



**PSYCH 3010-50 CRN-25111**  
**RESEARCH METHODS IN PSYCHOLOGY**  
**Monday & Wednesday 5:15p – 7:20p**  
**SPRING SEMESTER, 2013**

**PROFESSOR: Kristine J. Olson, Ph.D.**

**OFFICE HOURS: McDonald, Room 212; Mon/Wed: 12:30pm-2:00pm; Wednesday 3p-5p**

**TELEPHONE: 435-879-4405 (office) (least effective method to reach me)**

**EMAIL: [kjolson@dixie.edu](mailto:kjolson@dixie.edu) (best and preferred method to reach me ☺)**

**REQUIRED TEXTBOOKS**

McBride: The Process of Research in Psychology, 2e

ISBN: 9781412999557; \$75.00

McBride: Lab Manual for Psychological Research

ISBN: 9781412999328; \$33.00

**COURSE DESCRIPTION:**

Required of Psychology majors. An introduction to the research process; deductive and inductive reasoning in science, the nature of theory, hypothesis testing and the use of empirical data; scientific knowledge and its applications. Naturalistic, case study, correlation, and experimental research methods in Psychology will be examined. Combined lecture / lab. Prerequisites: PSY 2000; AND PSY 3000; AND Psychology Major, or Integrated Studies Emphasis in Psychology major, or instructor permission. 4 credits.

**PSYCHOLOGY MAJOR**

This is required for the Psychology Bachelor degree (BA/BS)

**OTHER MATERIALS**

You may bring your laptop to class to access lecture PowerPoint slides and to take notes.

PowerPoint slides will be available on CANVAS <https://canvas.dixie.edu/> . Please bring a notepad and pen/pencil to each class so that you are able to participate in class Tests and other in-class activities.

**COURSE LEARNING OBJECTIVES**

**This course an addition to upper-division coursework needed to support the Psychology degree.**

This course will meet the following Psychology Learning Objectives:

*LEARNING GOAL 1: RESEARCH METHODS IN PSYCHOLOGY: Understand and apply basic research methods in psychology, including research design, data analysis, and interpretation.*

*LEARNING GOAL 2: CRITICAL THINKING SKILLS IN PSYCHOLOGY: Respect and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes.*

*LEARNING GOAL 3: APPLICATION OF PSYCHOLOGY: Understand and apply psychological principles to personal, social, and organizational issues*

## **ATTENDANCE**

Please refer to <http://www.dixie.edu/humanres/policy/sec5/523.html> for a full explanation for the DSC Attendance Policy. Regular and prompt attendance in classes and laboratory sessions is expected of every Dixie State College student. An absence does not excuse a student from completing work missed. It is the student's responsibility to find out which assignments are missed during an absence.

Students who must miss class because of a college-sanctioned activity, such as an athletic event, club activity, class assignment, or other approved event, are responsible to assuring that their instructors have been notified and for completing any missed assignments. By the second day of class, students with recurring absences must provide each instructor written notification from the appropriate department that includes a schedule of competition, the names of those students on specific teams likely to travel, and the dates and approximate times of departure and return to campus. So that student participation in travel can be verified, the appropriate department will be responsible for informing individual faculty of changes to team rosters and travel schedules throughout the semester. One week prior to an absence, the student will meet with the instructor to arrange a reasonable accommodation, if feasible, to allow the students to complete any missed coursework and/or exams. The instructor may require the student to submit work prior to the due date if the student will be absent. It is the student's responsibility to complete the student absence schedule with the instructor and abide by it. Students with recurring or frequent absences from a course are required to check their schedules against the course syllabus and provide a list of expected absences for the semester by the second day of class. Upon reviewing the list, the instructor may determine that the absences will interfere with the student's ability to succeed in the course. If so, the instructor will recommend that the student seek an alternative.

## **CLASS POLICIES AND DISCIPLINE POLICY**

1. Turn off/silence any cell phones. Phones ringing/vibrating can be very distracting for everyone.
2. Come to class on time. It can be distracting to have students coming/going at different times. Make an effort to either come early or on time to class. Also, please make every effort to stay for the entire class period. If arriving/leaving on time is going to be an issue, please contact me so we can resolve this.
3. Read text before class session. This will only help you to better understand the material. If you read the text before class you will be prepared to ask questions during lecture.
4. Check CANVAS and dmail regularly.
5. This course is designed so that you spend six to nine hours per week between in-class participation and out of class activities.
6. This course will operate on the philosophy that active engagement with material fosters quality learning. There will be ample opportunity for in-class activities and discussion, both in small groups and with the entire class. Students are expected to read assigned text prior to class and be prepared to participate in class.
7. Students are expected to coordinate in-class small group work effectively.

8. Each student will have courtesy and respectful behavior towards each student and the instructor. Students will refrain from making harassing and discriminating comments in the classroom. Students will be respectful and open-minded about diverse viewpoints expressed in the classroom. Teachers at Dixie State College have the right to manage the classroom environment to ensure a good learning climate. Toward this end, teachers (or college security) may dismiss and remove disruptive students from individual class activities. If a student's behavior continues to disrupt class activities, the teacher may dismiss and cause the removal of disruptive students from their course. Please refer to the DSC Academic Discipline policy for more information:

<http://www.dixie.edu/humanres/policy/sec3/334.html> or  
[www.dixie.edu/humanres/policy/sec5/533.html](http://www.dixie.edu/humanres/policy/sec5/533.html)

Faculty Rights and Responsibilities:

- To establish and implement academic and behavioral standards for the classroom
- To clearly outline expectations, verbally and in syllabi
- To address any inappropriate behavior
- To involve other offices (Dean of Students, Campus Police, etc.) when circumstances arise
- To make a determination regarding possible responses and outcomes for inappropriate behavior within the faculty member's class

What is disruptive behavior?

Disruptive behavior may best be defined as any behavior that inhibits an instructor's ability to conduct class, or behavior that limits another student's ability to benefit from instruction – including conduct, speech, or activity that interferes with the learning activities of other students. Some examples of disruptive behavior may include:

- Physical violence, verbal abuse, or harassment
- Sleeping in class
- Not facing forward in the class
- Putting your feet up on chairs and desks
- Intoxication or illegal drug use
- Use of profanity
- Having side conversations with classmates
- Failing to respect others when expressing their own viewpoints
- Talking while the instructor or another student is talking
- Arriving late to class
- Constant questions or interruptions that interfere with classroom presentation

Students engaging in disruptive behavior will be asked to immediately leave the classroom. If the student does not voluntarily leave the classroom, campus security can be called at DSC Campus Police immediately by calling 437-619-1144 or 435-619-1145.

If you believe that a student in the class is interrupting your ability to learn please notify the instructor as soon as possible so that the issue can be remedied.

9. You will receive grades for completed assignments within 1 week (7 days) of your submission. I will respond to your emails within 24-48 hours (I am usually able to respond within 12-24 hours). However, there is a high probability I will not respond to emails on Saturday and Sunday. Thus, if you email me on Friday at 5pm, there is a high likelihood that I will not respond to you until Monday.

## **EARNING POINTS IN THIS COURSE**

**Homework Assignments/Projects (10 points each; 50 points total):** Five homework assignments

will be given in this course. Written summaries must be typed and double-spaced in 12 pt. Times New Roman font on an 8.5" X 11" page with margins set at 1 inch. Staple multiple pages together. Include your name on all pages of the documents you submit. **Homework is due at the start of class.** If you will not be at class, be sure to leave the homework with the Administrative Assistant (she will put the assignment in my box) on the 2<sup>nd</sup> floor of the McDonald Building before the start of class on the due date. DESCRIPTIONS OF HOMEWORK ARE LOCATED TOWARDS THE END OF THE SYLLABUS.

**Lab Workbook Exercises (5 points each; 18 exercises; 85 points total):**

There are several lab exercises you will complete. The exercises are due at the end of lab. Late exercises will be deducted 10% if turned in late the same day of class. Then,

**Lab Attendance (3 points each; 13 labs; 39 points total)**

You will earn 5 points for coming and participating in each lab.

**Exams (50 points each; 150 points total).**

Three exams will be administered during the course. Tests may include True-False, Multiple Choice format questions, as well as short answer questions. These tests will be relevant to what is covered in lecture and the text. You can contact the instructor during office hours to discuss test grading.

**Poster Presentation (30 points).**

You will create and display a poster presentation about your research paper. You should use poster board. You need to include: Introduction, Hypotheses, Method, Results, and Discussion. Aesthetic presentation and oral presentation are included in the grade.

**Research Paper (125 points).** You will be required to submit an APA style research paper using data you have collected and analyzed in this course. **All papers MUST be uploaded to CANVAS so that they can be electronically checked for plagiarism via TurnItIn.com. Any paper that has not been uploaded prior to the due date will receive a zero. Papers must not have more than 3% plagiarism per TurnItIn.com. Paper should be 15 pages long.**

**Final Term Paper Grading Rubric- 125 Points Total for Paper**

Title Page (10points)

- Font
- Name
- Affiliation
- Centered
- Running Heads/ Page Numbers

Abstract (10 points)

- Not indented
- 200 words or less
- Follows guidelines on p. 26 of blue APA book

Introduction (25 points)

- Citation in each paragraph
- Proper citations in the text (style of citation, are citations included where they should be)
- All paragraphs are coherent and lead reader to the hypothesis (hourglass approach)
- Four pages in length, no longer than 5 pages in length
- Information is synthesized and well integrated/organized
- Font
- No quotes
- Hypothesis stated clearly

Method (10 points)

- Font
- Participants

- Research Design
- Measure
- Procedure
- Results (10 points)
  - Font
  - Restate hypothesis
  - Results are coherent, match what the hypothesis stated
  - State if results are significant or not
- Discussion (20 points)
  - Summary of Results
  - Theoretical Implications
  - Practical Implications
  - Conclusion
  - Font
- References (10 points)
  - At least 10
  - Formatting of references
- Table displaying demographic characteristics (10 points)
  - APA style
- Figure displaying results (10 points)
  - APA style
- Appendix (10 points)
  - Copy of survey or materials used for experiment

**Extra Credit**

There may be an opportunity for extra credit, up to 12 points. The instructor will present any opportunities for extra credit to the entire class. The instructor will not provide extra credit opportunities on an individual basis.

**LATE WORK AND MAKE-UP POLICY**

Exams, Tests, and In-class assignments cannot be made up or be submitted at a date/time past the assigned due date. Please arrange your schedule so that you are able to complete all course requirements on the designated time. If you know you will be out of class, you need to make arrangements to turn in your assignments before the scheduled due date. Any homework assignments that are submitted late will be penalized 20% for each calendar day it is late.

**COURSE GRADING SYSTEM**

**Total Points in Course = 484**

- Exams = 150 Points
- Lab Exercises = 90 Points
- Homework Assignments = 50 Points
- Lab Attendance = 39 Points
- Research Paper= 125 Points
- Final Poster Presentation = 30

**Percentage (%) Letter Grade**

- |            |                  |
|------------|------------------|
| 100-93 = A | 76-73 = C        |
| 92-90 = A- | 72-70 = C-       |
| 89-87 = B+ | 69-67 = D+       |
| 86-83 = B  | 66-63 = D        |
| 82-80 = B- | 62-60 = D-       |
| 79-77 = C+ | Less than 60 = F |

## HOW TO SUCCEED IN THIS COURSE

Come to class, do the assignments, study, read the text, review notes, and do the review activities located at the back of chapters, ask questions, and be involved in the class.

### TENTATIVE COURSE SCHEDULE\*

Week	Date(s)	Topic	Assignment Due
1	1/7/13	Introduction, Syllabus, Chapter 1	
	1/9/13	Chapter 2: Hypotheses; Start Exercise 7	
2	1/14/13	Lab 1: Exercises 7, 30, 31	
	1/16/13	Chapter 3: Scientific Method	
3	1/21/13	NO CLASS: HOLIDAY	
	1/23/13	Lab 2: Exercise 3	<b>Exercise 33</b>
4	1/28/13	Chapter 4: Measurement Issues	
	1/30/13	Lab 3: Exercises 9, 10, 11, 26	
5	2/4/13	Exam 1: Chapters 1-4	<b>Exam 1</b>
	2/6/13	Chapter 5: Ethics & Chapter 8 Reporting Research	<b>Annotated Bibliography</b> (10 references)
6	2/11/13	Lab 4: Exercises 15, 18	
	2/13/13	Chapter 6: Sampling; Exercise 19	
7	2/18/13	NO CLASS: HOLIDAY	
	2/20/13	Chapter 7: Statistics	
8	2/25/13	Lab 5: Exercises 20, 21, 22, 23	
	2/27/13	Chapter 9: Surveys	
9	3/4/13	Exam 2: Chapters 5, 6, 7, 9	<b>Exam 2</b>
	3/6/13	Chapter 10: Correlational Studies	
10	3/18/13	Chapter 11: Experiments	
	3/20/13	Chapter 12: Quasi-Experimental	
11	3/25/13	Lab 6: Identifying methods for your paper: Exercise 34	
	3/27/13	Lab 7: Creating your survey/experiment	

12	4/1/13	Chapter 13: Specialized Designs; Exercise 29	<b>Introduction and Method Section Survey/ Experiment Due Due</b>
	4/3/13	Exam 3: Chapters 10-13	
13	4/8/13	Lab 8: Data Collection (in class)	<b>Data Due</b>
	4/10/13	Lab 9: Data Analysis; Results	
14	4/15/13	Lab 10: Tables/Graphs/	<b>Results/Table/ Figure Due</b>
	4/17/13	Lab 11: Discussion Section	
15	4/22/13	Lab 12: Review APA Style	<b>Research Paper Due</b>
	4/24/13	Lab 13: Paper Finishing Touches	
<b>FINAL</b>	<b>Final Week is April 26-May 1</b> Research Poster Presentations		

\* SCHEDULE DATES ARE TENTATIVE AND SUBJECT TO CHANGE AT THE DISCRETION OF THE INSTRUCTOR

### Homework Assignments

**Assignment 1:** Complete Lab Manual Exercise 33

**Assignment 2:** Submit an annotated bibliography for 10 references pertaining to your research topic. All references must be in APA style. Each annotation should be a summary paragraph that is at least 5 sentences long.

**Assignment 3:** Submit the introduction, hypotheses, and method section of your paper. It must be in APA style.

**Assignment 4:** Submit a copy of your survey or protocol for your experiment. You must also submit a 1 page summary about how the survey or experiment will address your hypotheses.

**Assignment 5:** Submit a copy of the data you collected in class.

**Assignment 6:** Submit a copy of your APA style results section as well as a table and figure.

### **DISABILITY RESOURCE CENTER**

Students with medical, psychological, learning or other disabilities desiring reasonable academic adjustments, accommodations, or auxiliary aids to be successful in their program of study should contact the Disability Resource Center within the first two weeks of the beginning of classes for eligibility determination. Proper documentation of impairment is required in order to receive services. DRC is located on the ground floor of the Financial Aid Office. You may call 652-7516 to schedule appointment for further information regarding the process to receive accommodations. DRC Coordinator determines eligibility for and authorizes the provision of services.

Contact the center for eligibility determination. Proper documentation of impairment is required in order to receive services or accommodations. DRC is located at the ground floor of the Financial Aid Office. Visit or call 652-7516 to schedule an appointment to discuss the process. The DRC Coordinator determines eligibility for and authorizes the provision of services.

### **TUTORING AND WRITING CENTERS**

The Dixie State College of Utah Tutoring Center is located in the Browning Resource Center and is **free** for all registered Dixie State students. Tutors are available to assist you in clarifying concepts and class material, and in improving your study skills. The center also offers assistance with writing. Tutoring Center hours are Monday-Thursday from 9:00 am to 8:00 pm, and on Fridays from 9:00 am to 5:00 pm. Tutoring: <http://www.dixie.edu/tutoring/index.php> Writing Lab: <http://dsc.dixie.edu/owl/>

### **LIBRARY**

Please use the library! It is a great resource and the staff can help you find the materials you need. <http://library.dixie.edu/>

### **ACADEMIC INTEGRITY POLICY**

1. All work done for this course is to be your own, with the exception of the Group Projects.
2. Cheating/plagiarism is forbidden. All incidents will be reported to the Department Chair and/or Academic Dean.
3. All students are expected to have read and understand the current issue of the student handbook, published by Student Services. The handbook includes all student responsibilities, student rights, intellectual property policy, information regarding procedures, and appropriate student behavior.
4. Cheating of any kind may be punishable by one or more of the following: a) Receiving a failing grade on the specific assignment where dishonesty was observed; b) Receiving a failing grade in the course; c) Immediate dismissal from this course; and d) Referral to the Academic Affairs Committee which may take actions such as reprimands, placing on probation, suspension, or removal from Dixie State College of Utah.

For further information regarding student responsibilities related to academic integrity, please refer to Section 5.33.5 of the DSC policy, which can be viewed at <http://www.dixie.edu/humanres/policy/sec5/533.html>.

### **TESTING CENTER**

You will be required to take all Tests, except the Final Exam, in the testing center. Please contact the Testing Center to learn about their hours of operations and testing procedures. Testing Center - <http://dixie.edu/testing>

### **EMAIL**

You are required to frequently check your Dmail account. Important class and college information will be sent to your dmail account, including DSC bills, financial aid/scholarship notices, notices of cancelled classes, reminders of important dates and deadlines, and other information critical to your success at DSC and in your courses. If you don't know how to access your dmail account, go to [www.dixie.edu](http://www.dixie.edu) and select "Dmail" from the left column. To locate your dmail username and password, go to [www.dixie.edu](http://www.dixie.edu), and click on "Log in to student

### **OTHER IMPORTANT DATES/DEADLINES**



Jan 7	Classwork Starts
Jan 10	Last Day to Waitlist
Jan 11	Last Day to Add Without Signature
Jan 14	Drop/Audit Fee Begins (\$10 per class)
Jan 21	Martin Luther King Jr. Day
Jan 22	\$50 Late Registration/Payment Fee
Jan 29	Pell Grant Census
Jan 29	Last Day for Refund
Jan 29	Last Day to drop without receiving a "W" grade
Jan 30	Courses dropped for non-payment
Feb 1	Last Day to Add/Audit
Feb 1	Graduation Deadline for Spring 2013 associate degrees
Feb 18	President
Feb 25	Mid-Term Grades Due
Mar 1	Last Day to Drop Individual Class
Mar 1	Graduation Deadline for Summer 2013 baccalaureate degrees
Mar 11-15	Spring Break
Mar 18	Fall 2013 Class schedule available online
Mar 18	Summer Registration open to Seniors (90+ credits)
Mar 19	Summer Registration open to Juniors (60+ credits)
Mar 20	Summer Registration open to

	Sophomores (30+ credits)
Mar 21	Summer Registration open to all students
Mar 29	Last Day for Complete Withdrawal
Apr 1	Graduation Deadline for Fall 2013 baccalaureate degrees
Apr 8	Fall Registration open to Seniors (90+ credits)
Apr 9	Fall Registration open to Juniors (60+ credits)
Apr 10	Fall Registration open to Sophomores (30+ credits)
Apr 11	Fall Registration open to all students
Apr 24	Classwork Ends
Apr 25	Reading Day
Apr 26	Final Exams
Apr 29-30, May 1	Final Exams
May 1	Graduation Deadline for Summer 2013 associate degrees
May 2	Final Exams
May 3	Commencement

\*\*\*To learn more about syllabi at Dixie State College, refer to:  
<http://new.dixie.edu/reg/faculty/?page=Syllabus>