

SYLLABUS – Spring 2014
MATH 115 – ELEMENTARY STATISTICS

REQUIRED TEXT/SOFTWARE:

- (1) *Introductory Statistics* Prem S. Mann (*8e Custom*), published by Wiley
- (2) *Software: WileyPlus Mann 8e course and Blackboard Integration.*
- (2) Acceptable calculators include the TI-30XII, and TI-34 or the Windows 7 Calculator on Math Lab's computers.

LEARNING OBJECTIVES FOR THE COURSE: After completing Math 115, students should have a basic understanding of the proper statistical techniques used to estimate population parameters. These techniques include ways for setting up a well-defined study, methods for organizing and displaying data, methods for summarizing data by using descriptive statistics. In addition, students will learn the basic concepts of probability, how to create confidence intervals, complete hypothesis tests. By the time the students finish studying this book, they will have learned how to think statistically.

TESTS AND ASSIGNMENTS:

1. There will be three (3) online tests during the course. Each test will count 100 points. The format of the tests is at the discretion of the course coordinator. The lowest of the three test grades can be dropped at the end of the semester.
2. There will be 19 Home Works for a total of 246 grade-point. This will be converted to a 100 point scale homework scores of Final total. The majority of these points will be made up of lessons assigned from Blackboard --*WileyPLUS*. See the instructions at the end of this syllabus for how to use the Blackboard—WileyPLUS integration.
3. There will be a comprehensive final exam, **which is an in classroom exam**, for the course worth 200 points. All students must take the final exam.

FINAL GRADE: The final grade will be based on the following point scale:

<u>Grade</u>	<u>Points Necessary for Grade</u>
A	450 – 500 = 90% - 100%
B+	435 – 449 = 87% < 90%
B	400 – 434 = 80% < 87%
C+	385 – 399 = 77% < 80%
C	350 – 384 = 70% < 77%
D	300 – 349 = 60% < 70%
F	below 300

ATTENDANCE POLICY: It is essential to attend every class in order to do well in mathematics. Our classrooms are equipped with automated attendance systems that allow students to “sign” themselves into class by swiping their student identification cards. Please consult this webpage for more information about the system: <http://technews.blog.olemiss.edu/2013/01/16/new-attendance-tracking-scanners-for-um-classrooms>. Each student is responsible for “signing” into the class every day as an indication of class attendance and participation. As you “sign” in, pay attention and confirm that your identification has been successfully recorded. Use your own student identification to “sign” in. **Do NOT “sign” in for your friends or have a classmate “sign” in for you.** Attendance (and identity) fraud is a form of academic dishonesty (and it is illegal); students engaging in fraud will fail the class and will be reported to the university for further disciplinary action. If you must leave class after signing in, please alert me before class begins. If you sign in and leave, you will fail the class and you will be cited for academic fraud. *You may scan from 10 minutes prior to class until 10 minutes after class begins. It is your responsibility to see me immediately after class if you are more than 10 minutes late.*

All students are required to spend 50 minutes in the Math lab each week in addition to lecture. In the event that the full 50 minutes is not recorded in the lab, an absence will be counted for that student. Students are allowed five (5) absences without penalty. **For each absence above the allowed limit, ten (10) points will be deducted from the student's final points total.**

The Jackson Avenue Center Mathematics Lab: The computer lab is located in Old Wal-Mart. It is room A01. The students will enter the main entrance to the building and take an immediate left to find the lab. Students are required to spend 50 minutes each week working on their statistics homework in the lab. No other work is allowed! This includes coursework for other classes, email, or internet browsing. Each student is required to bring his or her Ole Miss ID card to the lab. Students are required to swipe their cards upon entrance to and exit from the lab in order that their times be recorded in the computer system. It is the responsibility of the student to swipe in and out properly. **Absolutely no cell phones are allowed in The Jackson Avenue Center Mathematics Lab!**

The Jackson Avenue Center Mathematics Lab **HOURS: Monday-Thursday 10 NOON - 7PM; Friday 10 NOON - 5PM.**

Students can use the link below to see if there are computers available. They can also look up their lab scan logs there.
<http://attendance.olemiss.edu/mathlab.html>

VERY IMPORTANT:

1. If a test is missed for ANY reason, a grade of 0 will be given. There will be no make-up tests given except for University approved functions.
2. Any person who must miss a scheduled test because of an official University function must reschedule and take this test at a time BEFORE the test is scheduled to be given. NO OTHER rescheduling will be allowed.
3. There is a 50% penalty attached to the late assignment.
4. An "I" grade will not be given without the permission of the Department of Mathematics.
5. If a student wishes to discuss the grading policy, the testing policy, or have any conversation regarding the instructor of the course, please make an appointment with the course coordinator in the Department of Mathematics.

CHEATING: The following statement is the policy in Math 115 for the Department of Mathematics on cheating:

OFFENSES: Cheating on any exam, quiz, work to be completed in class; cheating on final examination; theft or attempted theft of exam questions or possession of exam questions prior to the time of the examination shall all be offenses subject to appropriate penalties.

PENALTIES: The penalty for commission of any offense set out above is failure in the course and, subject to the approval of the Chancellor, dismissal or suspension from the University.

WITHDRAWAL DEADLINE DATE FOR Spring 2014 SEMESTER: *Tuesday, March 4.* After the Course Withdrawal Deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise, the grade recorded will be F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergencies as determined by the academic dean. Dropping a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student has changed his or her major.

ACADEMIC NEEDS: It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will then be made by that office through the student to the instructor of this class. The instructor will then be happy to work with the student so that a reasonable accommodation of any disability can be made.

- **CALCULATORS:** A calculator is required for Elementary Statistics. Please note that graphing calculators that have a Computer Algebra System or a QWERTY keyboard, cell phone calculators are strictly prohibited and use of these calculators will be considered academic dishonesty.
- **COMPUTERS:** This course will be taught with the use of computers. Any questions regarding computers problems such as Internet access should be directed to the IT Helpdesk at 662-915-5222. Problems involving the software should first be addressed to the 1-800 number for technical help that comes with the software, and then to your instructor if the problems are not fixed (Problems involving the Wiley software should be directed to their technical support department). Your instructor will answer what questions he or she can about the computer, but he or she is not a computer expert. Your instructor is there to help you with the mathematics.

ELECTRONIC DEVICES: All cellular phones, pagers, and other electronic equipment should be turned off and put away during the class period. Use of any electronic equipment not approved of by your instructor while taking a test will be considered cheating and appropriate action will be taken.

SPECIAL DATES:

Progress Reports: Friday, March 7

Spring Break: March 10 – 14

Good Friday: April 18

Classes end: Friday, May 2

Final Exams: Monday, May 5 - Friday, May 9

TEST DATES: Tests are given during regular class time except for the final exam. Test weeks are listed on the schedule below. See your instructor in order to determine the class period in which your class's test will be given. The topics that will be tested this Spring are as follows:

- Test 1 will cover sections 2.1-2.2, 2.4-2.5, 3.1-3.2, 3.4-3.6, 4.1-4.2, 5.1-5.3.

- Test 2 will cover sections 6.1- 6.4 and 7.1- 7.3, 7.5.
- Test 3 will cover sections 8.1, 8.2, 8.4, 9.1-9.2, and 9.4.
- The final exam is comprehensive, covering all of the sections listed above.

* No examinations are to be given at times other than scheduled hours set by the university, either for an individual or for a class, unless the instructor concerned has specified approval from the academic dean.

Math 115 Tentative Schedule Spring 2014

Week	Dates	Day 1	Day 2	Math Lab
Week 1	Jan 22-24		2.1/2.2	No lab
Week 2	Jan 27-31	2.4/2.5/3.1	3.2/3.4	HW 1, 2
Week 3	Feb 3-7	3.4/3.5	3.6/4.1	HW 3
Week 4	Feb 10-14	4.2/5.1	5.2/5.3	HW4,5
Week 5	Feb 17-21	Review	Test #1	WebTest
Week 6	Feb 24-28	6.1	6.2/6.3	HW 6,7
Week 7	Mar 3-7	6.4	7.1/7.2	HW 8,9
Week 8	Mar 10-14	Spring Break		
Week 9	Mar 17 -21	7.2/7.3	7.5	HW10,11
Week 10	Mar 24-28	Review	Test #2	WebTest
Week 11	Mar 31-Apr 4	8.1/8.2	8.2/8.3	HW 12, 13
Week 12	Apr 7-11	8.5	9.1	HW 14, 15
Week 13	Apr 14-18	9.2	9.4	HLS 12.1, 12.2
Week 14	Apr 21-25	Review	Test #3	WebTest
Week 15	Apr 28-May 2	Review	Review	No lab
Week 16	May 5-9	Final Exam (in classroom Paper Test)		

Student Getting Started Directions
Math 115 ONLY

1. Buy

- (1) **You will need a registration code to access WileyPLUS through Blackboard.** It's your choice to buy it with or without the printed text:
- (2) Use the online version of your *WileyPLUS* text in Blackboard—purchase access online through *WileyPLUS* and **save!** You will be presented with the option to buy *WileyPLUS* access the first time you click on a link to *WileyPLUS* material from your Blackboard course. OR...
- (3) Buy the new, printed text in the bookstore and a *WileyPLUS* access code will be included. **DO NOT THROW THIS CODE AWAY!**
- (4) **Note: If you purchase a used book you'll still need to buy a WileyPLUS code. The above options are the most cost efficient.**

2. Register

- (1). Log in to Blackboard, locate your course and click the Content link in the Course menu to access course content.
- (2). Click on any link to *WileyPLUS* material (indicated by the *WileyPLUS* icon).
- (3). Follow directions on the 'Launch *WileyPLUS* Link' and 'End User License Agreement' pages. (To expedite any future support needs you may have, we recommend that you choose to share your user information with *WileyPLUS*. Wiley will never share this information with any outside organizations.)
- (4). Enter your registration code, or indicate that you choose to purchase online access and follow the directions. (If you have used *WileyPLUS* before and already have an account, enter e-mail address and password and click log in. If you do not have a *WileyPLUS* account, click Create Account and follow directions.)
- (5). You will be directed to your *WileyPLUS* course. To navigate back, click on the 'Return to Blackboard' tab.

3. Completing Assignment Blackboard---WileyPlus

Since Mann 8e made **Gradebook synchronization** with WileyPlus and Blackboard, Under each Chapter on Blackboard, I posted the Home Works you need submitting for that Chapter. Click "HW 1" under Chapter 2 folder on Blackboard---Content, for example, it will bring you to WileyPlus environment to do it. All Home Works, with an indication of status and due date. Your instructor sets the **policies** for each assignment. The assignment may be graded (on Blackboard, HW 1-HW19, and Assignment Zero for Bonus point), or for practice only(on Blackboard, Reading Materials for each Chapter). You may be allowed multiple attempts for each question. You may be allowed to access the assignment after the due date has passed.

4. Completing online tests on Blackboard

Your three online tests are on Blackboard---Content under the folder "**Taking tests**". Please copy and paste this link to your browser to see the video" How to take your online tests":

http://ondemand.blackboard.com/r91/movies/bb91_student_taking_test_online.htm

5. Gradebook on Blackboard

At any point during the semester, you can check your My **Grades**. Since Mann 8e made **Gradebook synchronization** with WileyPlus and Blackboard, after you submitted each Home Work, you can check your grade on Blackboard by click “ Tools”---“My Grades”. The same as each test grade.

(See this video of How to review your grades on Blackboard:

http://ondemand.blackboard.com/r91/movies/bb91_student_checking_grades_old.htm).

If you have any problem and need help, there are:

LIVE CHAT! Technical Support: www.wileyplus.com/support

Need help registering? www.wileyplus.com/go/bb/register