

Math 135 - 2 ~ Fall 2009
Introduction to Probability and Statistics
9:30am-10:20am MTThF ~ Faculty Hall 307
4 Credit hours

Kenny Fister
Faculty Hall 6A-8
Phone: 809-5375
Kenny.Fister@murraystate.edu

Website: <http://campus.murraystate.edu/academic/faculty/kenny.fister/index.htm>

Office Hours: MTThF 10:30 am-11:30 pm. Others by appointment.

Description: Elementary probability, the binomial, normal, student's and chi-square distributions, random sampling, regression and correlation.

Prerequisite: ACT math standard score of at least 20 or MAT 105.

Textbook: *Intro Stats*, 3rd ed., by De Veaux, Velleman, & Bock. We will cover parts of chapters 1-27.

Calculator: A graphing calculator is required. The preferred calculator is one in either the TI-83 or TI-84 family of calculators. Others may be used with the permission of the instructor.

Attendance: Attendance will be checked each class and will figure into the grade in two ways. First, ANY absence counts as 2 missed class points. Second, 10 bonus points will be added to the final semester points if a student misses 4 or fewer classes. 5 bonus points will be added if a student misses 5 to 8 days. Habitual tardiness also counts as an absence. If a student is late, it is the responsibility of the student to contact the instructor at the end of class. Leaving class early will count as an absence unless you contact the teacher before with a legitimate reason.

Class Points:

- Homework assignments will be put on the board at the end of each class period. Homework needs to be done neatly and separate from the class notes. Homework will be taken up during the term. If the homework is not neat or if only answers are given then a grade of 0 will be given. Assignments must be completed by the next class period. If a student misses class it is their responsibility to find out the assignment.
- Throughout the term group work will be assigned to be done in class.
- If any projects are assigned they will count toward class points.
- There is NO makeup for any homework or group work. At least 10 points will be dropped at the end of the semester to make up for the possibility that a student missed for a legitimate excuse (sickness, school event, etc.).
- **EXAMPLE:** At the end of the semester a student has a total of 15 out of 20 from homework, 110 out of 130 from group work, and 6 absences. The student's class points will be calculated as

$$100 \left(\frac{15 + 110}{20 + 130 + 6(2) - 10} \right) = 82.2.$$

- There is a maximum of 100 class points.

Tests: The 4 test are tentatively scheduled for **September 11, October 6, October 29, and November 20**. If a test is missed for a reasonable excuse, it is the student's responsibility to contact the instructor **within 1 day** of the exam. Otherwise, the test grade will be 0. Typically, the makeup will be the percentage correct on the corresponding section of the final.

Final: The final exam is **cumulative** and it will be from **8:00 am to 10 am** on **Tuesday, December 8**.

Grade Change Option: Along with the final counting the same as a test, a student has the option to replace **one** test grade with the average of the original test grade and grade on the final. This option will be at the top of the final. This will only be applied if it helps the grade.

Grading: The final grade will be determined by adding together attendance bonus points, class points (group work, homework, and any projects) worth 100 points, the four test grades each worth 100 points and the final. This total is the final semester points. The final grade is then determined by dividing the semester points by 6.

Grading Scale: A = 90 or above, B = 80-89, C = 70-79, D = 60-69, and E = 59 or below.

Tutoring: Tutoring is available on the 1st floor in Lowry Center. (Phone: 809-2666)

Auditing: The student MUST have the permission of the instructor to audit or change to audit the course. An auditor MUST maintain a 60 on the class points and a test average of 40. In addition, an auditor can miss no more than 5 class periods after changing to an audit.

Academic Honesty Policy: Any instance of academic dishonesty, as determined by the instructor, (in compliance with the Board of Regents policy on Academic Integrity - Feb. 1975) will result in zero points for the assignment and possibly a grade of "E" for the course.

Non-Discrimination Policy Statement: Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or the provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact Sabrina Y. Dial, Director of Equal Opportunity, Murray State University, 103 Wells Hall, Murray, KY 42071-3318. Telephone: 270-809-3155 (voice), 270-809-3361 (TDD).