

THE UNIVERSITY OF WEST GEORGIA  
DEPARTMENT OF SOCIOLOGY  
SOCIOLOGY 4003 (SECTION 01): APPLIED STATISTICS FOR SOCIOLOGY  
SPRING 2021

**Instructor:** Aramide Kazeem, Ph.D.

**Email address:** Please email me through UWG's [CourseDen](#).

**Office Phone:** 678-839-3780

**Office Hours:** By appointment through Collaborate Ultra in CourseDen.

**Office Location:** 207 Pafford - Social Science Bldg. (Carrollton Campus).

**Lecture/Class Meeting Times:** 100% Online in CourseDen.

**Lecture Format:** Asynchronous (Recorded Lectures – Work at Own Pace).

**Campus Meeting Place:** Pafford - Social Science Bldg. (Carrollton Campus).

**Class Meeting Place:** 100% Online in CourseDen.

**Semester Time Frame:** SPRING 2021, Saturday, January 9 – Tuesday, May 11.

**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 learn how to calculate and interpret basic descriptive and inferential statistics. 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 analyze, read, and interpret statistical data and information.

**LEARNING OUTCOMES:**

Students must use their knowledge and skills in statistics to solve a variety of problems applicable in introductory statistics.

Students must demonstrate through assignments and quizzes competence in calculating and interpreting different statistical concepts at the introductory statistics level.

Students must be able to apply their knowledge of statistical methods on different areas of social problems.

**Required E-Textbook:** You will be purchasing the e-book version for the following book: **Statistics: A Tool for Social Research and Data Analysis (11<sup>th</sup> Edition)** by Joseph F. Healey and Christopher Donoghue.

**Instructions for Purchasing the E-Textbook:** 1) Go to the website, [cengage.com](http://cengage.com) to create an account. 2) Select the option student or create an account, if you do not already have one, and choose option student. 3) Once you have created and selected the option student, answer all the questions that follow. 4) In the search catalog/bar, put in this title ISBN #: 978-1-285-45885-4, once you have done so, various purchase options including the e-book version appear. 5) Please select access for four months at the cost of \$69.99 to rent the textbook.

**Other Required Materials:** You will need to purchase a good hand held calculator. Any calculator is fine (except cell phone calculators). You are encouraged to purchase calculators that let you view entries, like: TI-30XIIS. This calculator is relatively cheap (check Walmart, Office Depot, or Amazon). You also must bring notebooks, pens, pencils, and UWG ID number during exams.

**Course Prerequisite(s):** Basic Mathematics Background (Pre-algebra and Geometry) and Sociology 1101.

**Course Requirements:** You are encouraged to complete all assigned readings, assignments, and exams. **During class and exams, all cellphones must be turned off.**

**Technology:** To be successful in this course, you must be able to use the UWG's CourseDen and be computer literate. You must be able to properly upload your documents, submit home-works, and use reply and discussion boards efficiently through a computer.

**Attendance and Encouragement:** Read the assigned readings in each module each week. It will make the learning process easier for you. More importantly, the material being covered will not be totally new to you if you go through the assigned readings before each assignment is due. You are responsible for all due assignments and they must be submitted on time and in [CourseDen](#). Students are required to visit CourseDen daily to access all course materials. This means reading chapters, watching posted lectures on time, and submitting assignments when due.

**CourseDen:** This course uses CourseDen; it is the University of West Georgia's online course management system. See CourseDen regularly for course updates and assignments. Your grades on all exams, assignments, and labs will also be posted on [CourseDen](#).

**Collaborate Ultra in CourseDen:** When needed, you can email me to meet with me in virtually in [Collaborate Ultra](#). Collaborate Ultra is part of the communication menu in CourseDen.

**Support in the Course:** If you need my help in understanding the material, you must give me a day in advance notification. The days that you can email me for help with home-works should fall between Mondays and Wednesdays. Send me the questions a day in advance. We can then communicate in Collaborate Ultra in CourseDen, Zoom, or Google Meet on how to solve the problem together virtually. I want to recommend that you should not email me for help on a Friday, given that home-works and quizzes are due on Saturdays most weeks.

**Home-works:** You will be assigned home-works at the end of each week. You must show all work and steps taken to solve the problems. I want to see how you solve all the problems. You will be uploading your answers into CourseDen by scanning or taking pictures of your

worksheets. Please make sure that you send me files I can open. Thirty-three percent (33%) of your final grade comes from your home-works. The home-works are graded based on completeness. It is not about getting the answers right as such. It is about whether you have attempted to solve the problem to the best of your ability.

**Quizzes:** You will be assigned quizzes after the completion of blocks of chapters. Questions will reflect textbook readings and recorded lectures. The quizzes are multiple choice. Please follow the instructions of each question when conducting your quizzes in CourseDen. Quizzes will generally be due the Saturday of each week. Your quiz must reflect your understanding of the course materials. You cannot copy other students' work. Late quiz will not be accepted. Sixty-seven percent of your final grade comes from your quizzes (67%). **All quizzes are posted and must be submitted on CourseDen.**

**Late Works:** Apart from extraordinary situations, I will not accept late work. You are expected to meet most deadlines.

**University of West Georgia Department of Sociology's Principle on Academic Integrity:** In this course, students are expected to abide by the department of sociology's academic integrity principle. The department states that "the presence of academic dishonesty in particular frustrates the effort to create and sustain an academic culture and community that nurtures student growth and development." It is also against any form of academic dishonesty as it states that "integrity [] should characterize communities both within academia and without [it], is corrupted by the threat of untruthfulness, deceit, and fraud." In this course, we will all live up to the department's principle on academic integrity. You must abide by the principles stated in the UWG's Academic Honor Code, which stands against cheating, plagiarism, and academic dishonesty and lack of integrity. For more information on this, see the UWG Student Handbook:

[https://www.westga.edu/administration/vpsa/ocs/assets/docs/2016\\_2017\\_UWG\\_Student\\_Planner.pdf](https://www.westga.edu/administration/vpsa/ocs/assets/docs/2016_2017_UWG_Student_Planner.pdf).

**University Language for Course Syllabi:** See [http://www.westga.edu/assetsDept/vpaa/Common\\_Language\\_for\\_Course\\_Syllabi.pdf](http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf) for UWG's academic support information.

**Center for Academic Success:** To succeed academically and enhance your learning, please visit the Center for Academic Success at <https://www.westga.edu/cas/>.

**University Writing Center:** For the university writing center, please visit the website at <https://www.westga.edu/writing/>.

**University Counseling:** Visit <https://www.westga.edu/UWGCares/> for more information and for online counselling information please visit <https://www.westga.edu/student-services/counseling/online-counseling.php>.

**University of West Georgia's Disability Statement:** UWG is committed to giving students with disabilities a quality education by providing access to campus resources and opportunities. If you have a disability-related need for reasonable academic adjustments in this course, contact the Accessibility Services Accommodations (ASA) at (678)839-6428 or by email at [counseling@westga.edu](mailto:counseling@westga.edu). For further information regarding ASA, please visit the Accessibility

Services Accommodations web site at <https://www.westga.edu/student-services/counseling/accessibility-services.php> . To accommodate any of your disability needs, I need a letter of accommodation from ASA.

**Campus Emergencies:** Information about campus emergencies and weather delays are announced on UWG website, [www.westga.edu](http://www.westga.edu) or enroll in Wolf Alert. Further campus emergency information can be obtained from UWG Police' website at <https://www.westga.edu/police/index.php>. To contact the university police dial (678)-839-6000, and for weather information call the Department of University Police Weather Line (678)-839-6200.

**University Carry Policy:** See <https://www.westga.edu/police/policies.php> for UWG's carry information.

**Grading System:**

<i>Grade</i>	<i>Quality</i>	<i>Percent</i>
A	Excellent	90-100
B	Good	80-89
C	Satisfactory	70-79
D	Passing	60-69
F	Failing	<60 and below
WF	Withdrew failing	
W	Withdrew passing	
WM	Military Withdrawal	

\*\*Grading: Rounding up of grades in exceptional circumstances, such as 100% completion of course evaluation.

**Course Schedule:**

Week	Reading	Topics Covered	HW	Quiz	Exam
Weeks 1, 2, & 3 (Saturday, January 9th – Saturday, January 23rd)	Chapters 1 & 2	Introduction &  Basic Descriptive Statistics: Tables, Percentages, Ratios and Rates, Charts and Graphs			
	Chapters 1 & 2	Saturday, January 23rd	HW1	Quiz 1	
		Last Day to Add/Drop (Jan 15th)			
		Withdrawal period (Jan 16th - Mar 4th)			
4, 5, & 6(Sunday, January 24 <sup>th</sup> – Saturday, February 13th)	Chapters 3 & 4	Measures of Central Tendency & Measures of Variation			
	Chapters 3 & 4	Saturday, February 13th	HW2	Quiz 2	
7, 8, & 9 (Sunday, February 14 – Saturday, March 6 <sup>th</sup> )	Chapters 12, 13 & 11	Bivariate Measures of Association:  Bivariate Association for Nominal and Ordinal-Level Variables (chap 12)  Association Between Variables Measured at the Interval-Ratio Level (chap 13)  Hypothesis Testing: The Chi-Square Test (chap 11)			
	Chapters 12, 13 & 11	Saturday, March 6th	HW3	Quiz 3	
Weeks 10 & 12 (Sunday, March 7th – Saturday, March 27th)	Chapters 5 & 6	The Normal Curve & Sampling and the Sampling Distribution			
	Chapters 5 & 6	Saturday, March 27th	HW4	Quiz 4	
Weeks 13, 14 & 15	Chapters 8 & 9	Hypothesis Testing: The One Sample Case & Hypothesis Testing: The Two			

(Sunday, March 28 <sup>th</sup> - Saturday, April 17 <sup>th</sup> )		Sample Case			
	Chapters 8 & 9	Saturday, April 17 <sup>th</sup>	HW5	Quiz 5	
Weeks 16 & 17 (Sunday, April 18 <sup>th</sup> - Saturday, May 1 <sup>st</sup> )	Chapters 7	Estimation Procedures (also known as Confidence Interval)			
	Chapter 7	Saturday, May 1 <sup>st</sup>	HW6	Quiz 6	
Week 18 (Sunday, May 2 <sup>nd</sup> - Saturday, 8 <sup>th</sup> )	Wrapping Up the Course.				