
Psyc 400.05	Applied Methods in Developmental Psychology	Winter 2022
--------------------	--	--------------------

Instructor:	Dr. Kathleen Hughes	Lecture Location:	TI Studio A (Temporarily online until January 28, 2022)
Phone:	Will be posted on D2L	Lecture Days/Time:	T/Th 2pm-3:15pm
Email:	Kathleen.hughes@ucalgary.ca	TA:	Diandra Leslie
Office:	Admin 262		
Office Hours:	By Appointment		

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 <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 & limitations of different research methods	Assignments, Research Projects	2, 3,	C
Apply Concepts and methods of psychology to real life	Assignments, Research Project	1, 5	C
Assess & critically evaluate information, ideas, and assumptions from a variety of perspectives	Assignments, Research Project	2, 3, 4, 5, 6, 7	C
Identify ethical issues in research	Assignments, Research Project	2, 6, 8	C
Generate research questions & implement appropriate methods	Research Project	2, 7	C

Effectively communicate research findings	Research Project	3, 4, 5, 7	A
Use online library resources to locate primary research	Research Project	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

This is an in-person class held on campus. Class times will be used to work in groups to accomplish lab assignments and the larger research project. **Students are expected to attend class.**

Prerequisites

Psyc 300 & 301 or Psyc 312

Psyc 351 or 353

Admission to the psychology major or honours program

Required Text

Relevant Readings will be posted to D2L

Assessment Methods

Assessment	% of Final Grade	Due Date
Lab Assignments (4% each)	40%	During Class Time via D2L
Oral Presentation 1	10%	February 1 st in class
Research Proposal	15%	March 1 st on D2L by 11:59pm
Oral Presentation 2	10%	April 7 th in class
Research Report	25%	April 12 th on D2L by 11:59pm

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 four tasks will contribute towards **60%** of your final grade for this semester.

These research projects will be designed in small groups (3-5), presented as a group, 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 **on February 1st & 3rd as a group**. This will be a 5 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 1st 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.

On **April 7th and April 12th**, you will present your research findings as a group. This will be a 5 minute presentation. More information on the presentations will be posted to D2L. You will write a final research report due **April 12th 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.

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 activity that you will complete during class.

The assignments will include:

Topic	Due
Rapport Building Skills	January 13 th
Ethics & Confidentiality	January 20 th
Hypothesis Testing	January 27 th
Child Interview Skills	February 10 th
Child Observations	February 17 th
Parent & Teacher Surveys	March 3 rd
Peer Evaluations	March 10 th
Standardized & Raw Scores	March 17 th
Data Coding	March 24 th
Data Analysis	March 31 st

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%

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
T Jan 11	Introduction & Rapport Building	First day of lectures
R Jan 13	Rapport Building	Lab Assignment #1 Due (Worth 4%)
T Jan 18	Ethics, Consent & Debriefing	
R Jan 20	Ethics, Consent, & Debriefing	Lab Assignment #2 Due (Worth 4%); Last day to drop a class without financial penalty
F Jan 21		Last day to add or swap a course
T Jan 25	Hypothesis & Analysis	
R Jan 27	Hypothesis & Analysis	Lab Assignment #3 Due (Worth 4%)
F Jan 28		Fee payment deadline for Fall Term full and half courses.
T Feb 1	Oral Presentation #1	Oral Presentation Due (Worth 10%)
R Feb 3	Oral Presentation #1	Oral Presentation Due (Worth 10%)
T Feb 8	Child Interviews	
R Feb 10	Child Interviews	Lab Assignment #4 Due (Worth 4%)
T Feb 15	Child Observations	
R Feb 17	Child Observations	Lab Assignment #5 Due (Worth 4%)
M Feb 21		Family Day no Classes
Feb 22-26		Term Break No Classes
T Mar 1	Parent & Teacher Surveys	Research Proposal Due (Worth 15%)
R Mar 3	Parent & Teacher Surveys	Lab Assignment #6 Due (Worth 4%)
T Mar 8	Peer Reports	
R Mar 10	Peer Reports	Lab Assignment #7 Due (Worth 4%)
T Mar 15	Standardized Testing	
R Mar 17	Standardizing Testing	Lab Assignment #8 Due (Worth 4%)
T Mar 22	Data Coding	
R Mar 24	Data Coding	Lab Assignment #8 Due (Worth 4%)
T Mar 29	Data Analysis	
R Mar 31	Data Analysis	Lab Assignment #9 Due (Worth 4%)

T Apr 5	Writing Reports	
R Apr 7	Oral Presentation #2	Oral Presentation Due (Worth 10%)
T Apr 12	Oral Presentation #2	Oral Presentation Due (Worth 10%); Final Research Report Due (Worth 25%) Last day of Lectures and last day to withdraw from a winter term half course
Ap 19-29		Fall Final Exam Period

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

Supporting Documentation

Students may be asked to provide supporting documentation for an exemption/special request. This may include, but is not limited to, a prolonged absence from a course where participation is required, a missed course assessment, a deferred examination, or an appeal. Students are encouraged to submit documentation that will support their situation. Supporting documentation may be dependent on the reason noted in their personal statement/explanation provided to explain their situation. This could be medical certificate/documentation, references, police reports, invitation letter, or a statutory declaration, etc. The decision to provide supporting documentation that best suits the situation is at the discretion of the student. Students cannot be required to provide specific supporting documentation, such as a medical note.

Students can make a Statutory Declaration as their supporting documentation (available at ucalgary.ca/registrar). This requires students to make a declaration in the presence of a Commissioner for Oaths. It demonstrates the importance of honest and accurate information provided and is a legally binding declaration. Several registered Commissioners for Oaths are available to students at no charge, on campus, please see ucalgary.ca/registrar.

Falsification of any supporting documentation will be taken very seriously and may result in disciplinary action through the Academic Discipline regulations or the Student Non-Academic Misconduct policy.

Absence From A Test/Exam

Makeup tests/exams are **NOT** an option without the approval of the instructor. 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 on a day/time scheduled by the instructor. 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 <https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>.

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, Thursday, January 20, 2022**. Last day add/swap a course is **Friday, January 21, 2022**. The last day to withdraw from this course is **Tuesday, April 12, 2022**.

<https://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>