I. Locator Information:
Instructor: Dr. Li Chen
Course # and Name: BADM216.D1 Statistics for Business and Economics
Semester Credit Hours: 4 Credits
Online Office Hours: Monday 4PM to 5PM, Thursday 10AM to 11AM
Email address: lchen@uncfsu.edu (I will respond within 24 hours)
Course Homepage: https://uncfsu.instructure.com/
Online Office Link: go to Canvas Course Home Page -- Chat
Please see detailed instructions at the end of the syllabus.

Mission Statement: The School of Business and Economics is dedicated to providing quality business education to a diverse student population. The school prepares students to meet the challenges of a changing environment and to compete in a global market. This is accomplished by supplementing the University’s strong teaching emphasis with research and a curriculum that reflects changing market conditions. The school also assists in regional economic transformation by promoting entrepreneurial and economic education.

FSU Policy on Electronic Mail: Fayetteville State University provides to each student, free of charge, an electronic mail account (username@broncos.uncfsu.edu) that is easily accessible via the Internet. The university has established FSU email as the primary mode of correspondence between university officials and enrolled students. Information from FSU or FSU students pertaining to academic records, grades, bills, financial aid, and other matters of a confidential nature must be submitted via FSU email. The student is responsible for ensuring the mailbox remains available to receive notifications. FSU is not responsible for issues related to notifications that are not deliverable due to full mailboxes. Inquiries or requests from personal email accounts are not assured a response.

Rules and regulations governing the use of FSU email may be found at http://www.uncfsu.edu/PDFs/EmailPolicyFinal.pdf

FSU Policy on Course Withdraw:
Withdraw from class means you are withdrawing from 1 or 2 classes that you will not be attending and you have other classes on your schedule that you will attend. Effective Fall 2009, students will be allowed only 5 withdrawals from class for the remaining of your college career. The 6th Withdraw will be calculated as “F”.
This policy can be found at http://www.uncfsu.edu/registrar/withdrawals.htm
II. Course Description: This course introduces principles of statistics for business applications. Descriptive and inferential statistics will be covered in this course, with emphasis on hypothesis testing, probability distributions and central limit theorem. Open source statistical tools and Excel will be used for analyzing information. Applications Prerequisite: MATH 140.

III. Disabled Student Services: In accordance with Section 504 of the 1973 Rehabilitation Act and the Americans with Disabilities Act (ACA) of 1990, if you have a disability or think you have a disability to please contact the Center for Personal Development in the Spaulding Building, Room 155 (1st Floor); 910-672-1203.

IV. Title IX – Sexual Misconduct
Fayetteville State University (University) is committed to fostering a safe campus environment where sexual misconduct — including sexual harassment, domestic and dating violence, sexual assault, and stalking - is unacceptable and is not tolerated. The University encourages students who may have experienced sexual misconduct to speak with someone at the University so that the University can provide the support that is needed and respond appropriately. The Sexual Misconduct policy can be found at the following link:  http://www.uncfsu.edu/Documents/Policy/students/SexualMisconduct.pdf

Consulting with a Health Care Professional - A student who wishes to confidentially speak about an incident of sexual misconduct should contact either of the following individuals who are required to maintain confidentiality:

Ms. Dionne Hall
Licensed Professional Counselor
Spaulding Building, Room 167
(910) 672-2167
dhall9@uncfsu.edu

Ms. Linda Melvin
Director, Student Health Services
Spaulding Building, Room 121
(910) 672-1454
lmelvi10@uncfsu.edu

Reporting an Incident of Sexual Misconduct - The University encourages students to report incidents of sexual misconduct. A student who wishes to report sexual misconduct or has questions about University policies and procedures regarding sexual misconduct should contact the following individual:

Title IX Coordinator
Barber Building, Room 242
(910) 672-1141

Unlike the Licensed Professional Counselor or the Director of Student Health Services, the Deputy Title IX Coordinator is legally obligated to investigate reports of sexual misconduct, and therefore cannot guarantee confidentiality, but a request for confidentiality will be considered and respected to the extent possible.

Students are also encouraged to report incidents of sexual misconduct to the University’s Police and Public Safety Department at (910) 672-1911.

VI. Student Learning Outcomes – Upon completion of this course, students are expected to be knowledgeable about analyzing and interpreting statistical data and results. Students are expected to demonstrate understanding of the following knowledge areas:
   1. Descriptive statistical measures such as mean, median, mode and variance
   2. Probability distributions
   3. Random variables
   4. Confidence intervals for means and proportions
   5. Hypothesis tests

VII. Course Requirements and Evaluation Criteria

Canvas System: Students are assumed to have competence in using all aspects of Canvas system, including downloading slides and homework, submitting homework, completing quizzes, etc. The instructor will NOT provide instructions of technical support. Students are expected to have access to Internet and check the Canvas system and their e-mail accounts on a regular basis* for MS PowerPoint slides used in lectures, other types of course content documents, external links, and announcements. The instructor will use three resources for postings:
   1. Home Page – Announcements -- this will have an update of the announcements.
   2. Modules -- this is used for postings of MS Word, MS PowerPoint, and MS Excel documents related to class instruction, exercises and exams. Students are expected to be competent in the use of Microsoft Office 2013/2010 and to have access to all its programs.
   3. External Links – website links for up-to-date readings on concepts and technology trends.

* Suggested frequency for checking Canvas system and email is at least once a day.

Academic Integrity: I take violations of the University’s Honor Code very seriously. Behavior that appears to be cheating cannot and will not be tolerated and will be punished appropriately (from earning NO CREDIT on an exam to a failing grade in the course along with a notation on your permanent transcript stating that you failed due to academic dishonesty). Behavior that appears to be cheating includes copying from classmate solutions, or checking books or notes on exams, and it should be prevented by students and/or reported to instructors.

Course Policy:

- **Communication:** Email is the best way to contact the instructor. I will respond in 24 hours. I am very happy to discuss with you during the online office hours to help you advance understanding of the material and solve the problems encountered in your learning process. Please follow the detailed instructions at the end of the syllabus to go into the Canvas chat for office hours. Please don’t worry if you do have difficulty getting into the Canvas chat for office hours. Send me an email with your question and I will respond in 24 hours.

- **Homework:** There will be six homework assignments in this course. **Homework assignments MUST be done individually.** Each homework assignment will be posted online and students’ answers MUST be typed and formatted properly using Microsoft Word or Excel. Students need submit their answers to the instructor in Canvas system before deadline. **NO LATE SUBMISSION ALLOWED.** The instructor will post the answer in the Canvas system. The instructor will choose the best five grades of the six homework assignments to compute the final letter grade.

- **Quizzes:** There will be nine quizzes in this course. Students are expected to take the quiz during the designated time frame. The quiz will disappear afterward. Students are allowed to take each quiz only one time. The instructor will choose the best eight grades of the nine quizzes to compute the final letter grade.
• **Examinations:** There will be one midterm exam and one final exam. **This is an online class, but both exams are proctored. Both exams MUST be done individually.** Final exam is not accumulative and takes place in the final week. Make-up examinations will only be given to students who could not attend a scheduled examination and have documented proof to justify their absence. The instructor reserved the right to change the structure/format of the missed exam. **It is your responsibility to schedule the time and place to take the exam.** You are also responsible for checking any updates during the semester for the final exam schedule in the university’s website. Type “Final Exam Schedule” in the Search tool in FSU home page.

Please note: vacations, previously purchased tickets or reservations, weddings (unless part of the wedding party), and other large or small scale social events, are not viable excuses for missing a final exam. Thank you in advance for your cooperation.

• **Final Letter Grades:** Grades for each exam will be numerical and will be converted from the raw total of points given to a scale of 0-100. At the end of the course, the numerical factor for each portion of the course will be scaled so as to account for a specific percentage of the total possible points and the overall grade. Letter grades will be assigned based on a combination of factors including relative ranking within the class and demonstrated mastery of the subject material.

**Grade Distribution**

| 90 –100% | A |
| 80–89% | B |
| 70-79% | C |
| 60-69% | D |
| Below 60% | F or FN* |

**FN = FAILURE DUE TO NON-ATTENDANCE** – Assigned to students who are on class roster, but never attend the class. An FN grades is equivalent to an F grade in the calculation of the GPA.

Please note that the university has also established that the “X” and the “EA” grades be used for reporting student’s performance during the semester (in addition to the mid-term grades, NOT a final grade):

**INTERIM GRADE X = NO SHOW** – Assigned to students who are on a class roster, but never attend class. For warning purposes only.

**INTERIM GRADE EA = EXCESSIVE ABSENCES** - Assigned to students whose class absences exceed 10% of the total contact hours. For warning purposes only.

**NOTE TO STUDENTS ABOUT CLASS WITHDRAWALS:**

- Students receive no refund for withdrawing from individual classes and they slow their progress toward degree completion.
- Students who withdraw from or fail more than one-third of their classes will no longer be eligible for financial aid.
- STUDENTS MUST STRIVE TO EARN CREDIT FOR ALL THE CLASSES IN WHICH THEY ENROLL. STUDENTS SHOULD WITHDRAW FROM CLASSES ONLY WHEN IT IS ABSOLUTELY NECESSARY.
- **Grading policy:** *(Please Do Not use the Canvas total grading.)*
  - Homework: 25%
  - Quiz: 15%
  - Midterm: 30%
  - Final exam: 30%

**Disclaimer:** The instructor reserves the right to amend, adjust, or otherwise modify this course outline at any time during the course. The students will be notified in time of any modification.

VIII. Course Outline and Assignment Schedule

**Tentative Course Schedule**

*(Subject to change during the semester)*

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture</th>
<th>Chapter</th>
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| Week 1 (01/16 – 01/20) | Course intro & Data and Statistics / Quiz 1  
*Martin Luther King, Jr. Holiday* | Chapter 1                    |
| Week 2 (01/23 – 01/27)  | Descriptive Statistics I / Quiz 2  
*Course withdraw begins on 01/23* | Chapter 2                    |
| Week 3 (01/30 – 02/03)  | Descriptive Statistics II / HW#1 Quiz 3                                | Chapter 3                    |
| Week 4 (02/06 – 02/10)  | Introduction to Probability                                            | Chapter 4                    |
| Week 5 (02/13 – 02/17)  | Introduction to Probability / HW#2 / Quiz 4                            | Chapter 4                    |
| Week 6 (02/20 – 02/24)  | Discrete Probability Distribution                                      | Chapter 5                    |
| Week 7(02/27 – 03/03)  | Discrete Probability Distribution / HW#3 Quiz 5                        | Chapter 5                    |
| Week 8(03/06 – 03/10)  | **Midterm Exam Review & Midterm Exam**                                |                              |
| Week 9(03/13 – 03/17)  | **Midterm Break**                                                       |                              |
| Week 10(03/20 –03/24) | Continuous Probability Distribution                                    | Chapter 6                    |
| Week 11(03/27 – 03/31) | Continuous Probability Distribution / HW#4  Quiz 6  
*03/31 is the course withdrawal deadline* | Chapter 6                    |
| Week 12(04/03 – 04/07) | Sampling and Sampling Distribution / Quiz 7                            | Chapter 7                    |
| Week 13(04/10 – 04/14) | Interval Estimation                                                    | Chapter 8                    |
| Week 14(04/17 – 04/21) | Interval Estimation / HW#5 Quiz 8                                       | Chapter 8                    |
| Week 15(04/24 – 04/28) | Hypothesis Tests                                                       | Chapter 9                    |
| Week 16(05/01 – 05/05) | Hypothesis Tests / HW#6 Quiz 9                                         | Chapter 9                    |
| Week 17(05/08 – 05/12) | **Final Exam**                                                          |                              |
Instructions of using Office Hours in Canvas

Step 1: Log In the course BADM216.D1, click the Chat on the left of the home page of the course.

Step 2: You should be in the interface of Chat. You can leave a message by typing in the message box at the bottom.
Step 3: Then you should be able to contact your instructor in Office Hour in Canvas.