

Instructor: Mr. Bradley A. Seaberg
Office Location: CHSS 337
Contact: E-mail: bas029@shsu.edu
Office Hours: MWF 9-9:45 am, W 2-3 pm
Office Hours: TR 4-4:50 pm (TWC 310)

CRN:
84037: Main CHSS 140
84038: Main CHSS 120
84039: TWC 109
84127: Main CHSS 242B

Class:
MWF 8 – 8:50 am
MWF 12 – 12:50 pm
TR 5 – 6:20 pm
MWF 1 – 1:50 pm

Course Overview:

This course is designed to provide students with an introductory knowledge of statistics and its application to research in psychology and the behavioral sciences. Students will learn how to compute, apply, and interpret a variety of descriptive and inferential statistics and how to select among different statistical procedures when answering basic research questions. The information covered in this course will also be valuable in helping students understand and evaluate research presented in scholarly work and the media.

Course Goals:

1. To understand how to compute and interpret a variety of descriptive and inferential statistics.
2. To understand when to apply different descriptive and inferential statistics in answering research questions.
3. To apply knowledge of statistics to the evaluation of research presented in the media and scholarly outlets.
4. To develop critical thinking skills by completing homework assignments and participating in class discussions.

Required Texts:

- Salkind, N. (2016). *Statistics for people who (think they) hate statistics* (6th Ed.). Los Angeles, CA: Sage Publications.
 - **Recommended** - Battersby, M. (2016) *Is this a Fact?* (2nd Ed.). Broadview.

Course Requirements:

Class Participation:

ACTIVE class participation is expected. You must be prepared to participate in class, which includes completing the readings and gathering required research materials. Being absent would, therefore, be *particularly disadvantageous*. Further, absences will result in failure to earn class participation points. Class participation may also include in-class activities.

Quizzes/Assignments:

For each chapter in the book that we will be covering, students may be required to complete a chapter quiz. These quizzes will be unannounced and may consist of multiple-choice, true/false, or free response questions assigned during the class period. Quizzes are typically 5 questions. Failure to complete a quiz will result in a score of zero for that quiz. Missed quizzes cannot be made up.

Exams:

Four exams (100 points each) will be administered during the course of the term. The items for the exams will be drawn from the readings, lectures, notes, and class discussions. The format may include multiple-choice, fill-in-the-blank, short answer, and essay questions. **An optional cumulative final exam will be provided to replace the lowest exam grade.**

Breakdown

Your grade will be calculated as follows:

Area	Points Possible	Percent
Quizzes/Assignments/Participation	50	8.2%
Exam # 1	100	16.7%
Exam # 2	100	16.7%
Exam # 3	100	16.7%
Exam # 4	100	16.7%
Lab	150	25%
TOTAL	600	100%

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

Class Average:	Above 89.5	89.4 - 79.5	79.4 - 69.5	69.4 - 59.5	Below 59.5
Grade:	A	B	C	D	F

Instructor:	Mr. Bradley A. Seaberg	CRN:	Class:
Office Location:	CHSS 337 (TWC 310)	84067:	M 10 – 11:50 am
Contact:	E-mail: bas029@shsu.edu	84068:	F 10 – 11:50 am
TA:	Blaine Cordova (bac044@shsu.edu)	84069:	W 10 – 11:50 am
TA:	Kristy Gaskell (klg065@shsu.edu)	84070:	TR 6:30 – 7:20 pm
		84128:	M 2 – 3:50 pm

Course Overview:

This course deals with the principles of statistics in psychology. The content of this course is meant to accompany PSYC 3301 (Elementary Statistics). Whereas PSYC 3301 will primarily consist of lectures and reading assignments dealing with research methodology and the applications of these methodologies to various research areas in psychology, this course will provide hands-on experience with statistical analysis. As a major part of this lab, you will be assigned handouts and in-class activities to gain practice with a variety of statistical techniques. Additionally, proficiency in statistics software will be evaluated (quiz). The other component of this lab will require several APA-style reports. These laboratory reports *MUST* be in proper APA-format and *MUST* be typed (reports will not be accepted unless they are typed). The deadline for lab reports is the beginning of the lab period that they are due. Papers and assignments that are handed in late will have 10% subtracted for each day (or portion of a day) that they are late.

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4. To develop critical thinking skills by completing homework assignments and participating in class discussions.

Recommended Text:

- Publication Manual of the American Psychological Association (6th Ed., 2009). Washington, DC: American Psychological Association.

Course Requirements:

Your grade in this class will consist of APA-lab reports, in-class assignments (participation), computer quizzes and homework assignments, which will be given throughout the term. Twelve lab assignments will be handed out, of which 2 will consist of brief APA written reports. An optional thirteenth assignment will be provided as a replacement to a missed assignment. Extra credit note: a maximum of 2% extra credit may be obtained through PeRP participation by completing 2 PeRP credits.

GRADING CUT-OFFS

APA Results/Discussion	=	16%	89.5 and above	=	A
SPSS/Excel Quiz	=	16%	79.5 - 89.4	=	B
Other Assignments	=	68%	69.5 - 79.4	=	C
			59.5 - 69.4	=	D
Total	=	100%	below 59.5	=	F

Note: As of the Fall 2009 semester, only grades of C or better will be counted toward the student's major in Psychology.

	Tentative Class Schedule:	Lab Schedule
Week 1 (8/21):	Section 1: Chapter 1 • Course Introduction (First day 8/23)	
Week 2 (8/28):	Section 1: Chapter 2	Lab Intro: HW 1
Week 3 (9/4):	Section 1: Chapter 3, Chapter 4 • 9/4 Holiday (No Class!)	Lab Descriptive: HW 2
Week 4 (9/11):	Section 1: Chapter 5 • Exam 1 (9/13)	Lab Excel: HW 3
Week 5 (9/18):	Section 2: Chapter 6	Lab Reliability: HW 4
Week 6 (9/25):	Section 2: Chapter 7	Lab Z-scores: HW 5 & 6
Week 7 (10/2):	Section 2: Chapter 8	Lab: Excel Quiz
Week 8 (10/9):	Section 2: Chapter 9 • Exam 2 (10/11)	Lab APA: HW 7
Week 9 (10/16):	Section 3: Chapter 10, 11	Lab Z-tests: HW 8
Week 10 (10/23):	Section 3: Chapter 11, 12	Lab t-tests: HW 9
Week 11 (10/30):	Section 3: Chapter 13	Lab SPSS: HW 10
Week 12 (11/6):	Section 3: Chapter 14 • Exam 3 (11/8)	Lab APA: HW 11
Week 13 (11/13):	Section 4: Chapter 15	Lab SPSS: HW 12
Week 14 (11/20):	Section 4: Chapter 16 • 11/22-24 Thanksgiving Holiday (No Class!)	Lab: M/T only Catch-up
Week 15 (11/27):	Section 4: Chapter 17 • Exam 4 (11/29)	Lab: SPSS Quiz
Week 16 (12/4):	• Final Examination: TBA	

Policies:

<http://www.shsu.edu/syllabus/>

Academic Dishonesty:

Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to university disciplinary action (Code of Student Conduct and Discipline, Section 5.3, as printed in Student Guidelines) **AND WILL RECEIVE AN IMMEDIATE FAILING GRADE FOR THE ASSIGNMENT AND/OR THE COURSE.** The university and its official representatives, acting in accordance with Subsection 5.32, may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work that has been submitted, plagiarism, collusion and the abuse of resource materials.

- **Cheating** includes:
 - Copying from another student's exam, laboratory report, assignment, computer files, data listings, and/or programs.
 - Using materials not authorized by the instructor during an exam or other assignment.
 - Collaborating with another student during an exam or in preparing academic work without authorization from the instructor.
 - Knowingly using, buying, selling, stealing, transporting, soliciting, copying, or possessing, in whole or in part, the contents of an un-administered test.
 - Substituting for another student, or permitting another student to substitute for oneself, to take an exam or complete any assignment.
 - Purchasing, or otherwise acquiring and submitting as one's own work any research paper or other writing assignment prepared by another individual or firm.
- **Plagiarism** refers to the use of another individual's work or idea and the unacknowledged incorporation of that work or idea into one's own work offered for credit. If you would like to use someone else's ideas, summarize their work **USING YOUR OWN WORDS and then CITE THEIR WORK** using the accepted American Psychological Association's Guidelines.
- **Collusion** means the unauthorized collaboration with another person in preparing work offered for credit.

Attendance Policy:

Regular and punctual attendance is expected for this course. However, no course points are linked to class attendance but you must be in attendance to hand in assignments, participate in in-class assignments, or take exams. In-class activities are *only* provided during

class, and thus *cannot* be made up at a later time. Although this class will not carry a “failure due to absences” policy, failure to attend class will decrease your grade for each assignment missed. Further, information covered in class will be included in exams. Poor attendance is strongly related to poor grades, so each student is strongly encouraged to attend class regularly. If you must be absent, be sure to arrange for a peer to obtain handouts and/or notes for you. They will not be available from me except on the date initially provided. The last day to drop with a “Q” is **November 10**.

Classroom Rules of Conduct:

According to Section 5 of the Student Handbook, students are expected to assist in maintaining a classroom environment that is conducive to learning. Disruptive behavior will not be tolerated. Students who are disruptive to the class may be dismissed from the classroom for their inappropriate behavior and will not be allowed to hand in any assignments due for the remainder of that class. Additionally, students may be withdrawn from the course for repeated disruptive behavior.

Religious Holy Days:

Students have the responsibility of notifying the professor of each scheduled class day that the student will be absent due to a religious holy day. *This must be done not later than the 15th class day.* Students who are absent from class for observance of a religious holy day will be allowed to take an examination or complete an assignment scheduled for that day within one week of returning to class. However, any in-class assignments cannot be made up, but will not count against their other assignment average since the one lowest assignment grade will be dropped.

Notice to Persons with Disabilities:

It is the policy of Sam Houston State University that no individuals otherwise qualified shall, solely by reason of their disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic program activity. Students with a disability that may affect their academic performance are expected to arrange for a conference with the instructor as soon as possible. This is done so that appropriate strategies can be considered to ensure participation and achievement opportunities are not impaired since there will be no retroactive accommodation. Furthermore, accommodations will be made **only** to those people who have documented the disability with the Americans with Disabilities Act (ADA) Office in the Student Counseling Center. The number there is 936-294-1720 (Huntsville) or 936-202-5045 (The Woodlands Center).

SHSU proudly adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may adversely affect your work in this class, you should contact our Services for Students with Disabilities (SSD) Office located in the Lee Drain North Annex building (next to the Farrington building), 936-294-3512, or TDD 936-294-3786, to apply for accommodations. Your disclosure of any disability will be kept strictly confidential, of course; however, no accommodation can be made until you register with SSD. All the information you need is here:

Instructor Evaluations:

Towards the end of the semester, students will be asked to complete a course/instructor evaluation form. I encourage you to be complete and honest in your evaluations. I particularly encourage you to provide constructive feedback in the open-ended section of the evaluation form. IDEA is the faculty evaluation system used at SHSU.

Visitors to the classroom:

Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance.

Electronic devices:

Cellular telephones and beepers/pagers must be disengaged while the student is in the classroom/lab, unless otherwise instructed. Any noncompliance with this policy shall be addressed in accordance with [Use of Telephones and Text Messagers in Academic Classrooms and Facilities #100728](#). **A non-programmable calculator may be used during class.** The use of other electronic devices is prohibited unless permission is obtained from the instructor.