



Psyc 400.05	Applied Methods in Developmental Psychology	Winter 2020
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Instructor:	Dr. Kathleen Hughes	Lecture Location:	SA 129
Phone:	403-210-7954	Lecture Days/Time:	T/TH 11:00-12:15
Email:	Kathleen.hughes@ucalgary.ca	TA	TBA
Office:	Administration 262	TA Email	TBA
Office Hours:	TBA		

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.

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 psyc.ucalgary.ca/undergraduate/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 on Presentations,	2, 3	C
Apply concepts and methods of psychology to real world phenomena	Assignments, Research Project, Digital Poster, Discussion Questions	1, 5,	C
Assess and critically evaluate information, ideas, and assumptions from a variety of perspectives	Assignments, Presentations, Peer Feedback on Presentations, Research Project	2, 3, 4, 5, 6, 7	C
Identify ethical issues in research	Peer Feedback on Presentations, Ethics Project, Reflections/Discussion Questions	2, 6	C
Design research using appropriate methodology to test a research question	Assignments, Research project	1,2, 3,4,5, 6,7	C
Generate research questions and implement appropriate research methods to answer them	Assignments, Research Project	2, 7	C
Effectively communicate research findings	Assignments, Digital Poster	3, 4, 5, 7	A

Use online library resources to locate primary research relevant to a specific topic	Assignments, Research Presentation, Project, and Digital Poster	5	A
Identify the advantages and limitations of different research methods	Assignments, Research project, Peer Feedback on Presentations,	2, 3	C

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, 7 = apply psychological knowledge and skills. Level of PLO achievement facilitated by this course: I = introductory, C = competency, A = advanced.

Prerequisites

PSYC 300 and PSYC 301 or PSYC 312

PSYC 351

Admission to the psychology major or honours program

Optional Textbook

Relevant readings will be posted on D2L.

Assessment Methods	% of Final Grade	Due Date
Assignment 1: Teachers and Classrooms	10%	February 11th
Assignment 2: Parents and Literacy	10%	March 5th
Assignment 3: Educators and Policy	10%	April 7th
Peer Review	10%	
Oral Presentation 1	5%	January 28th
Oral Presentation 2	10%	March 24th & 26th
Research Proposal	20%	February 25th
Final Paper	25%	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 three instances: the research proposal, the oral presentation, and the final paper. These three tasks will contribute towards **60%** of your final grade for this semester.

These research projects will be designed in groups, collected as a class, presented as a group in class, 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 **in class as a group on January 28th**. Then you will work on your own to write the research proposal which is due **Monday, February 13th in class**. This research proposal should be 6-8 pages in length (excluding title page, references, and any appendices), double spaced with size 12 font and 1 inch margins.

Starting on **Thursday, March 29th**, you will present your research findings as a group in class. After receiving feedback from your presentation, you will write an 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 and will be submitted on **Thursday, April 5th**. Your group members will provide feedback on your performance in the group, and you will have the opportunity to provide feedback on their performance.

Without approved documentation, late assignments will be penalized **10% per day** including weekends and holidays).

Assignments

There will be three small written assignments which are each worth **10%** of your final grade. Each of these assignments will be submitted in class on the day they are due. Detailed instructions for each assignment will be given out in class at least one week before the assignment is due. Each written assignment should be **2** pages in length double spaced. Each assignment will focus on a type of writing style other than academic writing. These assignments will be based on the readings and class discussions; you will not need to do extra research for these assignments.

For Assignment #1, you will be required to write a teacher's guide to creating an inclusive classroom environment. For Assignment #2, you will be required to write a parent-directed news article about early literacy skills and how to help foster early literacy skills in young children. For Assignment #3, you will write a school-board directed letter concerning the role of public school in teaching health and nutrition.

Without approved documentation, late Written Assignments will be penalized **10% per day** including weekends and holidays).

Department of Psychology Criteria for Letter Grades

Psychology professors 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

Ideally in table format with date of class, topics to be covered, and chapters/readings to be read. Due dates for tests/exams and assignments should be included in this schedule as well.

Date	Methods Topic	Notes
M Jan 6		Winter term begin, Block Week Courses (Jan 6-10)
T Jan 14	Introduction	Winter Lectures Begin
R Jan 16	Hypothesis & Theories	Last day to drop Winter Term half-courses.
T Jan 21	Observation & Self-Reports	
R Jan 23	Observation & Self-Reports	Last day to drop a class without financial penalty
F Jan 24		Last day to add or swap a course
T Jan 28	Parent & Teacher Surveys	Oral Presentation 1 (Worth 5%)
R Jan 30	Parent & Teacher Surveys	
F Jan 31		Tuition Fee Deadline
T Feb 4	Peer Nominations	
R Feb 6	Peer Nominations	
T Feb 11	Data Collection & Policy	Assignment 1 Due (Worth 10%)
R Feb 13	Data Collection & Policy	

Feb 16-22		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 17		Alberta Family Day, University closed (except Taylor Family Digital Library, Law, Medical, Gallagher and Business Libraries). No lectures.
T Feb 25	Consent & Ethics	Research Proposal Due (Worth 20%)
R Feb 27	Consent & Ethics	
T Mar 3	Standardized Tests	
R Mar 5	Standardized Tests	Assignment 2 Due (Worth 10%)
T Mar 10	Data Coding	
R Mar 12	Data Coding	
T Mar 17	Data Analysis	
R Mar 19	Data Analysis	
T Mar 24	Research Presentations	Oral Presentation 2 (Worth 10%)
R Mar 26	Research Presentations	Oral Presentation 2 (Worth 10%)
T Mar 31	Writing Results	
R Apr 2	Writing Results	
T Apr 7	Writing Discussions	Assignment 3 Due (Worth 10%)
R Apr 9	Writing Discussions	
F Apr 10		Good Friday
M Apr 13		Non-Instructional Day, University Open
T Apr 14	Developmental Societies	Final Research Paper Due Worth 25%
W Apr 15		Last day of classes, last day to withdraw from winter semester.
Apr 18-29		Final Exam Period
Apr 30		End of Term

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

Seating During Exams

Instructors and exam invigilators are free to ask students to move seats before an exam begins or even during an exam. Students must comply with this request and refusal to do so may warrant a charge of academic misconduct.

Absence From A Test/Exam

Makeup tests/exams are **NOT** an option without the approval of the instructor. A student may be asked to provide supporting documentation for an exemption/special request for a make-up exam

<https://www.ucalgary.ca/pubs/calendar/current/n-1.html>. . Students who miss a test/exam have up to

48 hours to contact the instructor to ask for a makeup test/exam. It's the instructor's discretion if they will allow a make-up exam. Students who do not schedule a makeup test/exam with the instructor within this 48-hour period forfeit the right to a makeup test/exam. At the instructor's discretion, a makeup test/exam may differ significantly (in form and/or content) from a regularly scheduled test/exam. **Once approved by the instructor a makeup test/exam must be written within 2 weeks of the missed test/exam during exam make-up hours provided by the department** <http://psychology.ucalgary.ca/undergraduate/exam-and-course-information#mues>. **If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam** <https://www.ucalgary.ca/registrar/exams/deferred-exams>.

Travel During Exams

Consistent with University regulations, students are expected to be available to write scheduled exams at any time during the official December and April examination periods. Requests to write a make-up exam because of conflicting travel plans (e.g., flight bookings) will NOT be considered by the department. Students are advised to wait until the final examination schedule is posted before making any travel arrangements. **If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam** <https://www.ucalgary.ca/registrar/exams/deferred-exams>. **Students with an exceptional extenuating circumstance (e.g., a family emergency) should contact the Department of Psychology** (psyugrd@ucalgary.ca).

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>

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.

Student Organizations

Psychology students may wish to join the Psychology Undergraduate Students' Association (PSYCHS). They are located in Administration 130 and may be contacted at 403-220-5567.

Student Union VP Academic: Phone: 403-220-3911 suvpaca@ucalgary.ca

Student Union Faculty Rep.: arts1@su.ucalgary.ca

Important Dates

The last day to drop this course with no "W" notation and **still receive a tuition fee refund** is **January 23, 2020**. Last day for registration/change of registration is **January 24, 2020**. The last day to withdraw from this course is **April 15, 2020**.