

SYLLABUS: MA/ST 3123 “INTRODUCTION TO STATISTICAL
INFERENCE”
Spring, 2006

11:00 a.m. - 11:50 a.m., Monday and Friday, Allen 18
2:00 p.m. - 3:50 p.m., Thursday, Allen 18

INSTRUCTOR INFORMATION:

Name: Dr. Jane L. Harvill
e-mail: harvill@math.msstate.edu
Phone number: 325-3414
Office location: Allen Hall, Room 438
Office hours: 9:00 a.m. - 10:30 a.m., Monday and Friday
1:00 p.m. - 2:00 p.m., Thursday,
or by appointment only.

COURSE DESCRIPTION: Basic concepts and methods of statistics, including descriptive statistics, probability random variables, sampling distribution, estimation, hypothesis testing, introduction to analysis of variance, simple linear regression.

COURSE PREREQUISITES: MATH ACT subscore of 24 or higher, or a grade of “C” or better in MA 1313 *College Algebra*, “Review of fundamentals; linear and quadratic equations; inequalities; functions; simultaneous equations; topics in the theory of equations.” If you do not satisfy the prerequisites, you will be dropped from the course.

REQUIRED TEXTBOOK: *Introductory Statistics*, Seventh Edition by Neil A. Weiss. Published by Pearson, Addison-Wesley, Boston.

REQUIRED SOFTWARE: There are two on-line software systems:

1. *WebCT* will be used for posting course announcements, this syllabus, assignments, and grades. Students registered in this course are automatically registered in *WebCT* by MSU. The URL for *WebCT* is <http://www.webct.msstate.edu>. To access our course materials, click on **Academic Courses**. Log in using your MSU NetID and password. Click on **Intro to Stat. Inf.**
2. *MyMathLab* is located at <http://www.coursecompass.com>. A significant portion of homework will be completed using *MyMathLab*. To use *MyMathLab*, you must first register. Your textbook comes with a student access code needed to complete the registration process. The course ID is also needed and is harvill118521.

GRADE ASSIGNMENT: Grades will be assigned on the traditional 10-point scale.

90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
Below 60	F

Grades will be computed using a weighted average of average grades on homework, projects, attendance, and exams. Specifically

Attendance	5%
Three hourly in-class exams	10% each
Homework and computer-based projects	30%
Comprehensive Final Exam	35%

ATTENDANCE POLICY: Attendance is mandatory. You are expected to attend the every lecture for its entirety. If you leave early or arrive late, you will be counted absent for that day.

CALCULATOR POLICY: A scientific calculator is required for this course. A TI-30xa is sufficient. Procedures for working problems will be explained for this type of calculator only.

CELL PHONE POLICY: Cell phones are not permitted to be used in any fashion during class. Please turn them off before entering the classroom. Any use of a cell phone during class will result in the student being publically told to leave the class and will result in an absence for that day.

IMPORTANT UNIVERSITY DATES: Please note that

1. January 24 (the fifth day of classes) is the last day for registration or adding a course.
2. January 31 (the tenth day of classes) is the last day for dropping a course without a grade.
3. February 28 is the last day to drop a class with a grade of "W".
4. March 8 is the last day to apply for a degree for May commencement and to apply for advanced standing examination.
5. March 13-17 is Spring Break
6. April 14 is a holiday.
7. April 20 is the last day to withdraw from the University.
8. The Final Exam is comprehensive and is scheduled from 12:00 p.m. - 3:00 p.m. on Tuesday, May 9, 2006.