STAT 5140: Probabilistic & Statistical Reasoning: Syllabus, Fall 2014

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Office Hours: Please set an appointment by speaking with me after class or by emailing me. My regular office hours are MW 2-4 and R 9-11.

PURPOSE: This course introduces the foundations of applied statistics by covering descriptive statistics, probability and statistical inference.

PREREQUISITE: Admissions to the MSPS program or permission of the instructor.


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TOOLS: You will need to bring to class a calculator which has the ability to complete statistical computations. The TI-83, TI-83 Plus, and TI-84 graphing calculators are good options as instructor can assist with questions about these models.

GRADING: The course grade will be based on the student’s performance on the following:
1. Attendance score – 20%
2. Midterm Exam score – 40%
3. Comprehensive Final Exam score – 40%

FINAL GRADE STRUCTURE:  
A – [90,100]; B – [80. 90); C – [70, 80); D – [60, 70); F – [0, 60)

ATTENDANCE: Attendance is expected. A record of attendance will be kept for each student. Attendance at exams is required. No make-up exams are given. The only exception is if MTSU is closed (i.e. inclement weather), then the test will be rescheduled for the next scheduled class meeting.

STUDENT RESPONSIBILITIES: Class attendance, preparation, and participation are required. Learning statistics is not a spectator sport. Students are encouraged to work together on problems that will not be graded. Students are expected to be honest and ethical at all times.

HOMEWORK: Promptly completing homework is a crucial part of a successful experience in this class. Homework is for your benefit.

Reasonable Accommodations for Students with Disabilities:  
Middle Tennessee State University is committed to campus access in accordance with Title II of the Americans with Disabilities Act and Section 504 of the Vocational Rehabilitation Act of 1973. Any student interested in reasonable accommodations can consult the Disability & Access Center (DAC) website www.mtsu.edu/dac and/or contact the DAC for assistance at 615-898-2783 or dacemail@mtsu.edu

Important Dates:  
• Last Day to drop without a grade: September 7  
• Last Day to drop with a W: October 29  
• Midterm Exam: October 6  
• Final Exam: December 1