



## Basic Course Information

Semester:	Fall 2021	Instructor:	Robert Wyatt
Course Title & #:	PSY 212 – Research Methods in Psych	Email:	Robert.wyatt@imperial.edu
CRN #:	10320	Webpage:	<a href="http://www.imperial.edu">http://www.imperial.edu</a>
Classroom:	RT-Online	Office #:	807-C
Class Dates:	08/16/21 – 12/11/21	Office Hours:	M & W 10:00 – 11:30am T & TH 11:30 – 12:30pm
Class Days:	Monday & Wednesday	Office #:	760-355-6491
Class Times:	8:00 – 9:25am	Emergency:	760-355-6144
Units:	3.0	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.

## 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 would 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.
- *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.

## Student Learning Outcomes

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

1. Identify and evaluate the various types of research methods used in psychology.
2. Write a research proposal and literature review in correct APA format.
3. Perform a literature search using electronic databases that provide psychological journal articles



## Course Objectives

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes towards...

1. Describe the basic research approaches and design methods required in behavioral sciences.
2. Summarize behavioral science abstracts
3. Analyze behavioral science studies to identify methodological flaws and/or unfounded conclusions.
4. Identify appropriate elementary statistical techniques for use in quantitative studies.
5. Conduct a review of relevant research literature.
6. Explain ethical issues pertaining to research with animal and human participants.
7. Construct a pilot study.
8. Write a research report, using acceptable APA formatting.

## Textbooks & Other Resources or Links

Gravetter, Frederick J. , Forzano Lori-Ann B. (2019). Research Methods For The Behavioral Sciences (6th/e). Cengage Learning

## Course Requirements and Instructional Methods

This class is will be on Zoom. Look in CANVAS for the meeting number and password. All coursework will be completed online via CANVAS.

**Modules Section:** You will find all the information. I have broken it up by chapters. In the section, you will see Power-point slides, videos, and my summary of the chapters.

**Tests:** You will be given a Mid-Term and a Final Exam. (100 questions each consisting of both multiple choice / True-False)

**Research Paper:** A primary focus of the course is to learn how do develop research questions that can be tested (i.e. hypotheses), develop the methods for testing a hypothesis (i.e. experimental design) understand results obtained from research studies, interpret those findings in the context of past research and disseminate information in science and contribute to the existing knowledge bases. All of this is to be considered with respect to the ethical and procedural guidelines set forth by the American Psychological Association. To accomplish this, you will write an original research proposal for a potential experiment. I will be helping you out along the way.

## Course Grading Based on Course Objectives

ASSIGNMENT	TOTAL POINTS
Tests (2 total)	200
Individual Research Project	100
<b>TOTAL</b>	<b>300</b>
GRADE	POINTS
A	270 - 300



<b>B</b>	269 - 240
<b>C</b>	239 - 210
<b>D</b>	209 - 180
<b>F</b>	179 - 0

## Other Information

### Question: 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".
3. Students must log into the IVC student WIFI by using their IVC email and password.
4. The parking lots will be open Monday through Friday from 8:00 a.m. to 7:00 p.m.

### Guidelines for using parking WIFI:

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

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

## Other Course Information

### 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)

## 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	CHAPTER	Topic	ASSIGNMENT	DUE DATE
08/16 - 08/20	Introduction			
08/23 - 08/27	Chapter 1	Acquiring Knowledge		
08/30 - 09/10	Chapter 2	Ideas & Hypotheses		
09/13 - 09/17	Chapters 3	Defining & Measuring Variables		
09/20 - 09/24	Chapter 4 & 5	Ethics / Selecting Participants		
09/27 - 10/01	Chapter 6 & 7	Research Strategies & Validity		
10/04 - 10/08	Chapter 8 & 9	Experimental Research Designs	Mid-Term: Chapters 1 - 8	10-10-2021
10/11 - 10/15	Chapter 10	Non-Experimental Designs		
10/18 - 10/22	Chapter 11	Factorial Designs		
10/25 - 10/29	Chapter 12	Correlational Strategies		
11/01 - 11/05	Chapter 13	Descriptive Strategies		
11/08 - 11/19	Chapter 14	Single-Case Designs		
11/22 - 11/26	No Class	Fall Recess		
11/29 - 12/03	Chapter 15	Statistical Evaluations		
12/06 - 12/10	Chapter 16	Writing an APA Research Report	Final: Chapters 9 - 16 Research Paper	12-10-2021

\*\*\*Subject to change without prior notice\*\*\*