

PSY 300: Research Methods in Psychology (SWS)

Course Syllabus, Section 13, Winter 2025

Course Information

- **Course Title:** Research Methods in Psychology
- **Course Code:** PSY 300 13
- **CRN:** 39238
- **Credits:** 3
- **Prerequisites:** PSY 101, WRT 150, and (STA 215 or STA 312)
- **Course Format:** Traditional (face-to-face)
- **Class Schedule:** MWF, 3:00 PM - 3:50 PM
- **Location:** Mackinac Hall (MAK), Room A2117

Instructor Information

- **Instructor:** Dr. Paolo Campus
- **Office:** 2115 Au Sable Hall
- **Office Hours:** Mondays & Wednesdays, 1:00 PM - 03:00 PM (or by appointment)
- **Email:** campusp@gvsu.edu
- **Phone:** (616) 331-2421
- **Zoom:** [Personal Meeting ID](#) (use this link for personal meetings)
- **How to contact me:** The best way to contact me is via e-mail. I will do my best to reply within 24 hours to e-mails received during business hours (Monday-Thursday, 9:00 a.m. - 5:00 p.m.). I will be in limited contact during weekends, and I won't be able to reply until the following Monday. For urgent communication, make sure to write "URGENT" in the subject line of the e-mail, and I will do my best to reply as soon as possible.

Course Overview

Every day of our life we are constantly exposed to an endless amount of claims that appear to be credible, accurate, and trustworthy. For example, is it true that we only use 10% of our brain? Is it true that sugar makes children hyperactive? Or, what about the widespread belief that vaccines cause autism? Clearly, if we hold a belief based on inaccurate, misleading, or deliberately deceptive information, we may expose ourselves to the risk of making regretful mistakes. For instance, believing that vaccines cause autism may expose individuals to the risk of getting sick with preventable infectious diseases, such as measles or chickenpox. So, the big question here is how can we distinguish legitimate claims from misleading or deceptive ones? Or, in other words, **how do we know when something is “true”?**

This course will offer a solution to some of these problems by teaching you to look at the world like a research psychologist. You will learn how scientific evidences, obtained, processed, and analyzed through **empirical research** represent the best possible way to tell if a certain claim is more or less likely to be legitimate or trustworthy. We will work to understand different types of **research designs**, the types of claims made based on those designs, and their strengths and weaknesses. In addition, you will learn to **critically analyze research findings** and strengthen your ability to communicate about them by sharpening your **scientific writing skills**.

Over the course of the semester, we will cover a wide range of topics including: the use of the empirical method in Psychology, the formulation and testing of hypotheses, the logic behind different research designs, reliability & validity of psychological measurements, and how to assess the validity of a research claim. A special emphasis will be given to learning practical skills such as consulting abstract databases (e.g., PsycINFO), finding and recognizing legitimate sources of scientific information, and writing research reports in the style outlined in the Publication Manual of the American Psychological Association (APA). The ultimate goal of the course is to promote the development of systematic strategies that

students can use to understand and evaluate the validity of research claims and communicate about them in a clear and effective way (research consumers), as well as to plan and conduct your own research (research producers).

Course Objectives

By the end of this course, students will be able to:

- **Understand Research Principles:** Demonstrate an understanding of the scientific method as applied to psychological research, including hypothesis formation, operational definitions, research designs, and ethical considerations.
- **Design Research Studies:** Develop well-structured research proposals, selecting appropriate research designs (e.g., experimental, correlational, descriptive) based on the study's objectives.
- **Evaluate Research:** Critically analyze and evaluate psychological research articles, focusing on methodology, validity, reliability, and ethical considerations.
- **Conduct Ethical Research:** Recognize and address ethical issues in psychological research, adhering to professional standards and guidelines such as those outlined by the American Psychological Association (APA).
- **Communicate Research Findings:** Effectively present research findings in written format, adhering to APA style guidelines for academic and professional communication.
- **Explore Research Applications:** Apply research methods to address real-world problems in psychology, including clinical, educational, social, and organizational contexts.

Materials

- **Textbook:** Morling, B. (2021). *Research Methods in Psychology: Evaluating a World of Information*. 4th edition. W. W. Norton & Company. ISBN: 9780393536294. Your course is participating in the GVSU SAVE program. This means your course material will be delivered to you via a link on the course's Blackboard Ultra page. However, if you decide you don't want to participate, you will need to Opt-Out of the program and be sure you obtain the material on your own. If you decide to opt-out, you must do it by MIDNIGHT ON FRIDAY, JANUARY 17th . Your student account will be refunded if you Opt-Out by this date. For instructions on how to opt-out, and more information about the program visit the GVSU SAVE website at: <https://lakerstore.gvsu.edu/gvsusave>. If you have any questions or are experiencing any issues, please contact lakersave@gvsu.edu.
- **Additional Readings.** Publication manual of the American Psychological Association (7th ed). American Psychological Association. ISBN: 978-1433832161 (This is available at GVSU library). Other additional readings will be posted on Blackboard.
- **Internet Access:** All course materials/contents, including, readings, lecture slides, articles, study guides, announcements, exams, and grades, will be posted on the course Blackboard page, available at <https://lms.gvsu.edu/>.
- **Computer/Tablet/Smartphone:** Blackboard runs on Windows, Linux, iOS, Android, or any other electronic device with an up-to-date web browser.
- **PDF Reader:** Some material in this course may be presented in PDFs. To view these materials, you will need a [PDF reader](#).
- **Word Processor:** You will need a word processing software (e.g., Microsoft Office, Google Docs, etc.) to complete some course assignments. [Office 365](#) is available for free for personal computers/devices for qualifying GVSU students.

Evaluation and Grading

Grades will be determined by your scores on 3 types of assessment:

- **Worksheets.** You will have to submit 2 Worksheets (i.e., practical exercises). The first worksheet will test your ability to perform a search using PsycINFO. The second worksheets will test your understanding of the APA formatting style. Each worksheet is worth 10 points.
- **Exams.** There will be a total of 4 exams (3 midterms + 1 non-cumulative final exam). Each exam consists of 30 multiple choices or fill-in-the-blank questions. The exams will be available on Blackboard, at least seven days prior to the due date. You can take the exam anytime during this window. Once you start, the exam can't be stopped and resumed, and must be completed within 40 minutes. During each exam, you may access slides, textbook, notes, and the Blackboard page of the course. Use these resources sparingly: because of the time constraints, you won't be able to look up every answer. Therefore, the best strategy for doing well is reading the material in advance.
- **Research Proposal.** Students will have to propose a hypothetical study aimed at testing a research hypothesis. The objective of this assignment is to give you an opportunity to apply some of the notions and concepts learned during this course and to familiarize yourself with the logical steps that need to be taken to achieve a research goal. The proposal will be developed in 3 stages, with two drafts submitted before the completion of the final manuscript. Details about the mini research proposal will be provided in class and on Blackboard.

Points Breakdown

You can find below a breakdown of the points assigned and a brief description of the assessments. Further instructions, including due dates, grading rubrics, and specific guidelines will be provided on the Blackboard page of the course.

| Assignment | Points Available | % of Final Grade |
|---|-------------------------|-------------------------|
| Worksheet 1: PsycINFO Search | 5 | 2% |
| Worksheet 2: APA Style Reference Exercise | 5 | 2% |
| Exam 1 (Chapters 1, 2, and 4) | 30 | 12% |
| Exam 2 (Chapters 3 and 5) | 30 | 12% |
| Exam 3 (Chapters 6, 7, 8, and 9) | 30 | 12% |
| Final Exam (Chapters 10, 11, 12, 13, and 14) | 30 | 12% |
| Research Proposal: Initial Draft | 20 | 8% |
| Research Proposal: Intermediate Draft | 40 | 16% |
| Research Proposal: Final Manuscript | 60 | 24% |
| TOTAL | 250 | 100% |

Final grades will be determined at the end of the semester by calculating the total points accumulated. Grading cutoff is as follows (standard rounding rules will be applied, decimal values of 0.5 or higher will be rounded up to the next whole number):

| Grade | Percentage |
|--------------|-------------------|
| A | ≥93% |
| A- | 90%-92% |
| B+ | 87%-89% |

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|-----------|---------|
| B | 83%-86% |
| B- | 80%-82% |
| C+ | 77%-79% |
| C | 73%-76% |
| C- | 70%-72% |
| D+ | 65%-69% |
| D | 60%-64% |
| F | ≤59% |

Class Policies

GVSU Email and Course Communications. Students are responsible for all communications sent via Blackboard or via their GVSU email accounts. GVSU student email can be accessed by visiting: mail.gvsu.edu and Blackboard at: mybb.gvsu.edu.

Assignments and Assessments. Each student is required to complete all learning activities by the due date deadline, as indicated in Blackboard. All assignments, graded discussions, quizzes, exams etc. are submitted electronically to Blackboard. There are several available computer labs (gvsu.edu/it/lab-hours-66.htm) available for you to complete course work.

Late/make-up policy. No late or make-up assignments or exams will be permitted. Students who do not complete requirements on schedule due to personal illness, accidents, family affliction, official university activities or religious holidays must provide documentation of the circumstances. I recognize there may be other special

circumstances and students should reach out to me as soon as possible if this is the case. Extensions or late assignments will be accepted at my discretion.

Participation. A large part of the learning in this course comes not only from reading, but also from participating in class activities. Therefore, it is to your benefit to take advantage of these learning opportunities. While I will not formally mark student attendance, it is strongly recommended that you attend all classes to succeed in this course. In class we will cover some topics that are not discussed in the textbook, and some quiz and exam questions may refer to material only covered in class. You are responsible for material, announcements, and learning activities covered in class. If you miss a lecture, I recommend you obtain notes from at least two different classmates. In case of illness and/or special circumstances, please talk to me. I want everyone to be successful in the class and will support you to help that happen, but I do expect regular attendance in class and participation with course material throughout the semester. Please come to all classes ready to engage as an active learner in class discussions and activities. Please treat everyone in the classroom with respect. Please limit electronic devices to classroom needs unless absolutely necessary. If conflicts for the class occur, please communicate with me as soon as possible. See the university's attendance policy in the online catalog for more information.

Accommodations. Students requiring accommodations should contact the instructor and accessibility services.

University Policies

Last Day to Add, Drop, Register, or Pay. The last day Last Day to Add, Register, or Pay is January 10 by 5:00 pm. Students must initiate drop through Registrar (gvsu.edu/registrar/course-withdrawals-6.htm).

Student Code of Conduct. Standards of conduct are established in order to generate an atmosphere in which the goals and objectives of the institution can flourish. Individual rights can only be ensured with acceptance of individual and group responsibilities and

respect for the rights of others. Individuals attending GVSU automatically place themselves under the applicable rules and regulations of the institution.

Academic Integrity. All course assignments, learning activities, and assessments, are to be authored and completed individually, by the student themselves. Failure to be able to correctly cite, explain and defend your submissions is an indication that it is not your work. While assisting another student in learning is part of the academic process, completing the assigned work as a team or group effort (with the exception of group projects as assigned by the instructor) is not allowed and will be considered Academic Dishonesty. No Academic Dishonesty will be tolerated, and such activity may result in failure of a specific assignment, an entire course, or, if flagrant, dismissal from Grand Valley. Compliance shall include compliance with the following specific rules:

1. No student shall knowingly, without authorization, procure, provide, or accept any materials which contain questions or answers to any examination or assignment.
2. No student shall, without authorization, complete, in part or in total, any examination or assignment for another person.
3. No student shall, without authorization, allow any examination or assignment to be completed, in part or in total, by another person.
4. No student shall knowingly plagiarize or copy the work of another person and submit it as his or her own.
5. No student shall submit work that has been previously graded or is being submitted concurrently to more than one course without authorization from the instructor(s) of the class(es) to which the student wishes to submit it.

For further information see the Student Code, and the consequences include penalties established by GVSU's Academic Integrity policy

(<https://www.gvsu.edu/conduct/academic-integrity-14.htm>).

Plagiarism. Any ideas or material taken from another source for either written or oral presentation must be fully acknowledged. Offering the work of someone else as one's own is plagiarism. The language or ideas taken from another may range from isolated formulas, sentences, or paragraphs to entire articles copied from books, periodicals, speeches, or the writing of other students. The offering of materials assembled or collected by others in the form of projects or collections without acknowledgment is also considered plagiarism. Any student who fails to give credit in written or oral work for the ideas or materials that have been taken from another is guilty of plagiarism. Such activity may result in failure of a specific assignment, an entire course, or, if flagrant, dismissal from Grand Valley. For further information see the Student Code.

AI Policy Statement. [by David A. Joyner @davidjoyner@fediscience.org] We treat AI-based assistance, such as ChatGPT and Copilot, the same way we treat collaboration with other people: you are welcome to talk about your ideas and work with other people, both inside and outside the class, as well as with AI-based assistants. However, all work you submit must be your own. You should never include in your assignment anything that was not written directly by you without proper citation (including quotation marks and in-line citation for direct quotes). Including anything you did not write in your assignment without proper citation will be treated as an academic misconduct case. If you are unsure where the line is between collaborating with AI and copying from AI, we recommend the following:

1. Never hit "Copy" within your conversation with an AI assistant. You can copy your own work into your conversation, but do not copy anything from the conversation back into your assignment. Instead, use your interaction with the AI assistant as a learning experience, then let your assignment reflect your improved understanding.
2. Do not have your assignment and the AI agent open at the same time. Similar to above, use your conversation with the AI as a learning experience, then close the interaction down, open your assignment, and let your assignment reflect your revised knowledge. This includes avoiding using AI directly integrated into your composition environment: just as you should not let a classmate write

content directly into your submission, so also avoid using tools that directly add content to your submission.

Campus Emergencies. In case of fire, immediately proceed to the nearest exit during a fire alarm. Use a staircase, not an elevator. To sign up for campus emergency alerts and to access more information, please visit the GVSU Emergency website (<https://www.gvsu.edu/emergency>).

Learning Resources. See the “Help & Support” section of Blackboard for help with using Blackboard; a link to the Blackboard Student Mobile App and Blackboard IM; GVSU computer lab hours and locations; GVSU IT Help Desk (<https://www.gvsu.edu/it/helpdesk/>); accessibility and Disability Support Resources (<https://www.gvsu.edu/dsr/>).

Writing Center. The Fred Meijer Center for Writing, with locations at the Allendale and Pew/Downtown Grand Rapids campuses, is available to assist you with writing for any of your classes. Writing consultants, who are fellow GVSU students, are trained to help you with all stages of your writing process, from brainstorming to organizing to editing your papers. Simply bring a draft of your paper, the assignment sheet, and your questions/concerns to any of the Center's locations. Also, through your Gmail account, you have access to online consultations through Google Docs. The Center's services are free, and you can drop in and work with a consultant or make an appointment, either through our website or by calling the Center (331-2922). For more information about our services and locations, please visit the Writing Center website.

Psych Friends. If you feel you could use some extra help/guidance/support in any academic domain or for your well-being, please consider scheduling an appointment with a mentor through Psych Friends. Psych Friends mentors are upper-level undergraduate peer mentors who are trained to provide support in many areas including: effective study and time management techniques, exam preparation and reflection skills, comprehension of the psychology and behavioral neuroscience major requirements, tips for engaging in the field, strategies for education continuation, methods for maintaining physical and

mental health. Schedule an appointment here: <https://www.gvsu.edu/navigate> and Questions? Email psychfriends@gvsu.edu

Disability Support Resources. If you need accommodations because of a learning, physical, or other disability, please contact your instructor and Disability Support Resources (<https://www.gvsu.edu/dsr/>). Furthermore, if you have a physical disability and think you will need assistance evacuating this classroom and/or building in an emergency situation, please make me aware so I can develop a plan to assist you. Assistive technology computers are available in many GVSU computer labs (<https://www.gvsu.edu/dsr/accessible-computer-labs-68.htm>). Also, Blackboard has a commitment to accessibility statement (blackboard.com/accessibility.aspx) providing information about accessibility in all of their products.

Mental health. Mental health concerns, including overwhelming stress, excessive worry, difficulty participating in daily activities, and changes in mood, appetite, or sleep patterns can interfere with your academic performance. College student surveys report that roughly 1 out of 3 students screen positive for a current mental health concern (Healthy Minds Study). GVSU values your health and wellness and provides services to support your mental health. If you would like mental health support or are concerned for another member of our campus community, reach out to the University Counseling Center for free resources, self-help options, and services. Also, visit Campus Recreation & Wellness for additional health and wellness programming.

Changes to the Syllabus. The instructor reserves the right to change the contents of this syllabus. Students will be given notice of relevant changes in class, through a Blackboard announcement, or through GVSU e-mail.

This course is subject to the GVSU policies listed at <http://www.gvsu.edu/coursepolicies/>.