

**Grand Valley State University**  
**Syllabus**  
**PSY 300 - SWS Research Methods, Fall, 2023**

**Instructor Information**

Name: Mario Fifić, Ph.D., Associate Professor  
Office hours: By appointment via Blackboard Collaborate Ultra, Zoom  
Email: fificm@gvsu.edu. Reaching me by email is generally much easier than reaching me by phone.  
Phone: (616) 331-5061

**Office Hours:**

M/W 1-145pm. Schedule via email. We could meet in my office, Room 2217 at the Psychology Department in Au Sable, or in a virtual office over the Zoom application. You can schedule a meeting with me by using the available scheduling options during my office hours. Alternatively, you can contact me and suggest a specific time to arrange a meeting. Please do not hesitate to contact Prof. Fific!

**Class Time and Place**

PSY 300 02 - OL - SWS Research Methods in Psych	12:00	12:50	MWF	Lake Superior Hall 226
PSY 300 04 - OL - SWS Research Methods in Psych	10:00	10:50	MWF	Lake Superior Hall 226

**Prerequisites**

PSY 101 -Introductory Psychology, and STA 215 -Introductory Applied Statistics

**Course Description (from GVSU)**

Examination of basic research methods in psychology. Emphasis on the logic of psychological research, the formulation and testing of hypotheses, research design, sampling procedures, data collection and analysis, and ethics of conducting research. This course is designated SWS. Completion of WRT 150 with a grade of C or better (not C-) is a prerequisite.

**Why Should You Take This Course?**

In both professional and consumer contexts, the ability to make valid inferences is crucial in today's society. Whether we are interested in discovering the most effective teaching methods for elementary schools, determining the optimal treatment for an illness, or identifying the best produce for our budget, almost every inference is based on evaluating evidence collected through appropriate methods. The PSY300 research methods class provides critical insights into the process of validating inferences and the essential methods and procedures involved. This class will teach you how to make stronger and more valid inferences and how to distinguish valid inferences from other sources such as media and research databases. Through this course, you will gain a comprehensive understanding of how to conduct and evaluate the process of inference validation.

**SWS Course (Supplemental Writing Skills)**

This course is designated SWS. Completion of WRT 150 with a grade of C or better (not C-) is a prerequisite. SWS credit will not be given to a student who completes this course before completing the prerequisite. SWS courses adhere to certain guidelines. Students turn in a total of at least 3000 words of writing. Part of that total may be essay exams, but a substantial amount of it is made up of essays, reports, or research papers. The instructor works with the students on revising drafts of papers, rather than simply grading the finished piece of writing. At least one third of the final grade in the course is based on the writing assignments. Students must complete the course with a grade of "C" or better in order to receive SWS credit. Students may receive SWS credit for taking the course as Credit/No Credit provided the student passes the course with a "Credit" grade.

**Writing Center and Library Knowledge Market**

The Fred Meijer Center for Writing provides writing assistance to all GVSU students, on any type of project and at any stage of the process. The Writing Center employs both undergraduate and graduate writing consultants from across majors and disciplines. Consultants are trained to help writers brainstorm, organize, or develop their ideas; and they can help writers edit their own work and document sources correctly. The Center's services are free and students can work with an idea, assignment prompt, or draft of their paper. Students can virtually drop in or schedule an appointment; both appointments and drop-ins are available during all service hours: (Mon-Thurs 9am-11pm, Friday 9am-3pm, Sunday 2pm-11pm). Due to COVID-19, all writing center services are available online. Limited in-person consulting may be available; please check the Writing Center's [website](#) for up-to-date information. All service options (drop-ins, appointments, email support) can be accessed via the Writing Center's online scheduling system - [Book It](#). We look forward to working with you!

### **Course Goals**

The aim of this course is to acquaint students with basic research methods in psychology while exploring practical, theoretical, and ethical issues regarding research design and its implementation in psychology. Upon completion of this course you should be able to

- (1) Understand and to summarize the essence of research articles.
- (2) Write clearly and cogently in a scientific way.
- (3) Understand how to design an empirical study.
- (4) Understand and identify major ethical concerns in psychological research.

I consider this course to be an opportunity to teach more than just WHAT we know about research methods. It is an opportunity to also teach HOW research methods are studied. Psychology is a science, and this course will emphasize that point. When you leave this course, you should be able to evaluate quality of scientific findings presented in a journal article and also to critically evaluate the how scientific discoveries are shared and interpreted in our social environment.

### **Required Text**

Textbook: Stangor, C. (2015, 5th ed.). Research methods for the behavioral sciences. New York: Houghton Mifflin Company. ISBN: 9781285077024. Previous editions (4th ed.) can be used for this class. The book is always available in GVSU SAVE.

### **Additional Readings**

At various times during the semester, additional readings will be assigned. These readings will be required, and will supplement the text and lecture. The instructor will announce and make the readings available on Blackboard, i.e., students will not be required to purchase them.

### **Required Equipment (owned or accessible)**

- High-speed internet access
- Computer with a sound card and speakers and operating system that meets current Blackboard browser requirements (Windows 7 or above, OS 10.10 or above)
- Microphone (built in or external)
- Computer camera (most laptops have a camera)

### **Required software (available for free):**

"Microsoft Word" (find the installation [link](#) through GVSU IT)

### **Course Webpage**

The instructor will administer all elements of the course using GVSU's Blackboard system. The webpage will contain pertinent course information, grades, lecture materials, announcements, readings, assignments, and exams. Students are responsible for all information provided via Blackboard. The full, detailed description of all assignments, exams, and due dates will be found in Blackboard.

To access Blackboard, go to <https://lms.gvsu.edu/ultra/institution-page> and enter your log in and password.

Take a look at the GVSU Online Learning pages to find numerous materials about using Blackboard and online learning <http://www.gvsu.edu/online/>.

Use of Blackboard is integral to this course and students must log on a few times each week in order to complete course requirements, receive important announcements and updates, and communicate with instructors and other students about course content.

Check the current [technical requirements](#) to use Blackboard and [preferred browser information](#).

#### Technical difficulties with Blackboard

If you experience technical problems with Blackboard, contact the help desk by email or phone - [helpdesk@gvsu.edu](mailto:helpdesk@gvsu.edu) or 616-331-3513. The help website is <http://www.gvsu.edu/it/learn/>

### **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, periodical, speeches, or the writing of other students. The offering of materials assembled or collected by others in form of projects or collections without acknowledgement also is 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.” (GVSU, Undergraduate & Graduate Catalog 2004-2005, p. 91). Plagiarism or cheating will result in an F for the course.

### **Course Requirements**

Your class grade will be determined based on your achievement on (1) Assignments, (2) Essays, and (4) discussion forum participation.

#### **(1) Essays [around 30% of grade points]**

As part of this course, you will be asked to choose a concept covered in class and review several research articles published in peer-reviewed journals related to that concept. You will then be expected to write three essay papers, each of 7-9 pages in length. In these essays, you will describe the empirical findings reported in the articles and critically evaluate how well these studies have addressed the research question, applying the knowledge and skills you have gained in class. Through this process, you will deepen your understanding of the research methods and concepts covered in the course and gain valuable experience in evaluating scientific literature.

#### **(2) In-Class and Discussion participation [around 35% of grade points]**

As part of this course, you will engage in several discussion topics through the blackboard discussion forum. Your participation in these discussions will be graded, but more importantly, it will allow you to interact with the lecturer and other students. Details about the expected discussion role will be provided within each module, and you will have the opportunity to share your thoughts, engage in debates, and deepen your understanding of the course material through these discussions. So be sure to participate actively and make the most of this opportunity to collaborate and learn from your peers.

#### **(3) Reflections [around 25% of grade points]**

As part of this course, you will have the opportunity to engage in reflective thinking by reflecting on the class material. You will be asked to write a short paragraph or two on a specific part of the learning module. Through these reflection exercises, you will be able to process and consolidate your understanding of the course material. Reflection is a critical component of the learning process, as it allows you to connect new information to prior knowledge and experiences, identify areas for further exploration, and develop a deeper understanding of the material. Additionally, reflective thinking can enhance your critical thinking skills and enable you to apply your knowledge in real-world situations. These reflection exercises will enable you to develop a reflective practice that you can use throughout your academic and professional career.

#### (4) Quizzes [around 10% of grade points]

As part of this course, you will be required to take several quizzes throughout the semester. These quizzes will cover the material learned in class and consist of multiple-choice questions. You will access the quizzes through BB, and they are designed to serve as practice and learning opportunities. You can retake each quiz an infinite number of times before the final exam, allowing you to review and improve your understanding of the course material. These quizzes will help you assess your progress and identify areas for improvement.

### Being exam excused or making late assignment submission

Late submissions of any work will result in a 10% reduction of points per day. Please note that being late means submitting work one second or longer after the deadline.

You have the option to miss one in-class activity per week without providing an excuse. If you choose to do so, you'll be offered an alternative assignment to write a chapter summary of no less than 1200 words.

If you plan to miss class activities for the second time, or you have an important issue that prevents you from attending, you'll need to provide a written excuse. This can be in the form of a confirmation letter from the head of the department or a physician. Only after providing an excuse, you will be offered an alternative assignment.

### Weekly deadlines

There will be only one important deadline within a week. The "hard deadline" is on Friday 11:59pm and it concerns to all submissions, that are graded.

DAYS OF THE WEEK		
7 days		
WEEKDAYS 5 days	<b>Monday</b>	<b>Mon.</b>
	<b>Tuesday</b>	<b>Tue.</b>
	<b>Wednesday</b>	<b>Wed.</b>
	<b>Thursday</b>	<b>Thu.</b>
	<b>Friday</b>	<b>Fri.</b>
WEEKEND 2 days	<b>Saturday</b>	<b>Sat.</b>
	<b>Sunday</b>	<b>Sun.</b>

Finish all other to-be-graded tasks for the week by this time!

### Grading

The Quizzes, Midterm Exams, and Final Exam will collectively be worth approximately 450 points. Based on your cumulative point score the following grades will be assigned:

#### Grade Distribution

A	94 - 100%
A-	90 - 93%
B+	88 - 89%
B	84 - 87%
B-	80 - 83%

C+	78 - 79%
C	74 - 77%
C-	70 - 73%
D+	67 - 69%
D	60 - 66%
F	59% and lower

THE GRADING SCALE AS PRINTED ABOVE IS FINAL! Any changes in grading policy will be announced on the course website.

**Netiquette**

This course will involve frequent opportunities to interact with your peers via the Blackboard Discussion Board. Although many of us have experience with e-mail, online discussion is different because we’re communicating “one to many” rather than “one to one.” Therefore, it’s important that we maintain a sense of freedom to express our thoughts while at the same time providing a safe atmosphere for that expression. Please keep this mind as you are communicating with others.

All participants should maintain a professional attitude and manner of discussion. While spirited debate is encouraged, unprofessional behavior is not tolerated. Words often come across “more directly and harshly” in this written form of communication, since there are no facial gestures, expression or tone of voice to help convey your message fully. Your contributions should not be overly negative or personal in nature.

**Emergencies and Schedule Conflicts**

Exams will be administered online during limited time windows on specific days throughout the semester (see tentative schedule below). Absences from these exams related to participation in a university-sanctioned event, a personal illness, a family emergency, or a major religious holiday will be excused provided that you a) give the instructor at least one week advance notice (when the conflict is foreseeable) or a timely explanation upon your return (when the conflict is unforeseeable) and b) give the instructor written documentation from an appropriate faculty member, university administrator, physician, or clergy member. Make-up exams will be administered only if an absence from the exam is excused for one of the above reasons. Note that vacation is not considered a valid excuse. You may take a make-up exam either at another time on the normal exam day, or on the soonest possible date thereafter. An unexcused absence from an exam will constitute a score of 0.

**Accommodations for Students with Disabilities**

If there is any student in this class who has special needs because of learning, physical or other disability, please contact Disability Support Resources (DSR) at (616) 331-2490 to develop a plan of assistance that you can provide to me.

**Tentative Course Schedule**

**Learning Modules** (one chapter modules): The learning modules in Blackboard will be a foundational part of the course. Modules are where you will find instructions for each one-week segment of the course including reading assignments, video lectures, practice activities, and assignments. Modules will open up one week at a time and various assignments will be due during those windows. All previous modules will be open throughout the course.

<b>MODULE</b>	<b>DATE</b>	<b>TOPIC(S)</b>	<b>READING</b>
1&2	Aug 28-Sep 1	Introduction to Research/	Ch. 1
	Sep 4-8	Sep 4:Labor Day recess Developing Research Hypotheses/PsychInfo search	Ch. 2
3&4	Sep 11-15	Ethics in Research/APA	Ch. 3
	Sep 18-22	Measures – Operational definition	Ch. 4
	TBD	<b>Essay 1: Modules 1 to 4</b>	
5&6	Sep 25-22	Survey construction - Reliability and Validity	Ch. 5
	Oct 2-6	Surveys and Sampling	Ch. 6
7&8	Oct 9-13	Naturalistic Methods	Ch. 7

	Oct 16-20	Hypothesis testing and inferential Statistics	Ch. 8
	TBD	<b>Essay 2: Modules 5 to 8</b>	
9&10	Oct 23-27	Oct 22-24: Fall break	
		Hypothesis testing and inferential Statistics	Ch. 8
	Oct 30-Nov 3	Correlational Research Designs	Ch. 9
11&12	Nov 6- 10	Experimental Research Design -One Way	Ch. 10
	Nov 13-17	Factorial Research Designs	Ch. 11
13	Nov 20 -24	Nov 22- 26: Thanksgiving Day recess	Ch. 11
	TBD	<b>Essay 3: Modules 9-13</b>	
	Nov 27-Dec 1	Factorial Research Designs	Ch. 11

The above schedule is tentative. Any changes in the schedule will be announced in class and posted on Blackboard.

**Disclaimer:**

All of the information included in this syllabus, including the course schedule, assignments, and grading procedure, is subject to change. Any consequential changes to this syllabus will be announced on Blackboard.

**HOW MUCH TIME DO I NEED TO SPEND ON THIS COURSE?**

Because PSY300 is a 3-credit course, you’re expected to spend a total of 108 hours on the course (3 course credits x 36 work hours per credit = 108 total work hours for the entire course).

If you are taking this course during the **SPRING** term: You are expected to work on this course 3 HOURS per DAY, six days a week. You should NOT register for this course if you will not be able to spend 3 hours a day, six days a week working on this course, during the course’s 12 Modules.

**Tips for a Successful Learning Experience**

*\*Although these might seem obvious and simple, they will make a difference*

- Read the syllabus and view all preparatory information on Blackboard
- Stay organized and track due dates
- Plan weekly study times
- KEEP UP ON THE READING AND LECTURES
- Take your own notes on each lecture video, or write your own notes into the provided slides

- Log onto Blackboard at least 3 times per week to check announcements, discussion board, and interact with course material. Online courses require perseverance, self-discipline, self-motivation, and the ability to work independently – more so than face-to-face on-campus classes.
- Post questions, comments, and ideas on discussion board
- Ask questions of the instructor. Not just clarification questions about logistics, but content questions.

### **Academic Integrity**

This course is subject to GVSU's general requirements for courses. A full list with pointers to resources may be found at [www.gvsu.edu/coursepolicies](http://www.gvsu.edu/coursepolicies).

**Section STU 4.0 of GVSU's Student Code contains very specific information about maintaining academic integrity. It states:** "The principles of academic honesty and integrity are fundamental to a community of scholars. The University expects that students will not engage in acts of academic dishonesty in curricular and non-curricular academic activities. Engaging in academic dishonesty compromises the integrity of university grades, and scholarship and research.

Academic dishonesty is defined as actions or behaviors that misrepresent one's contributions to or the results of any scholarly product submitted for credit, evaluation, or dissemination. This definition includes, but is not limited to, fabrication, falsification, cheating, and plagiarism. Terms are defined as the following:

- Cheating is defined as attempting to use materials, information, or study aids in any academic exercise that have not been allowed by the instructor.
- Plagiarism is defined as offering the work of someone else as one's own. 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 writings of other students. Academic dishonesty compromises the integrity of grades, meaning that all academic work should be done by the student to whom it is assigned without unauthorized aid.

### **PROCEDURES**

When the instructor feels that action beyond a failing course grade is warranted, the instructor will report the incident at [www.gvsu.edu/conduct](http://www.gvsu.edu/conduct) and request additional action via the University Conduct Process. When the alleged violation is related to the Academic Honesty - Integrity of Scholarships and Grades, the Hearing Body shall be composed of faculty members.

It is the instructor's responsibility to establish a classroom atmosphere that fosters academic honesty on the part of the students. If any instance of academic dishonesty is discovered by an instructor, they will notify the student and discuss the incident. After discussing the instance with the student, the instructor will make a decision. Depending on the instructor's judgment of the particular case, they may do nothing, impose additional course requirements, ask the student to repeat the work in question, or give a failing grade for the assignment, examination or the entire course. Any time an instructor addresses a violation of Academic Honesty with a failing grade on an assignment or in a course, they must report the incident at [www.gvsu.edu/conduct](http://www.gvsu.edu/conduct). Other incidents may be reported for tracking purposes. Reporting the incident will notify the Department Chair, the Dean of Students, and the Dean(s) of the Instructional Colleges. Reporting the incident does not automatically initiate additional action, but keeps record of the incident. Students may utilize the Academic Grievance Process to appeal a faculty initiated decision."

### **Students will comply with the following rules, when engaging in coursework:**

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/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.
6. The course materials are intended for curriculum and course-related purposes and are copyrighted by the University. Appropriate access to this content is given for personal academic study and review purposes only. Unless otherwise stated in writing, this content may not be shared, distributed, modified, transmitted,

reused, sold, or otherwise disseminated. These materials may also be protected by additional copyright; any further use of this material may be in violation of federal copyright law. Violators of this policy will be referred to the Committee on Professionalism, Performance, and Promotion for disciplinary purposes.

7. The student signed below understands and accepts all the terms of the above syllabus.

**If you agree with 1-7 please post the signed document on BB**

Student's full name printed and signed \_\_\_\_\_

G# \_\_\_\_\_