

Psyc 400.05	Applied Methods in Developmental Psychology	Winter 2021	
Instructor:	Kathleen Hughes	Lecture Location:	Zoom & D2L
Phone:	N/A	Lecture Days/Time:	T/TH 9:30-10:45am
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Office:	N/A		
Office Hours:	TBA via Zoom		

Course Description

This course will focus on applying concepts in developmental psychology research, such as measurement design, data collection techniques, ethical considerations, statistical approaches, and reports and presentations. **This course will include synchronous Zoom sessions twice a week. All Zoom sessions will be recorded and posted on D2L.**

Course Learning Outcomes

The Department of Psychology is committed to student knowledge and skill development. The table below lists the key learning outcomes for this course, the program-learning outcomes they facilitate (see <https://live-arts.ucalgary.ca/psychology/about#program-learning-outcomes>), and the expected level of achievement.

Course Learning Outcomes	Assessment Methods	PLO(s)	Level(s)
Identify the advantages and limitations of different research methods	Assignments, Research project, Peer Feedback	2, 3	C
Apply concepts and methods of psychology to real world phenomena	Assignments, Research Project,	1, 5,	C
Assess and critically evaluate information, ideas, and assumptions from a variety of perspectives	Assignments, Presentations, Peer Review, Research Project	2, 3, 4, 5, 6, 7	C
Identify ethical issues in research	Assignments, Research Project	2, 6	C
Generate research questions and implement appropriate research methods to answer them	Research Project	2, 7	C
Effectively communicate research findings	Research Project, Presentation	3, 4, 5, 7	A
Use online library resources to locate primary research relevant to a specific topic	Research Project, Presentation	5	A

Notes. PLOs = Program-Learning Outcomes: 1 = demonstrate knowledge of psychological sciences, 2 = think critically and solve problems, 3 = conduct research and analyze data, 4 = communicate effectively, 5 = demonstrate information literacy, 6 = understand and implement ethical principles in a diverse world, 7 = apply psychological knowledge and skills, 8 = Demonstrate multicultural competence and awareness of issues related to equity,

diversity,* and inclusion. Level of PLO achievement facilitated by this course: I = introductory, C = competency, A = advanced.

Acknowledgments and Respect for Diversity

Our classrooms view diversity of identity as a strength and resource. Your experiences and different perspectives are encouraged and add to a rich learning environment that fosters critical thought through respectful discussion and inclusion. The Department of Psychology would also like to acknowledge the traditional territories of the people of the Treaty 7 region in southern Alberta. The City of Calgary is also home to Métis Nation of Alberta, Region III.

Course Format

Lectures will be taught live via Zoom during each scheduled class as per the course schedule below and will be recorded and posted to D2L after class.

Prerequisites

PSYC 300 and PSYC 301 or PSYC 312

PSYC 351

Admission to the psychology major or honours program

Required Text

Relevant readings will be posted on D2L.

Assessment Methods

Assessment Methods	% of Final Grade	Due Date
Lab Assignments (4% each)	40%	Tuesdays after Lab
Oral Presentation 1	10%	March 9th
Research Proposal	15%	March 11th
Peer Review	5%	April 1st
Oral Presentation 2	10%	April 13th
Research Report	20%	April 15th

Research Project

There is no written test or exam for this course. The main source of evaluation will be the research project. You will be graded on this project in four instances: the research proposal, the first oral presentation, the second oral presentation, and the final paper. These three tasks will contribute towards **55%** of your final grade for this semester.

These research projects will be designed in small groups (3-5), presented as a group via video recording, but written individually. In the first few weeks, you will work in groups to design a research question, a hypothesis, and a basic methodology. You will present your hypotheses and research questions on **March 9th via Zoom as a group**. This will be a 5-7 minute presentation. More information on the presentations will be posted to D2L. you will work on your own to write the research proposal which is

due **March 11th via D2L**. This research proposal should be 5 pages in length (excluding title page, references, and any appendices), double spaced with size 12 font and 1 inch margins.

Starting on **April 13th via Zoom**, you will present your research findings as a group. This will be a 5-7 minute presentation. More information on the presentations will be posted to D2L. Then you will write a final research report due **April 15th via D2L**. The final report will be 8-10 page final research report (excluding title page, references, and any appendices). The report should be double spaced with size 12 font and 1 inch margins. This report will contain all the elements of a research article.

Peer Review

When you submit your Research Proposal via D2L, you will also receive two research proposals written by your peers. You will be responsible for providing qualitative feedback on the written work of two of your peers. You will not be assigning them grades, only feedback. Your written feedback to your peers is due on **April 1st via email**. You will be evaluated based on the quality of feedback that you provide.

Assignments

There will be 10 small lab assignments which are each worth **4%** of your final grade. Each of these assignments will be associated with an in-class (synchronous activity) that you will complete via Zoom on Thursdays and will be submitted via D2L on the following Tuesday. Each assignment will include working in pairs with one other student (via breakout rooms on Zoom) and completing a 1-page lab report. The assignments will include:

Topic	Due
Rapport Building Skills	January 19 th *
Ethics & Confidentiality	January 26 th *
Hypothesis Testing	February 2 nd
Child Interview Skills	February 9 th
Naturalistic Observations	February 23 rd
Parental & Teacher Biases	March 2 nd
Peer Evaluations	March 9 th
Standardized & Raw Scores	March 23 rd
Data Coding	March 30 th
Data Analysis	April 6 th

*Students who enrolled late into the course will have the opportunity to complete Lab Assignments 1 & 2 on a accommodated schedule.

Students who are unable to attend synchronous sessions will have the opportunity to complete lab assignments between Thursday-Tuesday on their own schedule.

Late assignments will not be accepted without instructor approval.

University of Calgary Academic Integrity Policy

Academic integrity is the foundation of the development and acquisition of knowledge and is based on values of honesty, trust, responsibility, and respect. We expect members of our community to act with integrity.

Research integrity, ethics, and principles of conduct are key to academic integrity. Members of our campus community are required to abide by our institutional code of conduct and promote academic integrity in upholding the University of Calgary's reputation of excellence. It is your responsibility to ensure that you have read and are familiar with the student academic misconduct policy: <https://www.ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf>.

Department of Psychology Criteria for Letter Grades

Psychology course instructors use the following criteria when assigning letter grades:

A+ grade: *Exceptional Performance.* An A+ grade indicates near perfect performance on multiple choice and short answer exams. For research papers/essays/course projects/presentations, an A+ grade is awarded for exceptional work deserving of special recognition and is therefore not a common grade.

A, A- Range: *Excellent Performance.* Superior understanding of course material. Written work is very strong in terms of critical and original thinking, content, organization, and the expression of ideas, and demonstrates student's thorough knowledge of subject matter.

B Range: *Good Performance.* Above average understanding of course material. Written work shows evidence of critical thinking and attention to organization and editing but could be improved in form and/or content.

C Range: *Satisfactory Performance.* Adequate understanding of course material. Knowledge of basic concepts and terminology is demonstrated. Written work is satisfactory and meets essential requirements but could be improved significantly in form and content. Note: All prerequisites for courses offered by the Faculty of Arts must be met with a minimum grade of C-.

D range: *Marginally meets standards.* Minimal understanding of subject matter. Written work is marginally acceptable and meets basic requirements but requires substantial improvements in form and content. Student has not mastered course material at a level sufficient for advancement into more senior courses in the same or related subjects.

F grade: *Course standards not met.* Inadequate understanding of subject matter. Written work does not meet basic requirements. Student has not demonstrated knowledge of course material at a level sufficient for course credit.

Grading Scale

A+	96-100%	B+	80-84%	C+	67-71%	D+	54-58%
A	90-95%	B	76-79%	C	63-66%	D	50-53%
A-	85-89%	B-	72-75%	C-	59-62%	F	0-49%

As stated in the University Calendar, it is at the instructor's discretion to round off either upward or downward to determine a final grade when the average of term work and final examinations is between two letter grades.

To determine final letter grades, final percentage grades will be rounded up or down to the nearest whole percentage (e.g., 89.5% will be rounded up to 90% = A but 89.4% will be rounded down to 89% = A-).

Tentative Lecture Schedule

Date	Methods Topic	Notes
M Jan 4-8		Winter term begin, Block Week Courses
T Jan 12	Introduction	Winter Lectures Begin
R Jan 14	Rapport Building	
T Jan 19	Ethics	Lab Assignment 1 Due (worth 4%)
R Jan 21	Ethics	Last day to drop a class without financial penalty
F Jan 22		Last day to add or swap a course
T Jan 26	Hypothesis & Theory	Lab Assignment 2 Due (worth 4%)
R Jan 28	Hypothesis & Theory	
F Jan 29		Tuition Fee Deadline
T Feb 2	Child Interviews	Lab Assignment 3 Due (worth 4%)
R Feb 4	Child Interviews	
T Feb 9	Child Observations	Lab Assignment 4 Due (worth 4%)
R Feb 11	Child Observations	
Feb 14-20		Reading Week. No lectures. University open (except Family Day). Alberta Family Day, University closed (except Taylor Family Digital Library, Law, Medical, Gallagher and Business Libraries). No lectures.
M Feb 15		Alberta Family Day, University closed (except Taylor Family Digital Library, Law, Medical, Gallagher and Business Libraries). No lectures.
T Feb 23	Parent & Teacher Surveys	Lab Assignment 5 Due (worth 4%)
R Feb 25	Parent & Teacher Surveys	
T Mar 2	Peer Reports	Lab Assignment 6 Due (worth 4%)
R Mar 4	Peer Reports	
T Mar 9	Student Presentations (worth 10%)	Lab Assignment 7 Due (worth 4%)
R Mar 11	Student Presentations (worth 10%)	Research Proposal Due (worth 15%)
T Mar 16	Standardized Testing	
R Mar 18	Standardized Testing	
T Mar 23	Data Coding	Lab Assignment 8 Due (worth 4%)
R Mar 25	Data Coding	

T Mar 30	Data Analysis	Lab Assignment 9 Due (worth 4%)
R Apr 1	Data Analysis	Peer Review Due (worth 5%)
F Apr 2		Good Friday
M Apr 5		Non-Instructional Day, University Open
T Apr 6	Writing Results	Lab Assignment 10 Due (worth 4%)
R Apr 8	Writing Discussions	
T Apr 13	Student Presentations (worth 10%)	
R Apr 15	Student Presentations (worth 10%)	Research Report Due (worth 20%) Last day of classes, last day to withdraw from winter semester
Apr 19-29		Final Exam Period
Apr 30		End of Term

Extra Research Participation Course Credit is Not Offered for this Course.

Reappraisal of Graded Term Work <http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

Reappraisal of Final Grade <http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

Academic Accommodations

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>.

Academic Misconduct

For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <http://www.ucalgary.ca/pubs/calendar/current/k.html>

Instructor Intellectual Property

Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Copyright Legislation

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Freedom OF Information and Protection of Privacy

Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary

Student Support and Resources

<https://www.ucalgary.ca/registrar/registration/course-outlines>

Important Dates

The last day to drop this course with no "W" notation and **still receive a tuition fee refund is Thursday, January 21, 2021**. Last day add/swap a course is **Friday, January 22, 2021**. The last day to withdraw from this course is **Thursday, April 15, 2021** <https://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>