

General Elementary Statistics - Stat 171 - Sections 39, 40, and 46 Syllabus - Fall 2014

Instructor: Keivan Hassani Monfared

Office: Morgan Hall 480

Email: k-hassanimonfared@wiu.edu

Phone: 309 298 1466

Office Hours: MTWHF 2:00 – 3:00pm

Class period: MWF 10:00am – 10:50am (Section 39),
MWF 11:00am – 11:50am (Section 40),
MWF 1:00pm – 1:50pm (Section 46)

Prerequisites: Satisfactory completion of Math 100 or a satisfactory score on the placement exam. Anyone currently enrolled who does not have the necessary prerequisites should contact the Department of Mathematics immediately, so that you can be placed in the appropriate course.

Textbook: Larson and Farber; **Elementary Statistics**, 6th edition, Pearson.

- MyStatLab (has a complete e-book version)
- Access to Western Online (Desire2Learn)
- Some students may prefer a hardbound copy of the text. This is optional. But, if you do buy a hardbound version, make sure you buy one that includes the **MyStatLab**.

Make sure you have access to the book during the class period.

How this class works: Each day, a section of the book will be assigned for you to read which generally will take you less than half an hour. Then you will take a very short online quiz on that section prior to coming to class. The quiz scores form 10% of your total grade. During the class period we will go through the sections that you have read and discuss them in more details, also your questions will be answered. Then you will do the online homework. There are 3 semester exams on Fridays of 4th, 8th, and 12th weeks of the semester, (see below for the schedule) and a final exam at the end of the semester. There are also 4 sets of written homework problems to prepare you for the exams. The written homework problems will be assigned during the semester, and they will be due Mondays of the weeks before the weeks of exams (see below for the schedule).

Coverage: With some omissions/additions, the following chapters will be covered:

- Chapter 1: Introduction to Statistics
- Chapter 2: Descriptive Statistics
- Chapter 3: Probabilities
- Chapter 4: Discrete Probability Distributions
- Chapter 5: Normal Probability Distributions
- Chapter 6: Confidence Intervals
- Chapter 7: Hypothesis Testing With One Sample
- Chapter 8: Hypothesis Testing With Two Samples
- Chapter 9: Correlation and Regression

Objective: Probabilities, principles and applications of sampling, estimation, and hypothesis testing.

Attendance: It is your responsibility to report your absences online. Each unexcused or unreported absence will affect your grade by 1%.

Written Homework: Homework problems will be assigned during the semester. You will turn in the homework on Mondays of the 3rd, 7th, 11th, and 15th week of the semester. I will grade them for completion and return them to you on the Wednesdays of those weeks and I will provide the solution. You will hand the graded papers back to me on Fridays, and I will return the graded papers on the next Monday. This is a very important part of your learning process.

Online Homework: Problems will be assigned during the semester using MyStatLab. The due dates are flexible and might be changed often, according to the pace of the course.

Quizzes: Using MyStatLab, timed quizzes will be assigned, having a due date, on a regular basis. An 80% or better is required. DO NOT wait until the last minute to complete the quiz. Several in-class written quizzes may also be assigned during the semester.

Exams: There are three in-class semester exams and a final exam. Tentative dates are:

- Exam 1: Friday Sept 19
- Exam 2: Monday Oct 13
- Exam 3: Friday Nov 7
- Final Exam: TBA

The semester exams will take place during the class period.

Grading Policy: Your percentage grade is determined by the following:

Quizzes	10%
Online Homework	20%
Written Homework	10%
Exams 1, 2, and 3	10% each
Final Exam	30%

You can estimate your letter grade by using the following scale:



Getting Help: You are encouraged to work in groups as much as possible on homework. Often, having a second perspective helps in the understanding process. You are also welcome to stop by my office.

Note: “In accordance with University policy and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. For the instructor to provide the proper accommodation(s) you must obtain documentation of the need for an accommodation through Disability Resource Center (DRC) and provide it to the instructor. It is imperative that you take the initiative to bring such needs to the instructor’s attention, as he/she is not legally permitted to inquire about such particular needs of students. Students who may require special assistance in emergency evacuations (i.e. fire, tornado, etc.) should contact the instructor as to the most appropriate procedures to follow in such an emergency. Contact Disability Resource Center (DRC) at 298-2512 for additional services.”

Students rights and responsibilities: Visit: <http://www.wiu.edu/provost/students.php>

Academic Integrity Policy: Visit: <http://www.wiu.edu/policies/acintegrity.php>

Note: The policies in this syllabus are subject to change. Minor changes will be announced in class and substantive changes shall be communicated in writing.

To register for **Stat 171 Fall 2014**:

1. Go to pearsonmylabandmastering.com.
2. Under Register, click **Student**.
3. Enter your instructor's course ID: **monfared13642**, and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
 - If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click **Sign in**.
 - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
 - Use the access code that came with your textbook or that you purchased separately from the bookstore.
 - Buy access using a credit card or PayPal.
 - If available, get 14 days of temporary access. (Look for a link near the bottom of the page.)
6. Click **Go To Your Course** on the Confirmation page. Under MyLab & Mastering New Design on the left, click **Stat 171 Fall 2014** to start your work.

Retaking or continuing a course?

If you are retaking this course or enrolling in another course with the same book, be sure to use your existing Pearson username and password. You will not need to pay again.

To sign in later:

1. Go to pearsonmylabandmastering.com.
2. Click **Sign in**.
3. Enter your Pearson account username and password. Click **Sign in**.
4. Under MyLab & Mastering New Design on the left, click **Stat 171 Fall 2014** to start your work.

Additional Information

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.