Division of Social and Behavioral Sciences
Department of Psychology

PSYC 2317: Statistical Methods in Psychology
17189– Spring, 2017
ONLINE
3 hour lecture course / 48 hours per semester/ First 8 Weeks
HCC Online

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Office Location and Hours By Appointment
Please feel free to contact me concerning any problems that you are experiencing in this course. You do not need to wait until you have received a poor grade before asking for my assistance. Your performance in my class is very important to me. I am available to hear your concerns and just to discuss course topics.

Email Policy
HCCS policy requires instructors and students to communicate only through the HCCS email system. If you have not activated your HCCS student email account, you can do so here (http://www.hccs.edu/district/students/student-e-maileagle-id/). I will communicate with students through Canvas inbox, which works through HCC email. You can receive messages from me and send me messages through Canvas Inbox, which is available in Eagle Online Canvas.

If you send me an email with your personal email account, you will receive a response directing you to the link above so that you can activate your student email account.

In addition, if you send me an email with your personal account, the HCC system might block it, which means that I might not get your email!

To ensure that your questions/concerns are answered, ONLY use your HCC email OR the Canvas Inbox to communicate with me!

I strongly suggest that you communicate with me using Canvas Inbox, as it will help you avoid using your personal email account. Although I generally check my inbox twice a day, please allow 24 hours for responses, including on weekends.

Course Description
PSYC 2317 is an introduction to the use of scientific methods in psychology and to the statistical analysis of data. Attention is given to descriptive and inferential statistical methodology including t-tests, analysis of variance, correlation and regression.

Prerequisites
PSYC 2317 requires MATH 0312 (or higher). Students must be placed into college-level reading (or take INRW 0420 or ESOL 0360 as a co-requisite and be placed into MATH 0312 or higher. If you have enrolled in this course without having satisfied these prerequisites, you are at higher risk of failure or withdrawal than students who have done so, and you should carefully read and consider the repeater policy in the HCCS Student Handbook.

Program Student Learning Outcomes (PSLOs) for all PSYC Courses
1. Define, discuss, and apply key terms and concepts that are essential to success in upper division psychology courses (e.g., abnormal psychology, history and systems of psychology, advanced learning theory, developmental psychology, industrial/organizational psychology).
2. Outline, define, discuss, and apply the steps of the scientific method.
3. Define, discuss, and apply key terms and concepts associated with descriptive and experimental research methods.
4. Define, discuss, and apply psychological terms and concepts that are commonly found in news reports, self-help literature, parenting literature, and psychotherapy.

Core Curriculum Objectives (CCOs) for all PSYC Core Courses
PSYC 2301 satisfies the social science requirement in the HCCS core curriculum. The HCCS Psychology Discipline Committee has specified that the course addresses the core objectives as follows:
- *Critical Thinking*: Students will demonstrate the ability to engage in inquiry and analysis, evaluation and synthesis of information, and creative thinking by completing a written assignment such as a book report, research paper, or essay.
- *Communication Skills*: Students will demonstrate effective development, interpretation and expression of ideas through written, oral, and visual communication by completing a written assignment such as a book report, research paper, or essay.
- *Quantitative and Empirical Literacy*: Students will demonstrate the ability to draw conclusions based on the systematic analysis of topics using observation, experiment, and/or numerical skills by completing textbook reading assignments, completing assignments, and answering questions on quizzes and exams that pertain to Course Student Learning Outcome #2 above.
- *Social Responsibility*: Students will demonstrate cultural self-awareness, intercultural competency, civil knowledge, and the ability to engage effectively in regional, national, and global communities by completing textbook reading assignments, completing assignments, and answering questions on quizzes and exams that pertain to Course Student Learning Outcome #4 above.

Course Student Learning Outcomes (CSLOs) for PSYC 2317
Upon completion of this course, the student will be able to:

1. Identify and interpret common statistical notation, the outcomes of inferential tests and the concept of statistical significance.
2. Select, explain and utilize common research designs including experimental methods, quasi-experimental methods and correlational techniques.
3. Demonstrate understanding of the concepts of probability using the statistical tables.
4. Calculate basic inferential statistics, including z-tests, t-tests, ANOVA, correlation coefficients, and simple linear regression.
5. Use the appropriate t-test for a data set, including knowledge of single sample and independent samples t-tests.
6. Conduct hypothesis tests with ANOVA (Independent Measures and Two-Factor).

Learning Objectives

1.   Define and identify basic general concepts in statistics.

CORE DOMAIN 1: General Statistical Concepts and Terminology
Define:
1.1.1. Statistics
1.1.2. Population
1.1.3. Sample
1.1.4. Parameter
1.1.5. Statistic
1.1.6. Descriptive statistics
1.1.7. Inferential statistics
1.1.8. Sampling errors

CORE DOMAIN 2: Methodology
Define:
1.2.1. The correlational method
1.2.2. The experimental method
1.2.3. Nonexperimental methods (quasi-experimental method)

CORE DOMAIN 3: Variables and Measurement
Define
1.3.1. Discrete variable
1.3.2. Continuous variable
1.3.3. Real limits
1.3.4. Scales of measurement
1.3.5. The nominal scale
1.3.6. The ordinal scale
1.3.7. The interval scale
1.3.8. The ratio scale
1.3.9. Summation notation (upper case sigma, for summation)

2. Describe and explain concepts and procedures of descriptive statistics.

CORE DOMAIN 1: Frequency Distributions
Describe and explain the procedure to construct
2.1.1 Frequency distribution tables
2.1.2. Frequency distribution graphs
2.1.3. Histograms
2.1.4. Polygons
2.1.5. Bar graphs

CORE DOMAIN 2: The Shape of a Frequency Distribution
Describe
2.2.1. Symmetrical distribution
2.2.2. Positively skewed distribution
2.2.3. Negatively skewed distribution

CORE DOMAIN 3: : Central Tendency
Describe and explain
2.3.1. Central tendency
2. 3.2. Types of central tendency
2.3.3. Features of the mean
2.3.4. Features of the median
2.3.5. Features of the mode

CORE DOMAIN 4: : VARIABILITY
Describe and explain
2.4.1. Variability
2. 4.2 Ranges
2.3.2 Variance
2.3.4. Standard deviation

CORE DOMAIN 5: Z-Scores (Standardized Scores)
Describe and explain
2.5.1. Z Scores, formula and application
2.5.2 Features of the Z distribution
2.5.2. Other standardized distributions based on z-scores

3. Describe and explain probability theory and hypothesis testing procedure.

CORE DOMAIN 1: Probability
Describe and explain the computation of
3.1.1 Probability
3.1.2. Probability in a normal distribution (using the Unit Normal Table)
3.1.3. The Sampling Distribution of the mean

CORE DOMAIN 2: Sampling and Probability
Describe and explain
3.2.1. The distribution of sample means
3.2.2. The central limit theorem
3.2.3. The expected value of the sample means
3.2.4. The standard error

CORE DOMAIN 3: Hypothesis Testing
Describe and explain
3.3.1. Hypothesis testing steps
3.3.2. Types of hypotheses: Null and Alternative
3.3.3. Nondirectional (two-tailed) and Directional (one-tailed) tests
3.3.4. Region of rejection or critical values as a criterion
3.3.5. Types of decision: Reject and Fail to reject null hypothesis.
3.3.6. Type I errors
3.3.7. Type II error
3.3.8. Effect size (Cohen's d)

4. Describe, explain, and compare various inferential statistical procedures.

CORE DOMAIN 1: Single-Sample t test
Describe and compute
4.1.1. The single t test and it's assumptions
4.1.2. The t formula
4.1.3. The t distribution
4.1.4. Degrees of Freedom
4.1.5. Effect size

CORE DOMAIN 2: The t test for independent samples
Describe and compute
4.2.1. The independent t test
4.2.2. The pooled variance
4.2.3. Effect size
4.2.4. Homogeneity of variance assumption

CORE DOMAIN 4: Analysis of Variance (ANOVA)
Explain and compute:
4.5.1. ANOVA: The F test and its assumptions
4.5.2. F Distribution
4.5.3. Types of degrees of freedom: Between and Within
4.5.4. Types of Sum Squares: Between and Within
4.5.5. Types of Mean Squares: Between and Within
4.5.6. The ANOVA summary table, SSs, DFs, F5
4.5.7 Two-Factor ANOVA

CORE DOMAIN 5: Correlation
Explain and describe:
4.6.1. Pearson's r
4.6.2. Types of correlations
4.6.3. Hypothesis testing with r

CORE DOMAIN 6: Regression
Explain and compute:
4.7.1. Regression and regression line
4.7.2. Coefficient of determination

Instructional Methods

Success in the Course
As with any three-hour course, you should expect to spend **at least six hours per week** outside of class reading and studying the material. I will provide assignments to help you use those six hours per week wisely. Successful completion of this course requires a combination of reading the textbook, attending class, completing assignments in APLIA. There is no short cut for success in this course; it requires reading (and probably re-reading) and working through the assigned problems in the chapters.

Instructional Materials
Essentials of Statistics for the Behaviorial Sciences (8th Edition) with Aplia Access Code
by F. Gravetter and Larry Wallnau ISBN-10: 1133956572

Temporary Free Access to Aplia with E-Book
See "How to Access Your Aplia Course" on the last page of this syllabus.

Aplia
All of your reading, assignments (except for the written assignments), quizzes, and the comprehensive final exam are on Aplia. **You are required to purchase Aplia in order to be successful in this course.** You can either get the loose-leaf textbook bundle OR simply purchase Aplia directly online. You will get an online version of the textbook whether you purchase the bundle or purchase Aplia directly online.

Online Format
All instruction in this section of PSYC 2314 will take place online. HCCS Open Lab locations may be used to access the Internet and Eagle Online Canvas. Make use of the HCCS Open Labs when your home Internet connection is not working. Canvas will have links that will take you to APLIA for all of our class assignments, quizzes, reading, and the final exam. You can access Canvas as follows: https://hccs.instructure.com/login/

You are responsible for the information and content on Eagle Online Canvas.

YOU MUST USE CHROME OR FIREFOX AS YOUR BROWSER.

For a free download of Firefox, go to http://www.mozilla.org/en-US/firefox/new/

For a free download of Chrome, go to https://www.google.com/chrome/browser/desktop/

From HCC Online: "To use Eagle Online (based on Canvas learning management system), you will need a PC (Windows 7 sp1) or better, or Mac (OS X 10.8 or better) with a broadband connection to the Internet. Generally speaking, if your computer and connection are fast enough to play streaming video from the web, then your setup is adequate for Eagle Online."

Additional tips for using Eagle Online Canvas:
- Use the most up-to-date version of Chrome or Firefox
- Enable pop-ups
- Enable Javascript
- Enable Cookies
- Install Adobe Acrobat Reader (free download: https://get.adobe.com/reader/)
- Install Adobe Flash Player (free download: https://get.adobe.com/flashplayer/)

There will be discussion boards on Eagle Online Canvas for discussing course topics. Please keep the content of your discussion posts professional. Profanity, name-calling, harassment, and other such behavior will not be tolerated. You may **NOT** use the discussion boards for posting answers to assignment or quiz questions.

Although I check the discussion boards twice a day, please allow up to 24 hours for responses to discussion posts.

Exams and Assignments

Exams
Your "**Exams**" grade comes from quizzes. You MUST have access to APLIA to complete the quizzes:

- There are **11 quizzes** that you must complete for this course, and they are available in APLIA.

- The quizzes are a mix of multiple choice, fill-in-the-blank, and true/false questions. Each quiz is open book and open note and there is no time limit.

- You will have **one** attempt at each problem.

- The quizzes are NOT timed.

- All quizzes are due by the date indicated in the syllabus course calendar. **All quizzes are available at the start of the semester, so feel free to work ahead!**

- You will need a calculator to complete the quizzes. Any calculator with a square root function key ($\sqrt{}$) is fine. You do not need an expensive calculator!

- Each quiz is worth 30 points. There are 11 quizzes in total, and **I will drop the lowest quiz grade. You have an opportunity to earn up to 300 points for quizzes.**

- In addition, you MUST submit a file (scanned .pdf, photograph, pictures pasted into a Word document, etc.) showing your **handwritten** work for the computation problems on each quiz. This includes the multiple choice, fill-in-the-blank, and true/false questions that require the use of a calculator to answer. I need to see how you got to your answer. To earn full credit, you must show your work! Submitting proof of your work proves to me that you are doing your own work and are not simply copying the answers.

- **If you do not submit a file showing your work by the deadline specified (see the course calendar), you will be penalized 50% off the points you already earned.** This means that if you make a 28 (out of 30) on a quiz and do not show your work, you will have earned a 14 (out of 30) for that quiz.

- **Typed Word documents will NOT be accepted as showing your work! Submission receipts from Aplia are also NOT acceptable files for showing your work.** Only scans or pictures of handwritten work will be accepted.

- There will be a submission page with a yellow "Submit Assignment" button on the top right corner within Eagle Online Canvas for submitting your work. **You are responsible for making sure that you submitted work for an assignment correctly and on time!**

- **You MUST turn in your handwritten work when you complete your quiz!** If you complete your quiz on time by the due date on the course calendar and try to turn in your handwritten work during the make-up period, it will NOT be accepted.

- All quizzes are due by the due date specified in the course calendar of this syllabus. **This is not a self-paced class, and you MUST keep up with the course schedule presented in the course calendar!**

- **No retakes are allowed!** Do your best the first time you take a quiz, because you will only be allowed **one** attempt at each quiz.

Written Assignment

For this class, you will be turning in **FOUR (4) short research essays**. The purpose of the essays is to help you learn to determine the difference between a correlational study and an experimental study and to formulate a defense of your assertions. These are important skills because when the media reports on research, the media only tells part of the story. If you take other psychology courses, you will learn that people, including researchers, are never 100% objective. Most if not all news organizations have an agenda, and what part of the story they tell depends on that agenda. **Plagiarism (copying, not giving credit, etc.) will earn a 0.**

Instructions: To be successful in completing each essay, you must…

1. Write a couple of sentences including the title of the study and, in your own words, briefly describing the purpose of the study or the question that the researchers are trying to answer.
2. Write a 100-word paragraph (in your own words) stating whether the study is correlational or experimental and explaining why you believe it is correlational or experimental. If you believe it is both or neither, explain your thinking with examples from the article.
3. List three questions that must be answered about the study's methodology, data collection, and statistical analysis before its usefulness and validity can be determined.
4. Include the link to the article in your journal entry.
5. Use the rubric posted on Eagle Online Canvas as a guide.
6. Refer to the template in Eagle Online Canvas that shows you how to format your entries.
7. Use the assignment upload links on Eagle Online Canvas to submit your journal entry by the due date in the syllabus course calendar.

Each research essay will be worth 50 points. **The four entries together will be worth 200 points**. Late essays will incur **a 5 point penalty** each day they are late.

Other Types of Assignments

Practice Quizzes
You have an option to earn up to 40 points worth of extra credit added to your final course grade by completing practice quizzes.

Each quiz is worth 4 points of extra credit. To earn the FULL 40 points of extra credit, you must complete 10 quizzes. Each quiz must come from a different chapter in the textbook, and each quiz must have a score of 90% or better.

Steps for completing a practice quiz:

1. Go to the 7th Edition Book Companion Site here.

2. Click on the drop-down menu and select a chapter for which you would like to do a quiz.

3. Click on "Multiple Choice Quiz" in the menu on the left side of the page.

4. Choose either "Display all questions on one page" OR "one at a time."

5. Click "Start Assignment Now."

6. Answer the questions.

7. Click "Enter Answer."

8. Click "End Quiz and View Summary." You have unlimited attempts for making a 90% or better.

9. If you earned a 90% or better, email the results to me at katherine.bruton@hccs.edu.
   a. Make sure that you include your first name, last name, and HCC email address so I can record your extra credit!

10. Click "Send e-mail."

Instructions with pictures are available under the Extra Credit module on Eagle Online Canvas.

Remember, you need to go to the 7th Edition Companion Website, **NOT** the 8th Edition Companion Website.

Syllabus Quiz
In addition to being one of the attendance requirements (see the section called "Attendance"), you may earn up to **10 extra points on the syllabus quiz.** The syllabus quiz contains **10 questions** about the syllabus, and each question is worth 1 point. You have unlimited attempts to earn all 10 points.

Both the syllabus quiz and the practice quizzes together allow you to earn up to 50 extra points (5% extra) on your final course grade. Wow! That is half a letter grade.

All extra credit is due Sunday, March 5 @ 11:59 PM. No late extra credit will be accepted unless you have a documented emergency.

The Syllabus Quiz must be completed by Monday, January 23 @ 11:59 PM to be counted for attendance! (See the section called "Attendance.")

Aplia Assignments
There are 13 "Graded" Aplia Problem Sets:
- There will be a mix of multiple choice, fill-in-the-blank, and true/false questions.

- Some questions will allow three attempts, and your best attempt will be included in the final grade. Other questions will allow only one attempt.

- Each Problem Set is worth 25 points. I will drop your lowest Problem Set. **You have the opportunity to earn up to 300 points for your Problem Set grade.**

- You do NOT need to show me your work for the problem sets.

- Your assignments are due on the dates stated in the syllabus course calendar.

Final Exam
This class will have a comprehensive final exam, which covers everything that is covered during the entire semester. See the Final Exam Handbook on Eagle Online Canvas for the concepts covered on the Final Exam.

- The Comprehensive Final Exam is open book and there is no time limit.

- You need a calculator.

- The questions are a mix of multiple choice, true/false, and fill-in-the-blank questions.

- There are 55 questions on the Final Exam.

- You can earn up to 100 points on the Final Exam. Some questions have multiple parts. Each answer you give is worth 1 point each, unless otherwise specified. Your Final Exam grade will be multiplied by 2, which means that you can earn up to 200 points on your Final Exam grade for the course.

- **The Comprehensive Final Exam is worth 200 points of your grade.**

- You must submit a file (scanned .pdf, photograph, pictures pasted into a Word document, etc.) showing your **handwritten** work for the computation problems on the exam. This includes the questions that require the use of a calculator to answer. This proves to me that you are doing your own work and are not simply copying the answers.

- **If you do not submit a file showing your HANDWRITTEN work by the due date indicated in the course calendar, you will be penalized 50% off the points you already earned.**

- **Typed Word documents will NOT be accepted as proof of your work! Submission receipts from Aplia will also NOT be accepted as proof of your work.**

- There will be a yellow "Submit Assignment" button on the top right of the Comprehensive Final Exam assignment page for submitting your work. **You are responsible for making sure your work is submitted properly.**

- The Comprehensive Final Exam *must* be completed during the time that it is available, which is from **Monday, March 6 until Thursday, March 9 at 11:59 PM. No retakes are allowed!**

- **You CANNOT take the final exam early under any circumstances!** If you have a documented emergency that keeps you from being able to complete the Comprehensive Final Exam, then you must take an Incomplete. However, in order to receive an Incomplete ("I"), you must have a documented emergency and have completed 85% of the coursework. Please see my policy for Incomplete Grades below.

Grading Formula
Your grade is calculated on a **1,000-point scale**. Without extra credit, you have the opportunity to earn up to 1,000 points. With extra credit, you have the opportunity to earn up to 1,050 points.

Quizzes	300 points (11 quizzes, 30 points each, drop lowest grade)
Aplia Assignments	300 points (13 chapters, 25 points each, drop lowest grade)
Written Assignment(s)	200 points (4 essays, 50 points each)
Final Exam	200 points (raw score up to 100 points then multiplied by 2)
Extra credit	50 points extra

Grade	Total Points
A	900+
B	800-899
C	700-799
D	600-699
F	<600

HCC Grading Scale

A	100-90	4 points per semester
B	89-80	3 points per semester
C	79-70	2 points per semester
D	69-60	1 point per semester
F	<60	0 points per semester
FX	Failure due to non-attendance	0 points per semester
IP (In Progress)		0 points per semester
W (Withdrawn		0 points per semester
I (Incomplete)		0 points per semester
AUD (Audit)		0 points per semester

IP (In Progress) is given only in certain developmental courses. The student must re-enroll to receive credit. COM (Completed) is given in non-credit and continuing education courses. To

compute grade point average (GPA), divide the total grade points by the total number of semester hours attempted. The grades "IP," "COM" and "I" do not affect GPA.

Makeup Policy
- Aplia assignments completed during the make-up period are subject to a **20% point penalty from any grade earned.** This is ONLY for Aplia assignments NOT STARTED before the due date on the course calendar.

- **IF YOU MISS A QUIZ**: The quiz due date will **NOT** be extended. Please see your course assignment schedule for the make-up period. All missed quiz grades will remain a zero until they are made up.

- **Any quizzes taken during the make-up period are subject to a 20% point penalty from any grade earned**.

- **I will only accept proof of your work during the make-up period for quizzes started and completed during the make-up period.** If you submit your quiz on time during the semester and then try to turn in proof of your work during the make-up period, the proof of your work will NOT be accepted.

- **NO RETAKES ALLOWED!** You may NOT use the make-up period to try to get a higher score on a quiz that you started before that quiz's due date. The make-up period is ONLY for taking quizzes that you did NOT START BEFORE THE DUE DATE.

- <u>**THE MAKE-UP PERIOD IS ONLY FOR MISSED QUIZZES AND ASSIGNMENTS!**</u>

- <u>**The Comprehensive Final Exam CANNOT be given early under any circumstances.**</u> If you have a documented emergency that keeps you from being able to complete the Comprehensive Final Exam during the time it is scheduled, then you must take an Incomplete. However, in order to receive an Incomplete ("I"), you must have a documented emergency and have completed 85% of the coursework in the class.

The 20-point penalty may not apply in the following <u>EMERGENCY</u> situations:
- Death in Family – Get Documentation
- Funeral – Get Documentation (if travelling, get a copy of the plane ticket)
- Illness that Requires a Hospital Stay or Doctor's Visit – Get a Note from the Doctor
- Emergency Room Visits – Get Documentation
- Jail time – Get Documentation

Excuses such as "I didn't study," "I did not know that there was an assignment/quiz due," or other such excuses are NOT valid and the 20% point penalty will apply. I reserve the right to allow penalty-free make-ups on a case-by-case basis. You are responsible for knowing when exams will be given, so plan accordingly!

As always, I reserve the right to turn down requests for penalty-free make-ups. However, ALL make-up work MUST be done during the make up week shown on the course calendar.

Incomplete Grades
In order to receive a grade of Incomplete ("I"), you must have completed at least 85% if the work in the course. In all cases, the instructor reserves the right to decline a student's request to receive a grade of Incomplete.

Syllabus Modifications
The instructor reserves the right to modify the syllabus at any time during the semester and will promptly notify students in writing, typically by e-mail, of any such changes.

Course Calendar

DATE	DATES	TOPIC/ASSIGNMENT
WK 1	Jan 17 – Jan 22	Syllabus Introduction to Aplia Read Ch 1 Statistical Notation Ch 1 Aplia Problem Set – Due Sunday, Jan 22 @ 11:59 PM Quiz 1 - Statistical Notation – Due Sunday, Jan 22 @ 11:59 PM SHOW YOUR WORK – Due Monday, Jan 23 @ 1:00 AM Read Ch 2 Frequency Distributions Ch 2 Aplia Problem Set – Due Sunday, Jan 22 @ 11:59 PM Quiz 2 - Frequency Distributions – Due Sunday, Jan 22 @ 11:59 PM SHOW YOUR WORK – Due Monday, Jan 23 @ 1:00 AM
WK 2	Jan 23 – Jan 29	**Monday, January 23: Attendance Requirement Due @ 11:59 PM! Complete the syllabus quiz OR complete at least one assignment or quiz by Jan 23 @ 11:59 PM or risk being dropped and blocked from the course!** Read Ch 3 - Central Tendency Ch 3 Aplia Problem Set – Due Thursday, Jan 26 @ 11:59 PM Quiz 3 Central Tendency – Due Thursday, Jan 26@ 11:59 PM SHOW YOUR WORK – Due Friday, Jan 27 @ 1:00 AM Read Ch 4 – Variability Ch 4 Aplia Problem Set – Due Thursday, Jan 26 @ 11:59 PM Quiz 4 Variability – Due Thursday, Jan 26 @ 11:59 PM SHOW YOUR WORK – Due Friday, Jan 27 @ 1:00 AM Research Essay 1 – Due Friday, Jan 27 @ 11:59 PM
WK 3	Jan 30 – Feb 5	Read Ch 5 Z-Scores Ch 5 Aplia Problem Set – Due Thursday, Feb 2 @ 11:59 PM Quiz 5 Z-Scores – Due Thursday, Feb 2 @ 11: 59 PM SHOW YOUR WORK – Due Friday, Feb 3 @ 1: 00 AM Read Ch 6 Probability Ch 6 Aplia Problem Set – Due Thursday, Feb 2 @ 11:59 PM Quiz 6 Probability – Due Thursday, Feb 2 @ 11:59 PM SHOW YOUR WORK – Due Friday, Feb 3 @ 1: 00 AM Research Essay 2 – Due Friday, Feb 3 @ 11:59 PM

WK 4	Feb 6 –Feb 12	Read Ch 7 Sampling Distributions Ch 7 Aplia Problem Set – Due Thursday, Feb 9 @ 11:59 PM Quiz 7 Sampling Distributions – Due Thursday, Feb 9 @ 11:59 PM SHOW YOUR WORK – Due Friday, Feb 10 @ 1:00 AM Read Ch 8 Hypothesis Testing Ch 8 Aplia Problem Set – Due Thursday, Feb 9 @ 11:59 PM Quiz 8 Hypothesis Testing – Due Thursday, Feb 9 @ 11:59 PM SHOW YOUR WORK – Due Friday, Feb 10 @ 1:00 AM Research Essay 3 – Due Friday, Feb 10 @ 11:59 PM
WK 5	Feb 13 – Feb 19	Read Ch(s) 9 and 10 T-Statistics Ch(s) 9 and 10 Problem Sets – Due Thursday, Feb 16 @ 11:59 PM Quiz 9 - T-Statistics (Includes Ch(s) 9 & 10) – Due Thursday, Feb 16 @ 11:59 PM SHOW YOUR WORK – Due Friday, Feb 17 @ 1:00 AM Research Essay 4 – Due Friday, Feb 17 @ 11:59 PM
WK 6	Feb 20 – Feb 26	**LAST DAY TO WITHDRAW - Tuesday, February 21** Read Ch(s) 12 and 13 ANOVA Ch(s) 12 and 13 Aplia Problem Sets – Due Thursday, Feb 23 @ 11:59 PM Quiz 10 – Anova (Includes Ch(s) 12 & 13) – Due Thursday, Feb 23 @ 11:59 PM SHOW YOUR WORK – Due Friday, Feb 24 @ 1:00 AM
WK 7	Feb 27 – Mar 5	Read Ch 14 Correlation Ch 14 Aplia Problem Set – Due Thursday, Mar 2 @ 11:59 PM Quiz 11 – Correlation – Due Thursday, Mar 2 @ 11:59 PM SHOW YOUR WORK – Due Friday, Mar 3 @ 1:00 AM **REVIEW/MAKEUP WEEK** **ALL MAKE-UP WORK DUE SUNDAY, MARCH 5 @ 11:59 PM** **ALL EXTRA CREDIT DUE SUNDAY, MARCH 5 @ 11:59 PM**
WK 8	Mar 6 –Mar 12	**FINAL EXAM** **FINAL EXAM AVAILABLE STARTING MONDAY, MARCH 6** **FINAL EXAM DUE THURSDAY, MARCH 9 @ 11:59 PM** **SHOW YOUR WORK – DUE FRIDAY MARCH 10 @ 1:00 AM** **That's it! It's over!** **I wish you the best in your future endeavors!** ☺

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:
- Provide a grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective online learning environment
- Provide instructions for all assignments, exams, discussions, projects, etc.
- Inform students of policies such as attendance, withdrawal, late work penalties, etc.
- Provide the course outline and class calendar which will include a description of any special projects or assignments
- Arrange to meet with individual students before and after class as required

To be successful in this class, it is the student's responsibility to:
- Log in to Eagle Online Canvas regularly
- Complete all assignments, exams, discussions, projects, etc., on Eagle Online Canvas
- Read and comprehend the textbook
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts and all assignments
- Be aware of and comply with academic honesty policies in the HCCS Student Handbook

Attendance

In online courses, *attendance* is defined as logging in to the course and completing online assignments. Be advised that instructors must drop students who fail to attend class by the official date of enrollment ("Census Day"). In addition, instructors may drop students who miss six hours of class time.

Attendance for this course is defined as:
- **Completing the syllabus quiz with 100% (10 out of 10 points) on Eagle Online Canvas OR**
- **Completing at least ONE assignment or quiz in Aplia**

ONE of the requirements for attendance stated above must be fulfilled no later than Monday, January 23 at 11:59 PM.

Failure to meet ONE of the two requirements for attendance will result in your being dropped and blocked from the class for nonattendance. If you are not completing assignments or quizzes, you are NOT actively participating. Simply logging in does *not* count as attending class!

You MUST follow the course assignment schedule, as this is NOT a self-paced class. All of the assignments, except for the Comprehensive Final Exam, are open at the beginning of the class. This allows you to work ahead, so take advantage of it and keep up with the work!

If you miss more than 12% of the course content, you will earn a grade of FX. This translates to **missing more than one week worth of work (2 assignments and 2 quizzes)** without making them up, even if you take the final exam. An FX means that you failed because you did not attend or participate in the course, which will adversely affect your financial aid.

I will **not** drop you unless you fail to meet the attendance requirements before the official day of record.

Withdrawal

If you decide to withdraw from the course, it is your responsibility to do so online via the PeopleSoft student management system. If you need assistance, visit the counselors' office on your campus. You may wish to discuss your decision to withdraw from the class with your instructor beforehand.

Classroom Conduct
I expect students to conduct themselves professionally in their communications with me, their classmates, and college staff and administration. Behavior inappropriate to the collegiate setting (including but not limited to abusive/derogatory/threatening/harassing language directed at the instructor or towards other students, staff or administrators) will not be tolerated, and may result in removal from the course if severe and/or repeated.

Virtual Classroom Conduct
"As with on-campus classes, all students in HCC Online courses are required to follow all policies and procedures in the HCC Student Handbook, and relevant sections of the Texas Education Code when interacting and communicating in a virtual classroom with their professor and fellow students. Students who violate these policies and guidelines will be subject to disciplinary action that could include denial of access to course-related email, discussion groups, and chat rooms or even removal from the class." Please refer to the HCC Online Student Handbook for more information on conduct and other policies you must follow while taking online courses at HCC. Please be respectful to your fellow students and me!

Student Organizations

Psi Kappa
All students are invited to join Psi Kappa, an organization that can help students learn about psychology outside the classroom, serve the community, meet students in other PSYC classes, interact with PSYC faculty, and learn leadership skills. For more information, visit the Psi Kappa page on the HCC Learning Web, the Psi Kappa blog, and the Psi Kappa Facebook page.

Psi Beta
HCC has an active chapter of Psi Beta: National Honor Society in Psychology for Community and Junior Colleges. To learn more about this organization visit the Psi Beta website. For information about the HCC chapter, visit the Psi Beta page on the HCC Learning Web.

Psychology Achievers Scholarship
To be eligible for the $125 per semester Psychology Achievers Scholarship, a student must (1) meet all HCC Foundation criteria for scholarship eligibility, and (2) make an A in either PSYC 2301 or PSYC 2314. For more information, visit the HCC Foundation scholarship website.

Tutoring
Visit this page to find out about HCC tutoring services.

HCCS Student Policies
All students are responsible for reading and understanding the HCCS Student Handbook, which contains policies, information about conduct, and other important information. Access the handbook at http://central.hccs.edu/students/student-handbook/

Students with Disabilities
Houston Community College is dedicated to providing an inclusive learning environment by removing barriers and opening access for qualified students with documented disabilities in

compliance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act. Ability Services is the designated office responsible for approving and coordinating reasonable accommodations and services in order to assist students with disabilities in reaching their full academic potential. In order to receive reasonable accommodations or evacuation assistance in an emergency, the student must be registered with Ability Services.

If you have a documented disability (e.g. learning, hearing, vision, physical, mental health, or a chronic health condition), that may require accommodations, please contact the appropriate Ability Services Office below. Please note that classroom accommodations cannot be provided prior to your Instructor's receipt of an accommodation letter and accommodations are not retroactive. Accommodations can be requested at any time during the semester, however if an accommodation letter is provided to the Instructor after the first day of class, sufficient time (1 week) must be allotted for the Instructor to implement the accommodations.

Ability Services Information

HCCS.EDU
http://central.hccs.edu/students/disability-services/

Central College
713.718.6164
Coleman College
713-718-7376
Northeast College
713-718-8322
Northwest College
713-718-5422
713-718-5408
Southeast College
713-718-7144
Southwest College
713-718-5910
Adaptive Equipment/Assistive Technology
713-718-6629
713-718-5604
Interpreting and CART services
713-718-6333

EGLS$_3$ Evaluation for Greater Learning Student Survey System
The EGLS3 (Evaluation for Greater Learning Student Survey System) will be available for most courses near the end of the term until finals start. This brief survey will give invaluable information to your faculty about their teaching. Results are anonymous and will be available to faculty and division chairs after the end of the term. EGLS3 surveys are only available for the Fall and Spring semesters. There are no EGLS3 surveys during the Summer semester due to logistical reasons.

Office of Institutional Equity
Title IX of the Education Amendments of 1972 requires that institutions have policies and procedures that protect students' rights with regard to sex/gender discrimination. Information regarding these rights are on the HCC website under Students-Anti-discrimination. Students who are pregnant and require accommodations should contact any of the ADA Counselors for assistance. It is important that every student understands and conforms to respectful behavior while at HCC. Sexual misconduct is not condoned and will be addressed promptly. Know your rights and how to avoid these difficult situations. Log in to www.edurisksolutions.org. Sign in using your HCC student email account, then go to the button at the top right that says Login and enter your student number.

How to Access Your Aplia Course

What is Aplia?

In just 10 years, more than one billion answers have been submitted through Aplia, the premier online assignment solution. Millions of students use Aplia to better prepare for class and for their exams. Join them today!

Registration

1.   Connect to http://login.cengagebrain.com/course/XSA5-LTSW-2EBP
2.   Follow the prompts to register for your Aplia course.

Payment

After registering for your course, you will need to pay for access using one of the options below:

Online: You can pay online using a credit or debit card, or PayPal.

Bookstore: Textbooks packaged with an Aplia access code are available in the HCC bookstore.
Free Trial: You will be offered a free trial of Aplia during the registration process. Use this option if you are unable to obtain a textbook and Aplia access at the beginning of the semester. Later, you will be able to convert your free trial to paid access. You will not have to set up a new Aplia account.

Please note: At the end of the free trial period, your course access will be suspended until your payment has been made. All your scores and course activity will be saved and will be available to you after you pay for access.

If you already registered an access code or bought Aplia online, the course key to register for this course is: **XSA5-LTSW-2EBP**

System Check

To check whether your computer meets the requirements for using Aplia, go to http://www.aplia.com/support/sysreq.jsp.