



PSY 302.51E
PSYCHOLOGICAL STATISTICS
COURSE SYLLABUS: FALL 2016

INSTRUCTOR INFORMATION

Instructor: Nancy Lamphere, MS
Teaching Assistant: Alyssa Jones, BA

Office hours: TBA

Department phone: 903-886-5594

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University email addresses: nancy.lamphere@tamuc.edu
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Preferred Form of Communication: email

Communication Response Time: Within 24 hours for emails received Mondays-
Thursdays; Monday for emails received Fridays and weekends

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook required

Aron, A., Coups, E. J., & Aron, E. N. (2013). *Statistics for Psychology* (6th edition).
Boston, MA: Pearson Education, Inc.

ISBN: 978-0205258154

Other required materials

- **Calculator** without scientific functions (and not the one on your phone!)
- **Flash drive** to save ongoing lab assignment
- **Graph paper** –20-25 sheets
- **Straight edge** for drawing graphs

Syllabus/schedule subject to change

Course Description

The logic and methods of descriptive and inferential statistics and their relation to experimental design in psychology are studied. In addition to the three hours per week of classroom instruction, the student attends a one-hour laboratory per week to apply the knowledge learned in the classroom.

Prerequisite: Minimum grade C in Lvl U MATH 1314, MATH 141, MATH 1324, MATH 175, or MATH 179

Student Learning Outcomes

Students who successfully complete this course should:

1. Understand and be able to conduct several types of statistical analyses
2. Be able to identify the appropriate statistical procedure for basic research designs
3. Recognize the importance of a basic understanding of statistics
4. Further develop analytic thinking skills

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Using the learning management system, using Microsoft Word, and a calculator.

Instructional Methods

In addition to class lectures, discussions, activities, and labs, you will be accessing eCollege via the Internet to check your grade, download handouts, turn in assignments, and email the instructor, lab instructor, and/or classmates.

Student Responsibilities

Your success in this class ultimately depends on your willingness to put in the necessary time and effort for the grade you want. I am available to help you with the same level of commitment you put into the course. Some of the ways I determine your commitment include:

- **Class attendance** – Be seated and ready to start before I am
- **Assigned materials read prior to lectures** – You will get much more out of the class lectures if you are already familiar with what the chapter covers
- **Attentiveness and participation during class** – Phone put away, make occasional eye contact, nod your head when you agree or understand, actively engage with in-class activities, and speak up when you need clarification or have questions
- **Assignments completed on time** – Due dates are announced well in advance, so plan accordingly

Syllabus/schedule subject to change

GRADING

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

- A = 90%-100%
- B = 80%-89%
- C = 70%-79%
- D = 60%-69%
- F = 59% or below

Course grades are based on the following:

In-class & lab activities	125
Exams - 5 @100 pts ea (lowest of last 4 dropped)	400
Homework	100
Excel project	50
Final Exam	<u>125</u>
Total:	800

TECHNOLOGY REQUIREMENTS

- To access the features of eCollege that are used, you will need to use a current Flash enabled internet browser. For PC and Mac users the suggested browser is Mozilla Firefox.
- You will need access to a computer with a broadband Internet connection. The minimum computer requirements are:
 - 512 MB of RAM, 1 GB or more preferred
 - Broadband connection required courses are heavily video intensive
 - Video display capable of high-color 16-bit display 1024 x 768 or higher resolution
- You must have a:
 - Sound card, which is usually integrated into your desktop or laptop computer
 - Speakers or headphones.
- Both versions of Java (32 bit and 64 bit) must be installed and up to date on your machine. At a minimum Java 7, update 51, is required to support the learning management system. The most current version of Java can be downloaded at: [JAVA web site http://www.java.com/en/download/manual.jsp](http://www.java.com/en/download/manual.jsp)

Syllabus/schedule subject to change

- Current anti-virus software must be installed and kept up to date.
- Run a browser check through the Pearson LearningStudio Technical Requirements website. [Browser Check](http://help.ecollege.com/LS_Tech_Req_WebHelp/en-us/#LS_Technical_Requirements.htm#Browset) http://help.ecollege.com/LS_Tech_Req_WebHelp/en-us/#LS_Technical_Requirements.htm#Browset

Running the browser check will ensure your internet browser is supported.

Pop-ups are allowed.
JavaScript is enabled.
Cookies are enabled.

- You will need some additional free software (plug-ins) for enhanced web browsing. Ensure that you download the free versions of the following software:
 - [Adobe Reader](https://get.adobe.com/reader/) <https://get.adobe.com/reader/>
 - [Adobe Flash Player \(version 17 or later\)](https://get.adobe.com/flashplayer/) <https://get.adobe.com/flashplayer/>
 - [Adobe Shockwave Player](https://get.adobe.com/shockwave/) <https://get.adobe.com/shockwave/>
 - [Apple Quick Time](http://www.apple.com/quicktime/download/) <http://www.apple.com/quicktime/download/>
- At a minimum, you must have Microsoft Office 2013, 2010, 2007. Microsoft Office is the standard office productivity software utilized by faculty, students, and staff. Microsoft Word is the standard word processing software, Microsoft Excel is the standard spreadsheet software, and Microsoft PowerPoint is the standard presentation software. Copying and pasting, along with attaching/uploading documents for assignment submission, will also be required. If you do not have Microsoft Office, you can check with the bookstore to see if they have any student copies.
- For additional information about system requirements, please see: [System Requirements for LearningStudio](https://secure.ecollege.com/tamuc/index.learn?action=technical) <https://secure.ecollege.com/tamuc/index.learn?action=technical>

ACCESS AND NAVIGATION

Pearson LearningStudio (eCollege) Access and Log in Information

This course will be facilitated using Pearson LearningStudio, the learning management system used by Texas A&M University-Commerce. To get started with the course, go to [myLeo](http://www.tamuc.edu/myleo) and from the top menu ribbon select eCollege. Then on the upper left side of the screen click on the My Courses tab. <http://www.tamuc.edu/myleo.aspx>

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: It is strongly recommended you perform a “Browser Test” prior to the start of your course. To launch a browser test login to Pearson LearningStudio, click on the My Courses tab, and then select the Browser Test link under Support Services.

Pearson LearningStudio Student Technical Support

Texas A&M University-Commerce provides students technical support for the use of Pearson LearningStudio.

Technical assistance is available 24/7 (24 hours, 7 days a week).

If you experience LearningStudio (eCollege) technical problems, **contact the LearningStudio helpdesk at 1-866-656-5511** (toll free) or visit [Pearson 24/7 Customer Support Site](http://247support.custhelp.com/) <http://247support.custhelp.com/>

The student help desk may be reached in the following ways:

- **Chat Support:** Click on '*Live Support*' on the tool bar within your course to chat with a Pearson LearningStudio Representative.
- **Phone:** 1-866-656-5511 (Toll Free) to speak with Pearson LearningStudio Technical Support Representative.

Accessing Help from within Your Course: Click on the '*Tech Support*' icon on the upper left side of the screen inside the course. Then you will be able to get assistance via online chat or by phone.

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.

Policy for Reporting Problems with Pearson LearningStudio

Should students encounter Pearson LearningStudio based problems while submitting assignments/discussions/comments/exams, the following procedure must be followed:

1. Students must report the problem to the help desk. You may reach the helpdesk at 1-866-656-5511.
2. Students must file their problem with the helpdesk and obtain a helpdesk ticket number
3. Once a helpdesk ticket number is in your possession, students should email me to advise me of the problem and provide me with the helpdesk ticket number.
4. I will call the helpdesk to confirm your problem and follow up with you

PLEASE NOTE: Your personal computer and internet access problems are not a legitimate excuse for filing a ticket with the Pearson LearningStudio Help Desk. Only Pearson LearningStudio based problems are legitimate reasons to contact the Help Desk.

You strongly are encouraged to check for your internet browser compatibility **BEFORE** the course begins and take the Pearson LearningStudio tutorial offered for students who may require some extra assistance in navigating the Pearson LearningStudio platform.

myLeo Support

Your myLeo email address is required to send and receive all student correspondence. Please email helpdesk@tamuc.edu or call us at 903-468-6000 with any questions about setting up your myLeo email account. You may also access information at [myLeo](https://leo.tamuc.edu).
<https://leo.tamuc.edu>

Learner Support

The [One Stop Shop](http://www.tamuc.edu/admissions/onestopshop/) was created to serve you by providing as many resources as possible in one location. <http://www.tamuc.edu/admissions/onestopshop/>


The [Academic Success Center](http://www.tamuc.edu/campusLife/campusServices/academicSuccessCenter/) provides academic resources to help you achieve academic success.

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

FREE Mobile APPS

The Courses apps for phones have been adapted to support the tasks students can easily complete on a smaller device. Due to the smaller screen size course content is not presented.

The Courses app is free of charge. The mobile Courses Apps are designed and adapted for different devices.

	App Title:	iPhone – Pearson LearningStudio Courses for iPhone Android – LearningStudio Courses - Phone
	Operating System:	iPhone - OS 6 and above Android – Jelly Bean, Kitkat, and Lollipop OS
	iPhone App URL:	https://itunes.apple.com/us/app/pearson-learningstudio-courses/id977280011?mt=8
	Android App URL:	https://play.google.com/store/apps/details?id=com.pearson.lsphone

Once downloaded, search for Texas A&M University-Commerce, and it should appear on the list. Then you will need to sign into the myLeo Mobile portal.

The Courses App for Android and iPhone contain the following feature set:

- View titles/code/Instructor of all Courses enrolled in online

Syllabus/schedule subject to change

- View and respond to all discussions in individual Courses
- View Instructor Announcements in individual Courses
- View Graded items, Grades and comments in individual Courses
- Grade to Date
- View Events (assignments) and Calendar in individual Courses
- View Activity Feed for all courses
- View course filters on activities
- View link to Privacy Policy
- Ability to Sign out
- Send Feedback

LearningStudio Notifications

Students can be alerted to course activities via text on their mobile phones or up to two email addresses.

Based on their preferences, students can automatically receive a push notification with every new: course announcement, threaded discussion post, grade, and/or assignment without having to login to the course. Enrolled students will automatically receive email notifications for announcements and can opt out of this feature. To receive text notifications, students must opt in.

To begin setting up notifications, go into your course in LearningStudio and click on the bell-shaped Notifications icon on the main menu ribbon.

By default the student's university email address will appear. This cannot be changed in LearningStudio. Additional email addresses may be added by clicking the Add button. After all of the other selections are completed be sure to click the Save and Finish button.

COMMUNICATION AND SUPPORT

Interaction with Instructor

Email is the best way to reach me outside of class. If you don't use eCollege to email me, then include the course number in the subject (PSY 302). I will make every effort to respond within 24 hours to emails received on Mondays-Thursdays, and on Mondays to emails received on Fridays and over the weekend. If I haven't responded within those timeframes, please send a gentle reminder.

Always send an email follow-up to any in-person conversations we have that require further action!

Syllabus/schedule subject to change

Email etiquette:

- **Do** include the course title and number in the subject
- **Do** include your first and last name within the email
- **Do** consider emails to instructors an example of your ability to express yourself in a professional manner
 - **Do not** treat an email exchange with an instructor like a conversation with your friends
 - **Do** use complete sentences with correct grammar, spelling, and punctuation
 - **Do not** use texting acronyms
- **Do** read what you are about to send
- **Do** remember that emails can be saved, forwarded, copied, and printed

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Attendance/Lateness – Habitual absence or tardiness are indications of your commitment to the course. Expect to meet with the instructor if this behavior is disruptive to the class. If you must come in late (and class has started), quietly take a seat that does not disturb other students. In-class activities cannot be made up except for university-approved absences.

Devices - Turn cell phones off during class. No recording or photos during class without prior permission (this includes with your phone!). Unless otherwise instructed, course-related use of laptops and tablets is allowed unless it is disruptive. If necessary, laptops and tablets will be banned from the classroom.

Late Work – For assignments with due dates that are announced well in advance, there is no acceptable excuse for turning them in late.

Missed Exams – **Exams cannot be made up!** Exam dates are announced at the beginning of the semester so make plans accordingly. The only exceptions are university-approved absences. Since these absences are rarely a surprise, notify the instructor as soon as you know you will miss an exam so other arrangements can be made. Caveat: I do understand that stuff happens, and I have been known to be reasonable as long as an email is sent **BEFORE** the exam.

Extra Credit – Do not count on any extra credit.

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.

Syllabus/schedule subject to change

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/registrar/documents/studentGuidebook.pdf>

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

<http://www.albion.com/netiquette/corerules.html>

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>

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>

ADA Statement

Students with Disabilities

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 132

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

Fax (903) 468-8148

Email: Rebecca.Tuerk@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. 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

TENTATIVE SCHEDULE

Approx. dates	Topics	Reading	Approx. exam date
8/31 to 9/21	Frequencies, histograms, central tendency, & Z scores	Ch 1-3	9/21
9/21 to 10/12	Hypothesis testing, decision errors, & effect size	Ch 4-6	10/12
10/12 to 10/26	t tests	Ch 7-8	10/26
10/26 to 11/9	ANOVAs	Ch 9-10	11/9
11/16 to 11/30	Correlation	Ch 11-12	11/30
12/7	Chi-square	Ch 13	
Final Exam: Wednesday, 12/14 at 4:30 p.m.			

NOTE: A more detailed syllabus and class schedule will be provided on the first day of class.