Welcome to Math 183. Statistics is one of the most applicable fields in mathematics. We will analyze data, fit curves to data and apply probability to solve real world problems. Statisticians are employed in government, industry, and academia so an understanding of this field can lead to many lucrative careers. We will be using MyStatLab. Students should obtain notes and assignments from this site prior to class each day. See the attached handout for MyStatLab registration information. We will move quickly so keep up. You will have online homework assigned each day. Do the problems every night! I will usually spend the first few minutes of class discussing the previous homework but may not always have time to do so. Call or contact me if you are having problems. If I did not like talking to students, I would do something else for a living. Make use of my office hours and always come to class prepared!

Description
Prerequisite: Eligibility for College Algebra based on Math ACT or MPE scores, or DMA 096C with grade of C or better (see [http://www.wku.edu/math/math_placement.php](http://www.wku.edu/math/math_placement.php)). (Gen Ed. D II) Introduction to elementary probability theory. The analysis of data by means of frequency distributions and the statistics which describe them. The binomial and normal probability distributions. Statistical inference. Emphasis is on applied real world problems. Not accepted for credit toward a mathematics major or minor.

Course Materials
• The physical textbook is optional; the entire content of the textbook can be accessed electronically within the MyStatLab program.

Material to be Covered
We will cover selected topics from chapters 1 through 11 of the textbook. We will not necessarily cover topics in the order in which they are presented in the text.

Technology
• Each student will need a graphing calculator for use in class and for assignments. TI-83 and TI-84 are preferred, and instruction for these models will be given (in fact, the text is specifically designed for these models). Cell phone calculators are not permitted for use on exams!
• A subscription to MyStatLab is required (packaged with the eBook). The Course ID: spraker80885

Graded Work
• Exams (60%) Three in-class exams will be given during the course of the semester. Exams other than the final may be taken early but almost never late. Contact me before the exam if you feel that your situation merits a make-up.
  Exam I Thursday February 14
  Exam II Thursday March 7
  Exam III Thursday April 18
• Online Homework (20%)
  ▪ Homework will be assigned via MyStatLab regularly throughout the semester. It is your responsibility to access the assignment in adequate time to complete it before the due date.
• Final Exam (20%) A comprehensive final exam will be given on Tuesday, May 7 at 1:00 PM.
Grading Scale
90% - 100%  A
80% - 89%  B
70% - 79%  C
60% - 69%  D
0% - 59%  F

Important Dates
January 29:  Last day to add/drop classes
March 11-15:  Spring Break
March 18:  Last day to drop a class with a W

Student Disability Services
In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in DUC A-200 of the Student Success Center in Downing University Center. Please DO NOT request accommodations directly from the instructor without a letter of accommodation from the Office for Student Disability Services

MyStatLab

Welcome Students!

MyStatLab is an interactive website where you can:
• Self-test & work through practice exercises with step-by-step help to improve your math skills.
• Study more efficiently with a personalized study plan and exercises that match your book.
• Get help when YOU need it. MyStatLab includes multimedia learning aids, videos, animations, and live tutorial help.

Before You Begin:
To register for MyStatLab, you need:
✓ A MyStatLab student access code (available as a MyStatLab/eBook package from the bookstore)
✓ Your instructors’ Course ID: spraker80885
✓ A valid email address

Student Registration:
• Enter www.mystatlab.com in your web browser.
• Under Register, click Student.
• Enter your Course ID exactly as provided by your instructor and click Continue. Your course information appears on the next page. If it does not look correct, contact your instructor to verify the Course ID.
• Sign in or follow the instructions to create an account. Use your WKU email address and, if possible, use that same email address for your username. Read and accept the License Agreement and Privacy Policy.
• Click Access Code. Enter your Access Code in the boxes and click Next. If you do not have an access code and want to pay by credit card or PayPal, select the access level you want and follow the instructions. You can also get temporary access without payment for 17 days.

Once your registration is complete, a Confirmation page appears. You will also receive this information by email. Make sure you print the Confirmation page as your receipt. Remember to write down your username and password. You are now ready to access your resources!

Signing In:
• Go to www.mystatlab.com and click Sign in.
• Enter your username and password and click Sign In.
• On the left, click the name of your course.
The first time you enter your course from your own computer and anytime you use a new computer, click the **Installation Wizard** or **Browser Check** on the Announcements page. After completing the installation process and closing the wizard, you will be on your course home page and ready to explore your MyStatLab resources!

**Need help?**
Contact Product Support at [http://www.mystatlab.com/student-support](http://www.mystatlab.com/student-support) for live CHAT, email, or phone support.