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University of New Orleans Syllabi

Fall 2015

MATH 2785

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University of New Orleans

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This is an older syllabus and should not be used as a substitute for the syllabus for a current semester course.

Math 2785-476 Elementary Statistics for Business and Economics
Fall 2015

Class Time: Anytime is a good time!   **Classroom: The internet!**

Instructor: Andrew Dodds   **Office: Math 242**

Office Hours: MWF 11:00-12:30   TTh 4:45-6:00 (or by appointment)

Phone: 504-280-1130   **E-mail Address:** aadodds@uno.edu
Please include your name and "Math 2785-476" in the subject line of your emails!

Required Materials: Business Statistics with MyStatLab, Donnelly, 2nd edition.
         ISBN: 9780133852288

A scientific calculator (with basic statistical functions to calculate the mean, standard deviation, etc) is required for the course. However, a graphing calculator is allowed but not required.

Week of	Sections	
Aug 19	Ch 1, 2.1 – 2.3	(Displaying Descriptive Statistics)
Aug 24	2.4 – 2.5, 3.1 – 3.2	(Calculating Descriptive Statistics)
Aug 31	3.3 – 3.5, 4.1	(Intro to Probability)
Sept 7	4.2 – 4.3, Test 1	(Intro to Probability)
Sept 14	5.1 – 5.3, 6.1	(Discrete Probability Distributions)
Sept 21	6.2, 7.1 – 7.2	(Continuous Sampling Distributions)
Sept 28	7.3 – 7.4, Test 2	(Sampling and Sampling Distributions)
Oct 5	8.1 – 8.2	(Point Estimates, Confidence Intervals for the Mean)
Oct 12	8.3	(Confidence Intervals for the Mean)
Oct 19	8.4 – 8.6	(Confidence Intervals for Proportions, Sample Sizes)
Oct 26	9.1 – 9.2	(Hypothesis Testing for a Single Population)
Nov 2	9.3 – 9.4	(Hyp Testing continued)
Nov 9	Test 3, 10.1	(Hypothesis Tests Comparing Two Populations)
Nov 16	10.2 – 10.3	(Hyp Testing continued)
Nov 23	10.4, 13.1	(Testing the Variance of a Single Population)
Nov 30	Test 4, Review	

Final Exam: Monday, Dec. 7, 2015, 3:00 pm – 5:00 pm, Room To Be Announced

Notes:
- Syllabus is subject to change.
- The final exam is comprehensive and departmental.
- For each test, students are allowed to bring in a 3"x5" formula card (both sides). For the final exam, a 8.5"x11" (both sides) formula sheet is allowed.

Student Learning Outcomes:
After the completion of the course students should be able to present data in tables and graphs, calculate descriptive measures including measures of location and dispersion, calculate probability of discrete and

continuous distributions, estimate parameters using point estimates and confidence intervals, and perform hypothesis tests.

Attendance:
Attendance is required. Attendance will be taken each class period. It is your responsibility to find out what is covered in class if you do miss a class. You are also responsible for any announcements made in class.

Prerequisites: MATH 1115 or higher or six hours of MATH courses numbered at least 1000 or an ACT Math score of at least 26 or SAT Math Score of at least 590 or Compass College Algebra score of at least 46. This course may be used for degree credit only in the College of Business Administration.

Homework:
Problems at the end of each section will be assigned for practice. You are expected to do these assignments so that you become familiar with the material. These problems are not to be handed in. However, other problems will be assigned and graded for homework.   These assignments may be handouts or assignments on MyStatLab.   **No** late homework assignments will be accepted. Homework will be graded upon correctness and averaged together. There will possibly be pop quizzes, which will be included in your homework grade.

The Course ID for this class is **dodds95696.**

Tests:
Over the course of the semester there will be 4 in-class tests if time permits. A makeup test will only be given for extreme emergencies with a written notice and must be taken promptly.

Course Grade:

(57%)(Test Average) + (33%)(Final Exam) +(10%)(Homework)

The grading scale for this course is
90% - 100%   A
80% - 89%   B
70% - 79%   C
60% - 69%   D
59% and below   F

Student Conduct:
 The University of New Orleans (UNO) is a multicultural community composed of diverse students, faculty and staff. UNO will not tolerate discrimination or harassment of any person or group of persons based on race, color, religion, sex, disability, national origin, age, sexual orientation, marital or veteran status or any other status protected by law. Each member of the university is held accountable to this standard, which is strongly reflected in this code.

Academic Dishonesty:
Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at http://www.studentaffairs.uno.edu.

Accommodations for students with disabilities:
It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to http://www.ods.uno.edu.

How class will be taught: A summary of notes for each section will be provided prior to each section. They will be posted on Moodle. Students are expected to print these notes and bring them to class. This course is a lecture based course. If time permits, there may be problem sessions.

Expectations of students: Students are expected to review the notes prior to each class and do practice problems and graded homework on a regular basis. This is necessary in order to perform well on the tests. Students are also expected to arrive on time, remain for full class session, conduct themselves in a respectful manner to other students and the instructor and not use cell phones during class.

Procedures of class: Instructor will lecture the material and do examples of problems in each section.

Advice on how to study: Students should look over notes before they are covered in the lecture to get an introduction of the topics before they are covered in class. Students should also review over their notes after each class period and work on practice problems that are suggested by the instructor after each section prior to doing the assigned graded homework on MyStatLab.   Students should not wait until the night that the graded assignments on MyStatLab are due to complete them. Remember that there are no extensions to due dates even if there is a complication with Connect or your internet connection which could prevent you from completing the assignment.   Test reviews may also be provided prior to each test. Students should start working on the review problems ahead of time so that they can ask the instructor about any questions they may have. Students are also expected to understand the concepts of the topics in addition to the types of problems on the reviews.

Criteria for each graded assignment: Assignments must be completed by the due date. Students are required to show work in order to receive full credit on test problems.

Incomplete or late coursework: Late assignments will not be accepted.

Student Support Services: Your instructor is your first resource. Office hours are available for you if you should any questions. Free tutoring is also available in the Math Tutor Center, Room 105 of the Math Building. Based upon the availability of tutors, the math department may be able to provide free one-on-one tutoring.

Withdrawal Policy – Undergraduate only
Students are responsible for initiating action to resign from the University (withdraw from all courses) or from a course on or before dates indicated in the current Important dates calendar. Students who fail to resign by the published final date for such action will

be retained on the class rolls even though they may be absent for the remainder of the semester and be graded as if they were in attendance. Failure to attend classes does not constitute a resignation. Check the dates on the Registrar's website, http://www.registrar.uno.edu. Please consult The Bulletin for charges associated with dropping and adding courses.

Incomplete Policy – Undergraduate only
The grade of I means *incomplete* and is given for work of passing quality but which, because of circumstances beyond the student's control, is not complete. The issuance of the grade of I is at the discretion of the faculty member teaching the course. For all graduate and undergraduate students, a grade of I becomes a grade of F if it is not converted before the deadline for adding courses for credit (as printed in the Important Dates Calendar) of the next regular semester including summer semester.

Repeat Policy
When a student is permitted to repeat a course for credit, the last grade earned shall be the one which determines course acceptability for degree credit. A student who has earned a C or better in a course may not repeat that course unless, (1) the catalog description indicates that the course may be repeated for credit, or (2) the student's Dean gives prior approval for documented extenuating circumstances.

Graduate Policies
Graduate policies often vary from undergraduate policies. To view the applicable policies for graduate students, see the Graduate Student Handbook: http://www.uno.edu/grad/documents/GraduateStudentHandbook2014.pdf

Academic Dishonesty Policy
http://www.uno.edu/student-affairs-enrollment-management/documents/academic-dishonesty-policy-rev2014.pdf

Safety Awareness Facts and Education
Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find the appropriate resources here: http://www.uno.edu/student-affairs-enrollment-management/

UNO Counseling Services and UNO Cares

UNO offers care and support for students in any type of distress. Counseling Services assist students in addressing mental health concerns through assessment, short-term counseling, and career testing and counseling. Find out more at http://www.uno.edu/counseling-services/. First-year students often have unique concerns, and UNO Cares is designed to address those students succeed. Contact UNO Cares through http://www.uno.edu/fye/uno-cares.aspx.

Emergency Procedures
Sign up for emergency notifications via text and/or email at E2Campus Notification: http://www.uno.edu/ehso/emergency-communications/index.aspx. All emergency and safety procedures are explained at the Emergency Health and Safety Office: http://www.uno.edu/ehso/.

Diversity at UNO
As the most diverse public university in the state, UNO maintains a Diversity Affairs division to support the university's efforts towards creating an environment of healthy respect, tolerance, and appreciation for the people from all walks of life, and the expression of intellectual point of view and personal lifestyle. The Office of Diversity Affairs promotes these values through a wide range of programming and activities. http://diversity.uno.edu/index.cfm

Learning and Support Services
Help is within reach in the form of learning support services, including tutoring in writing and math and other supplemental instruction. Visit the Learning Resource Center in LA 334, or learn more at http://www.uno.edu/lrc/.

Affirmative Action and Equal Opportunity
UNO is an equal opportunity employer. The Human Resource Management department has more information on UNO's compliance with federal and state regulations regarding EEOC in its Policies and Resources website: http://www.uno.edu/human-resource-management/policies.aspx