the quizzes (10% total), and the three exams (30% each)
- plus/minus grading will be used
- absence from a quiz or exam must be cleared, by phone or in person, with the instructor (exam) or TA (quiz) on or before the exam date
- any student who is absent from a quiz or exam must submit a completed *Absence from Class Form* to the Instructor (exams) or TA (quizzes) before being allowed to write a make-up (see [http://www.registrar.uiowa.edu/Student/FormsforStudents/tabid/79/Default.aspx](http://www.registrar.uiowa.edu/Student/FormsforStudents/tabid/79/Default.aspx))
- any unexcused absence from a quiz or exam will result in a score of zero with no opportunity for a make-up

**Attendance & Assignments**
- students are expected to attend all lectures; attendance may be taken
- this is a 3-semester-hour course; therefore, students are expected to spend (on average) 6 additional hours of outside work per week (not including exams), for a total of 9 hours per week if lecture time is included
- discussion section attendance is compulsory on those days when quizzes are scheduled; otherwise, attendance is optional, but strongly encouraged
- students are expected to answer all questions in the exercises and review exercises of the text chapters included in the schedule

**CLAS Final Examination Policies**
- the final examination schedule for each class is announced around the fifth week of the semester by the Registrar
- final exams are offered only during the official final examination period
- no exams of any kind are allowed during the last week of classes
- all students should plan on being at the UI through the final examination period
- once the Registrar has announced the dates and times of each final exam, the complete schedule will be published on the Registrar's web site

**Accommodations for Disabilities**
- a student seeking academic accommodations should first register with Student Disability Services and then meet privately with the course instructor to make particular arrangements
- see [www.uiowa.edu/~sds/](http://www.uiowa.edu/~sds/) for more information

**Academic Honesty**
- all CLAS students have, in essence, agreed to the College's [Code of Academic Honesty](http://www.uiowa.edu/~sds/):
  "I pledge to do my own academic work and to excel to the best of my abilities, upholding the *IOWA Challenge*"
  
  “I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty”
- any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled ([CLAS Academic Policies Handbook](http://www.uiowa.edu/~sds/))
Electronic Communication
- University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu)
- faculty and students should use this account for correspondences (Operations Manual, III.15.2, k.11)

Making a Suggestion or Complaint
- students with a suggestion or complaint should first visit with the instructor (and the course supervisor), and then with the departmental DEO
- complaints must be made within six months of the incident (CLAS Academic Policies Handbook)

Understanding Sexual Harassment
- sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff
- all members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning
- incidents of sexual harassment should be reported immediately
- see the UI Comprehensive Guide on Sexual Harassment for assistance, definitions, and the full University policy

Reacting to Severe Weather
- in severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary
- the class will continue if possible when the event is over
- for more information on Hawk Alert and the siren warning system, visit the Department of Public Safety website