IMPERIAL VALLEY COLLEGE

Basic Course Information

Semester:	**Spring 2023**	Instructor Name:	**Joseph Pipkin, PhD**
Course Title & #:	**Research Methods in Psychology - Psy -212**	Email:	**joseph.pipkin@imperial.edu**
CRN #:	**20798**	Webpage (optional):	**http://www.imperial.edu**
Classroom:	**Online**	Office #:	**IVC-203E**
Class Dates:	**2/13 – 6/09/2023**	Office Hours:	**M 12:15PM-2:15PM on campus and Wed. 12:15PM-2:15PM online**
Class Days:	**Online**	Office Phone #:	**(760)355-6149 ext. 6149**
Class Times:	**Online**	Emergency Contact:	**(760)355-6144**
Units:	3	Class Format:	**Online**

Course Description

This course introduces research methodologies used in the behavioral sciences. It emphasizes an appreciation of the scientific method, the development of research skills, knowledge of research ethics, and the evaluations of scientific research. Students conduct library research, design and implement research projects using appropriate methodologies and controls, analyze and interpret data using a statistical computer program and write research reports using the APA format.

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. Evaluate and summarize relevant peer reviewed scientific articles.
2. Develop a research design to evaluate a hypothesis.
3. Communicate background, results and implications of research using APA style.

Course Objectives

Upon satisfactory completion of the course, students will be able to:
1. Compare and contrast different research methods and sampling techniques.
2. Explain how controls are used to reduce threats of internal validity, external validity, and measurement validity.
3. Discuss the characteristics and benefits of the scientific method and explain the logic behind hypothesis testing.
4. Design and conduct empirical research project(s).
5. Utilize library research and evaluate the reliability of sources.
6. Critically read, extract information, evaluate, and summarize research in behavioral sciences.
7. Analyze research data using a statistical package, demonstrating knowledge of statistics by selecting the appropriate descriptive statistics, inferential statistics, graphs, and tables to evaluate, explore and communicate findings.

8. Write college-level scientific research papers using APA writing style (e.g., abstract, introduction, methods, participants, materials, procedure, results discussion, reference section).
9. Explain ethical issues pertaining to behavioral science research with animal and human subjects.

Textbooks & Other Resources or Links

Gravetter, F.J. & Forzano, L.B. (2018). Research Methods for the Behavioral Sciences, (6th Ed.). Cengage. ISBN: 978-1-337-61331-6

Course Requirements and Instructional Methods

This course will consist of a combination of lectures, assigned readings, group work, individual projects and performance on quizzes and exams.

Participation. You will be expected to demonstrate an understanding of the assigned reading by actively participating in class discussions.

Research Assignments. You will be provided with and/or asked to conduct a literature search for various research articles that align with the various types of research designs discussed in your textbook.

Course Grading Based on Course Objectives:

You will be provided with critical thinking questions in which to analyze and evaluate the article. Questions are to be answered in the following format: double-spaced, size 12 font, and 1inch margins. Each research assignment will be worth 25 points. Late research assignments will be accepted up to one class period of the due date.

APA Research Paper Structure. You will produce a draft(s) of each component in an APA style research paper for practice purposes. We will discuss the structure for each section in class and use research articles and/or data to prepare for your final paper. The draft for each section will be worth 10 points. No drafts will be accepted after the Research Paper due date.

Research Paper:

There will be a research paper due at the end of the semester in which you will work individually or with a partner to demonstrate your ability to design a research project, collect data, and write up the results of the research in the correct APA format. The paper will include a Title Page, an Abstract, an Introduction (literature review) of the research topic, a Method section, a Results section, a Discussion section, and a Reference page. Graphs, charts and figures can also be included. The paper will be worth 100 points. Late research papers will result in a loss of 10 points each day after the due date.

Research Presentation:

We will have a poster session at the end of the semester (online upload). You will present your research study and results on a poster in the classroom. Students and guests will have a chance to read your research and ask questions or make comments. We will go over the procedures for making a poster in class. The poster and presentation will be worth 50 points.

Exam

There will be one exam. The exam could consist of multiple choice, fill in the blank, short answer and essay questions from the class material. No make-up exams will be given unless you have called me PRIOR to the exam and let me know you will not be able to take the exam. If you contact me prior to the exam, you will have one week to make-up the exam. Each exam will be worth 100 points.

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.

Course Grading Based on Course Objectives

Grading Criteria:

Adding all up, grades will be divided in eight categories:

- One exam (mid-term) = 50 points
- Literature Review Assignment = 20 points
- Class Participation and Attendance (Canvas discussions) = 50 points
- Final Research Paper = 100 points
- Reflection Papers x 4 (25 points each) = 100 points
- Abstract = 10 points
- Title Page = 10 points
- Welcome Email Assignment = 5 points
- Welcome Discussion = 5 points
- Presentation = 50 points
- Summary Article = 20 points

Total = 420 points (90% or higher = A, 80 to 89% = B, 70 to 79% = C, 60 to 69% — D, 59% or lower = F).

DEADLINES: There will be *no make-up exams or late papers*, only under extreme circumstances. It is expected as a college student to be responsible and organized. I will be open for discussion regarding missed deadlines; however, please make an extra effort to be on time with all class requirements.

Course Policies

Attendance:
- 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 absences 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.

Classroom Etiquette:

- **Electronic Devices**: Cell phones and electronic devices must be turned off and put away during class, unless otherwise directed by the instructor.
- **Food and Drink:** are prohibited in all classrooms while class is in session.   Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed by the instructor.
- **Disruptive Students:** Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- **Children in the classroom:** Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Online Netiquette:
- 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
   11. Use appropriate intensifiers to help convey meaning [do not use ALL CAPS or multiple exclamation marks].

Academic Honesty:
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 own 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.

Other Course Information

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.

- CANVAS LMS. Canvas is Imperial Valley College's main Learning Management System. 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.** There are several learning labs on campus to assist students through the use of computers and tutors. Please consult your Campus Map for the Math Lab; Reading, Writing & Language Labs; and the Study Skills Center.

- **Library Services**. There is more to our library than just books. You have access to tutors in the Study Skills Center, study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)
Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6313. Please contact them if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services
Students have counseling and health services available, provided by the pre-paid Student Health Fee.
- **Student Health Center**. A Student Health Nurse is available on campus. In addition, Pioneers Memorial Healthcare District and El Centro Regional Center provide basic health services for students, such as first aid and care for minor illnesses. Contact the IVC Student Health Center at 760-355-6128 in Room 1536 for more information.
- **Mental Health Counseling Services**. Short-term individual, couples, family, and group therapy are provided to currently enrolled students. Contact the IVC Mental Health Counseling Services at 760-355-6310 in Room 1536 for more information.

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

Extended Opportunity Program and Services (EOPS)

The Extended Opportunity Program and Services (EOPS) offers services such as priority registration, personal/academic counseling, tutoring, book vouchers, and community referrals to qualifying low-income students. EOPS is composed of a group of professionals ready to assist you with the resolution of both academic and personal issues. Our staff is set up to understand the problems of our culturally diverse population and strives to meet student needs that are as diverse as our student population.

Also, under the umbrella of EOPS our CARE (Cooperative Agency Resources for Education) Program for single parents is specifically designed to provide support services and assist with the resolution of 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 on CARE please contact Lourdes Mercado, 760-355- 6448, lourdes.mercado@imperial.edu.

EOPS provides additional support and services that may identify with one of the following experiences:

• Current and former foster youth students that were in the foster care system at any point in their lives

• Students experiencing homelessness

• Formerly incarcerated students

To apply for EOPS and for additional information on EOPS services, please contact Alexis Ayala, 760-355-5713, alexis.ayala@imperial.edu.

Student Equity Program

•The Student Equity 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. Student Equity addresses disparities and/or disproportionate impact in student success across disaggregated student equity groups including gender, ethnicity, disability status, financial need, Veterans, foster youth, homelessness, and formerly incarcerated students. The Student Equity Program provides direct supportive services 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 education, degree and certificate completion, successful completion of developmental math and English courses, and the ability to transfer to a university. Contact: 760.355.5736 or 760.355.5733 Building 100.

• The Student Equity Program also houses IVC's Homeless Liaison, who provides direct services, campus, and community referrals to students experiencing homelessness as defined by the McKinney-Vento Act. Contact: 760.355.5736 Building 100.

Students Rights and Responsibility

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.

Information Literacy

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.

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit http://www.imperial.edu/studentresources or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

Week 1: 2/13 - 2/19/23	- Syllabus and Introduction - Chapter 1 Introduction, Acquiring Knowledge, and the Scientific Method *Welcome Email due 2/19/23* (5 points) *Welcome Discussion due 2/19/23* (5 points) - Chapter 1 discussion due 2/19/23
Week 2: 2/20 – 2/26/23	***No Class 2/20/23*** - Chapter 2 Research Ideas and Hypotheses - Chapter 2 discussion due by 2/26/23 *Article Check 2/26/23*
Week 3: 2/27 – 3/5/23	- Chapter 3 Defining, and Measuring Variables - Chapter 3 discussion due by 3/5/23 - Find Papers for Literature Review **Topic Established 3/5/23**
Week 4: 3/6 – 3/12/23	- Chapter 4 Ethics in Research - Chapter 4 discussion due by 3/12/23 *Summary Article due by 3/12/23* (20 points)
Week 5: 3/13 – 3/19/23	- Chapter 5 Selecting Research Participants - Chapter 5 discussion due by 3/19/23 *Reflection #1* (25 points) *Assignment due by 3/19/23*

Week 6: 3/20 – 3/26/23	• Chapter 6 Research Strategies and Validity • Chapter 6 discussion due by 3/26/23
Week 7: 3/27 – 4/2/23	• Chapter 7 The experimental Research Strategy • Chapter 7 discussion due by 4/2/23 • *Reflection #2* (25 points) *Assignment due by 4/2/23*
Week 8: 4/3 – 4/9/23	• Chapter 16 Writing an APA Style Research Report • Chapter 16 discussion due by 4/9/23 • Literature Review Assignment (20 points) due by 4/9/23
Week 9: 4/10 – 4/16/23	**4/10 – 4/15/23 (Campus Closed Spring Recess)**
Week 10: 4/17 – 4/23/23	• ***Midterm (50 Points) open from 4/17 – 4/20/23*** • Chapter 8 Experimental Designs: Between-Subjects Design • Chapter 8 discussion due by 4/23/23
Week 11: 4/24 – 4/30/23	• *Title page due 4/30/23* (10 points) • Chapter 9 Experimental Designs: Within-Subjects Design • Chapter 9 discussion due by 4/30/23 • *Reflection #3* (25 points) *Assignment due by 4/30/23*
Week 12: 5/1 – 5/7/23	• Chapter 10 The nonexperimental and Quasi-Experimental Strategies • Chapter 10 discussion due by 5/7/23 • *Abstract due 5/7/23* (10 points)
Week 13: 5/8 – 5/14/23	• Chapter 11 Factorial Designs • Chapter 11 discussion due by 5/14/23
Week 14: 5/15 – 5/21/23	• *Reflection #4* (25 points) *Assignment due by 4/2/23* • Chapter 12 The Correlational Research Study

	• Chapter 12 discussion due by 5/21/23
Week 15: 5/22 – 5/28/23	• Chapter 13 The Descriptive Research Strategy • Chapter 13 discussion due by 5/28/23
Week 16: 5/30 – 6/4/23	• **No Class 5/29/23** • *Presentations* (50 points) • Discussion due by 6/4/23
Week 17: 6/5 – 6/9/23	• *Final Research Paper due by 6/9/23 (*100 **points)** • *Presentations* (50 points) • Discussion due by 6/9/23
Notes	• Last day of school 6/9/2023 • Final Presentations from 5/30/23 – 6/9/23 • Presentations are worth 50 points • The final paper is worth 100 points • Presentations are via zoom online, live (individual or students can attend for extra credit.

This May change in case of Emergency

Subject to change without prior notice