STAT2215Q: Introduction to Statistics II - Online course
Summer II 2012 (July 9-Aug 17 2012)- Instructor: Prof. Nalini Ravishanker

Catalog Description: 2215Q (201). Introduction to Statistics II. Either semester. Three credits. Prerequisite: STAT 1000 (100) or 1100 (110). Open to sophomores or higher. Analysis of variance, multiple regression, chisquare tests, and non-parametric procedures.


Material covered:
Chapter 1 – Drawing Statistical Conclusions (Basics and review)
Chapter 2 – Inference using t-distributions (t-Tools)
Chapter 3 – A Closer Look at Assumptions
Chapter 4 – Alternatives to t-Tools
Chapter 5 – Comparisons among Several Samples
Chapter 7 – Simple Linear Regression
Chapter 8 – A Closer Look at Assumptions of Simple Linear Regression
Chapter 9 – Multiple Regression
Chapter 10 – Inferential Tools for Multiple Regression
Chapter 18 – Comparisons of Proportions or Odds

There will be one mid-term exam and one final exam, both must be proctored exams, either at UConn Storrs, regional UConn campuses, or approved proctor locations – approval and arrangements for locations other than Storrs must be made prior to starting the course.

Students will use an interactive software package MINITAB for doing the data analysis. MINITAB is available in computing labs at UConn and also available on the vPC (http://vpc.uconn.edu)

Instructor e-mail: Use huskyct mail and if necessary, nalini.ravishanker@uconn.edu
Homepage: http://stat.uconn.edu/~nalini

Office Hours: Between July 9 and Aug 17: Mon 5:00 – 6:00pm; Thurs: 5:00 – 6:00pm; Extra Office hours: Wed July 25 5:00 – 6:00pm; Thurs Aug 16 5:00 – 6:00pm
During my Office Hours, I will be available through Huskyct mail, and the Huskyct Discussion/Chat board, and should be able to respond immediately.
Outside of my office hours, if you do not get an email response from me within 48 hours, please contact me again.

Distribution of Grades:
Discussion Participation: 5%
Homework: 25%
Midterm Exam: 30% (proctored; July 26, 2012; 5:00-7:00pm in CLAS 344, Storrs)
In Class Final Exam: 40% (proctored; August 17, 2012; 5:00-7:00pm in CLAS 344)
Information on where students can get technical help

a. For help with HuskyCT issues, students should contact the Learning Resource Center (LRC) -http://www.lrc.uconn.edu/help/ or 860-486-1187.

b. For help with vpc, students should contact HuskyTech: http://huskytech.uconn.edu/ which offers live online help or phone support at 860-486-4087.

Accessibility
Students with disabilities who believe they may need accommodations in this class are encouraged to contact the Center for Students with Disabilities (http://www.csd.uconn.edu/) as soon as possible to better ensure that such accommodations are implemented in a timely fashion.

Academic Student Code
Academic dishonesty of any type will not be tolerated in this class. Students should refer to the Student Code (see section on Academic Integrity - http://www.community.uconn.edu/student_code.html) for specific guidelines.