

WESTERN KENTUCKY UNIVERSITY
DEPARTMENT OF SOCIOLOGY
SOCIOLOGY 300: USING STATISTICS IN SOCIOLOGY
SUMMER 2017

Instructor: Aramide Kazeem, Ph.D.

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Office Hours: by appointment.

Office Phone: 270-745-2399.

Office Location: 126 Grise Hall.

Lecture/Class Meeting Times: Online (CRN 38993).

Class Meeting Place: Online.

Semester Time Frame: SUMMER 2017, Monday, June 5 – Friday, June 30.

COURSE OVERVIEW & DESCRIPTION:

This course introduces students to the use of statistics in social sciences. It will familiarize students with basic statistics concepts and terms, and when certain statistical methods should and should not be used. Students will become aware of other statistical topics including sampling and sampling distributions and hypotheses testing also known as tests of statistical significance. Moreover, students will learn how to read and interpret statistical information.

Required Textbook: Revel for Elementary Statistics in Social Research Updated—Access Card, 12th Edition, By Levin, Fox & Forde. ISBN: 13: 9780134238784. The link to this e-textbook is on the course blackboard page under syllabus. You will see the link Open REVEL.

Other Required Materials: You will need to purchase a good hand held calculator. You are encouraged to purchase either TI83, TI83+ or a TI84. Please do not buy TI85 or TI89; these calculators lack built in statistics functions. You also must bring notebooks, pens, pencils and WKU id number during exams.

Course Prerequisite(s): Math 109 or Math 116 or Math 183 or equivalent.

Course Requirements: You are also encouraged to complete all assigned readings, assignments and exams.

Class Attendance and Encouragement: The University's code of conduct goal # 12 states that **"Regular classroom attendance is expected of all students."** You are encouraged to come to class regularly. If you miss too many classes, it can affect your performance. Students who

attend class regularly may get the chance to move up to the next grade if their earned course grade is five points or less away from the next higher grade. Read the assigned sections in each chapter before each lecture. It will make the learning process easier. More importantly, the material being covered in class will not be totally new to you. If you miss class, you are still accountable for all materials covered. You are also encouraged to participate in the course.

BLACKBOARD: This course uses BLACKBOARD; it is University's online course management system. See BLACKBOARD on a weekly basis for assignments. Your grades on all exams and assignments will also be posted on BLACKBOARD.

Homework Assignments: You will be assigned homework after the completion of each chapter on a daily basis/each daily. The home-works will be drawn from the homework section at the end of each chapter. Assignments will be drawn from problems in the textbook. Please follow the instructions of each questions when conducting your assignments. You cannot copy each other's work. Late homework will not be accepted. Fifteen percent of your final grade comes from your homework (15%). **All home-works must be submitted on BLACKBOARD.**

Tests/Final Exams: There will be three tests and a comprehensive final exam in this course. The tests contribute 15% percent each to your final course grade. The final exam will account for 40% percent of your final grade, and it will be comprehensive. Your test/final exam must reflect your knowledge of the course.

Western Kentucky University's Principle on Academic Integrity and Code of Conduct: In this course, students are expected to abide by the university's academic integrity principle. The University states that "the maintenance of academic integrity is of fundamental importance" and student code of conduct goal #1 notes that "dishonesty, such as cheating or plagiarism, is prohibited. The acts of plagiarism or any other form of cheating will not be tolerated and that anyone committing such acts risks punishment of a serious nature."

Western Kentucky University's Disability Statement: WKU welcomes students with disabilities into the University's educational programs. If you have a disability-related need for reasonable academic adjustments in this course, contact the Student Accessibility Resource Center (SARC) at 270-745-5004. For further information regarding SARC, please visit the Office for Disability Services web site at <http://www.wku.edu/sarc/> . To accommodate any of your disability needs, I need a letter of accommodation from SARC.

Campus Emergencies: Information about campus emergencies and weather delays are announced on WKU website, WKU News, WKU's Facebook page and communicated to cellphones, emails, the WKU's Facebook page, and emergency text alerts (please sign up at <http://www.wku.edu/mediarelations/emergency.php>).

Grading Scale:

Grade	Percent
A	90-100
B	80-89
C	70-79
D	60-69

F	<60 and below
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Course Schedule:

Week	Tentative Material	Topics	H W	Exam
1	Chapter 1, 2, 3, 4	Chap 1: Why the Social Researcher Uses Statistics on Jun 06 Chap 2: Organizing the Data on Jun 07 Chap 3: Measures of Central Tendency on Jun 08-Jun 09 Chap 4: Measures of Variability on Jun 09-Jun10 Exam 1 on Jun 11	Hw 1	Exam 1 on Chap. 1, 2, 3, & 4.
2	Chapter 5, 6, 7, 9, 10, 12	Chap 9: Nonparametric Tests of Significance Jun 12 - Jun 13 Chap 5: Probability and the Normal Curve on Jun 14 - Jun 15 Chap 6: Samples and Populations on Jun 15 - Jun 16 Chap 12: Nonparametric Measures of Correlation on Jun 17 - Jun18 Exam 2 on Jun 19 Chap 7: Testing Differences between Means on Jun 20 - Jun 21 Chap 10: Correlation on Jun 22 - Jun 23	Hw 2	Exam 2. Chap. 5, 6, 7, 9 & 12.
3	Chapter 7, 10, 11	Chap 11 Regression on Jun 24 – Jun 25 Study Date on Jun 26 Exam 3 on Jun 27 Study Dates on Jun 28 - Jun 29 (for Final Exams) Final Exam on Jun 30	Hw 3	Exam 3 on Chap. 7, 10, & 11. Final Exam All Chapters