

## PSYC 118 (Advanced Research Methods) Spring 2025 Course Schedule

*The CANVAS schedule will trump the .pdf schedule. It is subject to change with fair notice (via CANVAS, class discussion, and/or email).*

### Course Schedule

	Meeting Type	Topics, Readings	Assignment
Week 1 6.02 – 6.06	Lecture	<ul style="list-style-type: none"> <li>● Introduction: Syllabus &amp; Calendar</li> <li>● Introduction to Behavioral Research</li> <li>● Research Questions, Hypothesis</li> </ul>	
	Lab	<ul style="list-style-type: none"> <li>● Introduction to Lab session</li> <li>● Individual Activity 1: RQ brainstorming, and literature</li> </ul>	
Week 2 6.09 – 6.13	Lecture	<ul style="list-style-type: none"> <li>● Research Fundamental</li> <li>● Ethics in Behavioral Research</li> </ul>	Quiz #1
	Lab	<ul style="list-style-type: none"> <li>● Library Reference</li> <li>● Individual Activity 2: Ethical consideration</li> </ul>	
Week 3 6.16 – 6.20	Lecture	<ul style="list-style-type: none"> <li>● Measurement and Sampling I</li> <li>● Measurement and Sampling II</li> </ul>	Quiz #2 GA1 submission
	Lab	<ul style="list-style-type: none"> <li>● Individual Activity 3: Possible Measure for your RQ</li> </ul>	
Week 4 6.23 – 6.27	Lecture	<ul style="list-style-type: none"> <li>● Qualitative Research</li> <li>● Observational Studies</li> </ul>	Quiz #3
	Lab	<ul style="list-style-type: none"> <li>● Individual Activity 4: Coding qualitative data activities</li> <li>● Group Activity 1: Survey Activity</li> </ul>	
Week 5 6.30 – 7.03	Lecture	<ul style="list-style-type: none"> <li>● Survey</li> <li>● Experimental Design</li> </ul>	Assignment 1: Draft LR and Method GA2 submission
	Lab	<ul style="list-style-type: none"> <li>● Group Activity 2: Research Question and Design matching activity.</li> </ul>	
Week 6 7.07 – 7.11	Lecture	<ul style="list-style-type: none"> <li>● Conducting Experiments</li> <li>● Complex Experimental Design</li> </ul>	Quiz #4
	Lab	<ul style="list-style-type: none"> <li>● Individual Activity 5: what is your project design?</li> <li>● Assignment1 Individual Feedback</li> </ul>	
Week 7 7.14 – 7.18	Lecture	<ul style="list-style-type: none"> <li>● Single-Case, Quasi-Experimental, and Developmental Research</li> <li>● Reliability and Validity</li> </ul>	GA3 submission
	Lab	<ul style="list-style-type: none"> <li>● Group Activity 3: Article validity critique</li> <li>● Assignment1 Individual Feedback</li> </ul>	

Week 8 7.21 – 7.25	Lecture	<ul style="list-style-type: none"> <li>Understanding Results: Description and Correlation</li> </ul>	
	Lab	<ul style="list-style-type: none"> <li>SPSS: descriptive and correlation</li> </ul>	
Week 9 7.28 – 8.01	Lecture	<ul style="list-style-type: none"> <li>Understanding Results: Inferential</li> <li>Understanding Results: more</li> </ul>	Quiz #5
	Lab	<ul style="list-style-type: none"> <li>SPSS: T test, ANOVA</li> <li>SPSS: Linear Regression</li> </ul>	
Week 10 8.04 – 8.08	Lecture	<ul style="list-style-type: none"> <li>Presentation</li> <li>Final Exam</li> </ul>	Final Exam Final Paper Due
	Lab	<ul style="list-style-type: none"> <li>Presentation/Open lab Q&amp;A</li> </ul>	