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**SOC 332: Statistics
for the Social
Sciences**

COURSE SYLLABUS: SUMMER
2022
7/11 to 8/11 2022

INSTRUCTOR INFORMATION

Instructor: (Name & Title) Dr. Nicole Farris, Associate Professor, Coordinator MS Sociology Program
Office Location: Ferguson Room 218
Office Hours: N/A
Office Phone: 903-886-5169
Office Fax: 903-886-5330
University Email Address: Nicole.Farris@tamuc.edu
Preferred Form of Communication: **Email**
Communication Response Time: 24 to 48 hours, Monday through Friday, 8 to 5

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

COURSE INFORMATION Materials – Textbooks, Readings, Supplementary Readings Textbook(s)
Required: Caldwell, Sally. 2013. Statistics Unplugged, 4th Edition. Publisher: Belmont, CA.

Calculator Required: The Texas Instruments TI 30 X II S (About 13 dollars at Wal Mart) This is the best calculator I've found for our needs for this class. It is easy to use and maintains batteries well. No cell phone calculators are allowed.

The instructor will also distribute other readings as necessary- most likely via email or on the course website.

Software Required Access to the course website
Optional Texts and/or Materials None

Course Description

SOC 332 - Mthds of Stat Analys Hours: 4 Mthds of Stat Analys. Four semester hours. (3 lecture, 1 lab) This course provides an in-depth introduction to descriptive and inferential statistics that are especially appropriate in quantitative analysis used in the social sciences (including t tests, z scores, regression, measures of central tendency, etc.). Setting up data files, manipulating variables and running statistical programs using SPSS (Statistical Package for the Social Sciences) are integral components of the course. Prerequisites: Sociology 1301, and 331 or SWK 350, and MATH 1314 or 1324 or 179. Sociology 331 introduces students to the basic conceptual foundations of social science research. That course involved only very basic principles of social statistics. This course is different. Here, we will rely more heavily on the math that is required to allow students to obtain a basic working knowledge of inferential statistics. We will use a hands-on approach to introduce students to significance testing through the use of simple t-tests, chi-square, and regression. The course will emphasize formal statistical computations and quantitative data analysis.

Student Learning Outcomes (Should be measurable; observable; use action verbs)

1. The purpose of the course will be to gain a basic understanding of statistical analysis procedures. By the end of this course students should be able to demonstrate knowledge in:
1. Statistical Theory and Content: Students will be able to sufficiently synthesize theoretical knowledge in Social Statistics. Addressed via: Exams/In Class Assignments
2. Research Methods: Students will be able to sufficiently synthesize research knowledge. Addressed via: Exams/In Class Assignments
3. Measures of Central Tendency/Probability Normal Distribution/Population Parameters/Sample Statistics: Addressed Via: Laboratory Assignments
4. Increase of over all knowledge of statistics: Addressed via: Pre/Post Test

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Ability to navigate the learning management system and a general knowledge of computers and the internet.

Instructional Methods

This course will be conducted entirely via the web. All components of this class are online. We will not meet any time as a class. This course is only administered through D2L. If you need help using D2L, please see the technology services staff for help.

Student Responsibilities or Tips for Success in the Course

Student Responsibilities or Tips for Success in the Course

Do the reading ahead of time: Reading about a definition or issue and then hearing about it in class will help to cement your knowledge of the definition or issue. This will be very beneficial when it comes time to study for your exam. I will deliver the lecture material under the assumption that you have already read the assigned chapter for the week.

Take Notes: I will use a lecture style presentation for this class, however this will not all inclusive. I will provide a powerpoint for you to follow along with, but I will be calculating, by hand, examples on the board.

Face Your Fears: Ask questions in class. I do realize that this can be hard, especially in a large class. However, asking questions is the only way to find out information you want to know, and it is likely that your classmates may have the same question.

Make Yourself Known: Showing an interest and letting me know you have an interest will help you understand the material, and help me understand you. Talk to the instructor! If you have a situation arise during the semester that will impede your ability to succeed in the class, **COME TALK TO ME SOONER RATHER THAN LATER.** I will be better equipped to help you in whatever way I can the sooner you talk to me. If you wait until the very last minute, my hands will likely be tied and my options will be more limited as far as help is concerned.

Practice, Practice, Practice: Practicing the statistical computations is the best way to learn. I encourage you to do the practice problems at the end of each chapter and I will also give you problems to work on at your own discretion.

GRADING

Final grades in this course will be based on the following scale:

Final grades in this course will be based on the following scale of 300 total points: A = 270-300 points B = 240-269 points C = 210-239 points D = 180-209 points F = 179 or less points

Assessments

Mini Exams (4@50 points)	200
Assignments/Homework (10@10pts)	100

The syllabus/schedule are subject to change.

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

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Interaction with Instructor Statement

The best way to contact me is by email (Nicole.Farris@tamuc.edu). When you do so, please include your name, which section you are in, and your message. I check email during regular business hours (Monday to Friday, 8am to 5pm) and I will try to respond within 24 to 48 hours.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Students are expected to hand in assignments on time. If, due to some emergency or illness, this proves impossible, students are required to contact me by way of explanation before assignments are due, and, if necessary, provide evidence of illness.

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx).
<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:

<https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

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Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun.

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Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

COURSE OUTLINE / CALENDAR 7/11 to 8/11

**** All assignments are due Wednesday,
,Friday and Sunday night at 11:59pm CST.
Please note the exception for the final
week of class ****

Lectures 1 and 2: Read Chapter 1 and 2; Assignment 1,2	Due: Assn 1: 7/13; Assn 2: 7/17
Lectures 3, 4 and 5: Read Chapters 3,4,5; Assn 3,4; Mini Exam 1	Due: Assn 3: 7/20; Assn 4: 7/22; Mini Exam 1: 7/24
Lectures 6, 7 & 8: Read Chapters 6,7,8; Assn 5,6; Mini Exam 2	Due: Assn 5: 7/27; Assn 6;

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	7/29; Mini Exam 2: 7/31
Lectures 9 and 10: Read Chapters 11,12 Assn 9, 10; Mini Exam 3	Due: Assn 9: 8/3; Assn 10: 8/5; Mini Exam 3: 8/7
Mini Exam 4	Due: 8/11

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