Basic Course Information

Semester:	**Spring 2022**	Instructor Name:	**Tina Williams**
Course Title & #:	**Research Methods in Psychology/PSY 212**	Email:	**tinawilliams@imperial.edu**
CRN #:	**20798**	Webpage (optional):	**N/A**
Classroom:	**Online**	Office #:	**Zoom/Telephone/email**
Class Dates:	**02/14/22 thru 06/10/22**	Office Hours:	**Thursday 5:30 – 6:30 pm**
Class Days:	**Tuesday/Thursday**	Office Phone #:	**760-352-8320**
Class Times:	**1:00 – 2:25 pm**	Emergency Contact:	**760-562-5404**
Units:	**3.00**	Class Format:	**RT-Online**

Course Description

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub disciplines of psychology. (CSU, UC).

Course Prerequisite(s) and/or Corequisite(s)

Prerequisite: PSY 101 and (PSY 214 or MATH 119) with a grade of "C" or better

Student Learning Outcomes

Upon Course completion, the successful student will have acquired new skills, knowledge and or attitudes as demonstrated by being able to:

1. *Identify and evaluate the various types of research methods used in psychology.*
2. *Identify and distinguish the difference in measurement concepts (i.e., reliability and validity).*
3. *Develop, design, and evaluate a research study, to test a hypothesis (i.e., experimental/design experiments).*

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- *Describe the scientific approach to learning about behavior and contrast it with pseudoscientific research.*
- *Define and give examples of the four goals of scientific research: description, prediction, determination of cause, and explanation of behavior.*

- *Discuss how a hypothesis differs from a prediction.*
- *Describe the different sources of ideas for research, including common sense, observation, theories, past research, and practical problems.*
- *Summarize the ethical principles in the APA ethics code concerning research with human participants.*
- *Define variable and describe the four categories of variables: situational, response, participant, and mediating variables.*
- *Describe the properties of the four scales of measurement: nominal, ordinal, interval, and ratio.*
- *Compare quantitative and qualitative methods of describing behavior.*
- *Discuss reasons for conducting survey research.*
- *Describe a matched pairs design, including reasons to use this design.*
- *Describe ways to control participant expectations and experimenter expectations.*
- *Define factorial design and discuss reasons a researcher would use this design.*
- *Define cohort effect.*
- *Discuss how a partial correlation addresses the third-variable problem.*
- *Define power of a statistical test.*

Distinguish between narrative literature reviews and meta-analyses

Textbooks & Other Resources or Links

Cozby, P.C., Bates, S (2020). Methods in Behavioral Research (14th ed.). McGraw-Hill: New York ISBN: 978-1-260-20558-9

Course Requirements and Instructional Methods

Research Project: You will be required to design a research project. More information about this assignment will be given later.

Quizzes: Quizzes will be given for each chapter read. No late quizzes will be accepted. Each quiz will be worth 5 points.

Discussions/Chapter Exercises/Short answer questions: Discussion questions, short answer questions, and chapter exercises will be based on a topic that is relevant to the chapter of the week. Students will reply to the post providing their relevant and appropriate response. Students will also reply to two of their classmates providing further information and/or opinion on the subject.

Exams: Two exams will be given. Exams will consist of multiple-choice and true and false questions. The short-answer questions will usually be patterned after problems that we will work in class through discussions and group work.

Class participation and attendance: Class participation will be measured by presence, active interest and involvement in discussions, exercises, and presentations.

Out of class assignments: The Department of Education policy states that one (1) credit hour is the amount of student work that reasonably approximates not less than one hour of class time and two (2)

hours of out-of-class time per week over the span of a semester. WASC has adopted a similar requirement.

What if I need to borrow technology or access to WIFI?

1. To request a loaner laptop, MYFI device, or other electronic device, please submit your request here: https://imperial.edu/students/student-equity-and-achievement/

2. If you'd like access the WIFI at the IVC campus, you can park in parking lots "I & J". Students must log into the IVC student WIFI by using their IVC email and password. The parking lots will be open Monday through Friday from 8:00 a.m. to 7:00 p.m.

   Guidelines for using parking WIFI:
   -Park in every other space (empty space BETWEEN vehicles)
   -Must have facemask available
   -For best reception park near buildings
   -Only park at marked student spaces
   -Only owners of a valid disabled placard may use disabled parking spaces
   -Only members of the same household in each vehicle
   -Occupants **MUST** remain in vehicles
   -Restrooms and other on-campus services not available
   -College campus safety will monitor the parking lot
   -Student code of conduct and all other parking guidelines are in effect
   -Please do not leave any trash behind
   -No parking permit required

   If you have any questions about using parking WIFI, please call Student Affairs at 760- 355-6455.

Course Grading Based on Course Objectives

Grading System:

90-100% = A

80-89% = B

70-79% = C

60-69% = D

50-59% = F

Quizzes	**65 points**	
Research Project	**50 points**	
Discussion Questions/Exercises	**60 points**	
Exams	**100 points**	
Participation Points	**25 points**	**Total: 300 points**

Grading System

A	270-300
B	269-240
C	239-210
D	209-180
F	179- 0

Course Policies

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absence exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

What does it mean to "attend" an online class?

Attendance is critical to student success and for IVC to use federal aid funds. Acceptable indications of attendance are:
- Student submission of an academic assignment
- Student submission of an exam
- Student participation in an instructor-led Zoom conference
- Documented student interaction with class postings, such as an interactive tutorial or computer-assisted instruction via modules
- A posting by the student showing the student's participation in an assignment created by the instructor.
- A posting by the student in a discussion forum showing the student's participation in an online discussion about academic matters.
- An email from the student or other documentation showing that the student has initiated contact with a faculty member to ask a question about an academic subject studied in the course.

- What is netiquette? Netiquette is internet manners, online etiquette, and digital etiquette all rolled into one word. Basically, netiquette is a set of rules for behaving properly online.
- Students are to comply with the following rules of netiquette: (1) identify yourself, (2) include a subject line, (3) avoid sarcasm, (4) respect others' opinions and privacy, (5) acknowledge and return messages promptly, (6) copy with caution, (7) do not spam or junk mail, (8) be concise, (9) use appropriate language, (10) use appropriate emoticons (emotional icons) to help convey meaning, and

(11) use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks (!!!!)].

How am I expected to act in an online "classroom" (especially Zoom)?
Attending a virtual meeting can be a challenge when there are many students on one conference call. Participating in such meetings may count as class attendance, but disruptive behavior may also result in you not being admitted to future meetings. Follow the tips below for best results:

1) **Be RESPECTFUL**
   a. Your written, verbal, and non-verbal communications should be respectful and focused on the learning topics of the class.
2) **Find a QUIET LOCATION & SILENCE YOUR PHONE (if zooming)**
   a. People walking around and pets barking can be a distraction.
3) **EAT AT A DIFFERENT TIME.**
   a. Crunching food or chugging drinks is distracting for others.
   b. Synchronous zoom times are set in advance so reserve meals for outside class meetings.
4) **ADJUST YOUR LIGHTING SO THAT OTHERS CAN SEE YOU**
   a. It is hard to see you in dim lighting so find a location with light.
   b. If your back is to a bright window, you will be what is called "backlit" and not only is it hard on the eyes (glare) but you look like a silhouette.
5) **POSITION THE CAMERA SO THAT YOUR FACE AND EYES ARE SHOWING**
   a. If you are using the camera, show your face; it helps others see your non-verbal cues.
   b. You may be at home but meeting in pajamas or shirtless is not appropriate so dress suitably. Comb your hair, clean your teeth, fix your clothes, etc. before your meeting time to show self-respect and respect for others.
6) **Be READY TO LEARN AND PAY ATTENTION**
   a. Catch up on other emails or other work later.
   b. If you are Zooming, silence your phone and put it away.
   c. If you are in a room with a TV – turn it off.
7) **USE YOUR MUTE BUTTON WHEN IN LOUD PLACES OR FOR DISTRACTIONS**
   a. Pets barking, children crying, sneezing, coughing, etc. can happen unexpectedly. It's best if you conference in a private space, but if you can't find a quiet place, when noises arise **MUTE** your laptop.
8) **REMEMBER TO UNMUTE WHEN SPEAKING**
   a. Follow your instructor's directions about using the **"raise hand"** icon or chat function to be recognized and to speak, but make sure you have unmuted your device.
   b. Do not speak when someone else is speaking.
9) **REMAIN FOCUSED AND PARTICIPATE IN THE MEETING**
   a. Especially when the camera is on YOU, we can all see your actions. Engage in the meeting. Look at the camera. Listen to instruction. Answer questions when asked.
   b. Do not use the Zoom meeting to meet with your peers or put on a "show" for them.
10) **PAUSE YOUR VIDEO IF MOVING OR DOING SOMETHING DISTRACTING**

a. Emergencies happen. If you need to leave the room or get up and move about, stop your video.

Other Course Information

Academic honesty in the advancement of knowledge requires that all students and instructors respect the integrity of one another's work and recognize the important of acknowledging and safeguarding intellectual property.

There are many different forms of academic dishonesty. The following kinds of honesty violations and their definitions are not meant to be exhaustive. Rather, they are intended to serve as examples of unacceptable academic conduct.

- Plagiarism is taking and presenting as one's owned the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to "cite a source" correctly, you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment, or using or attempting to use materials, or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or plagiarizing will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to, the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment; (c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment; (e) using a commercial term paper service.

How do I show academic honesty and integrity in an online "classroom"?

- **KEEP YOUR PASSWORDS CONFIDENTIAL.**
  - You have a unique password to access online software like Canvas. Never allow someone else to log-in to your account.
- **COMPLETE YOUR OWN COURSEWORK.**
  - When you register for an online class and log-in to Canvas, you do so with the understanding that you will produce your own work, take your own exams, and will do so without the assistance of others (unless directed by the instructor).

Examples of Academic Dishonesty that can occur in an online environment:
- Copying from others on a quiz, test, examination, or assignment.
- Allowing someone else to copy your answers on a quiz, test, exam, or assignment.
- Having someone else take an exam or quiz for you.

- Conferring with others during a test or quiz (if the instructor didn't explicitly say it was a group project, then he/she expects you to do the work without conferring with others);
- Buying or using a term paper or research paper from an internet source or other company or taking any work of another, even with permission, and presenting the work as your own.
- Excessive revising or editing by others that substantially alters your final work.
- Sharing information that allows other students an advantage on an exam (such as telling a peer what to expect on a make-up exam or prepping a student for a test in another section of the same class);
- Taking and using the words, work, or ideas of others and presenting any of these as your own work is plagiarism. This applies to all work generated by another, whether it be oral, written, or artistic work. Plagiarism may either be deliberate or unintentional.

IVC Student Resources

Imperial Valley College offers various services in support of student success. The following are some of the services available for students. Please speak to your instructor about additional services which may be available.

How do I access services now that we are mostly online?

- CANVAS LMS. Canvas is Imperial Valley College's Learning Management System. To log onto Canvas, use this link: Canvas Student Login. The Canvas Student Guides Site provides a variety of support available to students 24 hours per day. Additionally, a 24/7 Canvas Support Hotline is available for students to use: 877-893-9853.
- Learning Services. In order to accommodate students and maximize student success during the COVID-19 Pandemic, all tutoring support is being provided through one Zoom link (IVC online Tutoring). When campus is open again, there are several learning labs to assist students. Whether you need support using computers, or you need a tutor, please consult your Campus Map for the Math Lab; Reading, Writing & Language Labs; and the Study Skills Center.
- Library Services. Visit the Spencer Library's page on the IVC website for a wealth of valuable resources and online access to databases, e-books and more. Contact us so we can help you with instructional and research development skills (for those conducting research and writing academic papers). When campus re-opens, students also have access to tutoring services in the Study Skills Center as well as private study rooms for small study groups. There is more to our library than just books!
- Career Services Center. The Career Services Center is dedicated to serve all IVC students and Alumni. Services include Career Assessments, Resume and Cover Letter Assistance, Interview Preparation, Internship Opportunities and Job Placement.
- Child Development Center. The Preschool and Infant/Toddler Centers are on-campus demonstration lab programs that meet the educational, research, and service needs of the institution and community at large. The Preschool program (children three to five years of age) and the Infant/Toddler program (newborn to three years of age) is in buildings 2200 and 2300. Service is available to families who meet the California Department of Education qualifications for enrollment. The centers are open during COVID from Monday-Friday 7:15-5:30. Breakfast, lunch and snack are provided through the

California Adult and Child Food Program. Location: Buildings 2200 and 2300. Phone: (760) 355-6528 or (760) 355-6232. Application: https://forms.imperial.edu/view.php?id=150958

The mission of the IVC Military and Veteran Success Center is to provide a holistic approach to serving military/veteran students in three key areas: 1) Academics, 2) Health and Wellness, and 3) Camaraderie. The Center also serves as a central hub that connects military/veteran students, as well as their families, to campus and community resources. The goal is to ensure a seamless transition from military to civilian life. When campus reopens, the Center is in Building 600 (Office 624), telephone 760-355-6141.

The Extended Opportunity Program and Services (EOPS) offers services such as priority registration, book grants, transportation assistance, individualized counseling, tutoring, and community referrals to eligible students. Our staff is available to assist and support students in navigating personal, psychological, academic, and/or career-related issues through empathy, cultural-competence, and a commitment to equity and social justice. Also, under the umbrella of EOPS is the CARE (Cooperative Agency Resources for Education) Program, designed to serve single parents and assist with addressing issues that are particular to this population. Students that are single parents receiving TANF/Cash Aid assistance may qualify for our CARE program. For additional information about the EOPS or CARE Programs please contact our Program Office 760.335-6407 and/or visit our Program website www.imperial.edu/students/eops for eligibility criteria and application procedures. We look forward to serving you! - EOPS/CARE Staff

The Student Equity & Achievement Program strives to improve Imperial Valley College's success outcomes, particularly for students who have been historically underrepresented and underserved. The college identifies strategies to monitor and address equity issues, making efforts to mitigate any disproportionate impact on student success and achievement. Our institutional data provides insight surrounding student populations who historically, are not fully represented. SEA addresses disparities and/or disproportionate impact in student success across disaggregated student equity groups including gender, ethnicity, disability status, financial need, LGBTQIA+, Veterans, foster youth, homelessness, and formerly incarcerated students. The SEA Program also houses IVC's Homeless Liaison, Foster Youth Liaison, Formerly Incarcerated Liaison, and Military Affiliated Liaison, who provide direct services and referrals to students in need. SEA strives to empower students experiencing insecurities related to food, housing, transportation, textbooks, and shower access. We recognize that students who struggle meeting their basic needs are also at an academic and economic disadvantage, creating barriers to academic success and wellness. We strive to remove barriers that affect IVC students' access to enrollment, education, degree and certificate completion, and the ability to transfer to a university. SEA also provides outreach at local Imperial County high schools to ensure graduating seniors are successfully matriculated into the college and have a strong support system. Please visit us online for assistance at https://imperial.edu/students/student-equity-and-achievement/ or call us at 760-355-6465 or when campus reopens, visit Building 401.

What if I cannot afford food, books, or need other help?
We have many resources that are available to you. Please tell us what you need by submitting your request(s) here: https://imperial.edu/students/student-equity-and-achievement/

Students have the right to experience a positive learning environment and to due process of law. For more information regarding student rights and responsibilities, please refer to the IVC General Catalog.

Imperial Valley College is dedicated to helping students skillfully discover, evaluate, and use information from all sources. The IVC Library Department provides numerous Information Literacy Tutorials to assist students in this endeavor.

Anticipated Class Schedule/Calendar

[Provide a tentative overview of the readings, assignments, tests, and/or other activities for the duration of the course. A table format as in the example below may be used for this purpose.]

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 1	Syllabus & Introduction/Q&A assignment	
Week 2	Chapter 1: Scientific Understanding of Behavior/Quiz	
Week 3	Chapter 2: Where to Start /Quiz	
Week 4	Chapter 3- Ethics in Behavioral Research/Quiz	Discussion Questions Chapter Assignments Videos
Week 5	Chapter 4: Fundamental Research Issues/Quiz	
Week 6	Chapter 5: Measurement Concepts/Quiz	Discussion Questions Chapter Assignments Videos
Week 7	Chapter 6: Observational Methods/Quiz	
Week 8	Chapter 7: Asking People About Themselves/Quiz	
Week 9	Chapter 8: Experimental Design/Quiz	
Week 10	Chapter 9: Conducting Experiments/Quiz Mid-Term: Chapters 1 thru 6	Discussion Questions Chapter Assignments Videos
Week 10	Mid-Term: Chapters 1 thru 6/Video	
Week 11	Chapter 10: Complex Experimental Designs/Quiz	
Week 12	Chapter 11: Single-Case, Quasi-Experimental/Quiz	Discussion Questions Chapter Assignments Videos
Week 13	Chapter 12: Understanding Research Results/Quiz	
Week 14		

Date or Week	Activity, Assignment, and/or Topic	Pages/ Due Dates/Tests
Week 15	Final Individual Project (1st group)	
Week 16	Final Individual Project (2nd group)	
	Final 7 thru 12	

Subject to change without prior notice