

Psyc 400.05		Applied Methods in Developmental Psychology		Spring 2021
<b>Instructor:</b>	Kathleen Hughes	<b>Lecture Location:</b>	Zoom & D2L	
<b>Phone:</b>	N/A	<b>Lecture Days/Time:</b>	T/TH 1:00pm to 3:45pm	
<b>Email:</b>	Kathleen.hughes@ucalgary.ca	<b>Teaching Assistant:</b>	Jenelle Morgan	
<b>Office:</b>	N/A	<b>TA Email:</b>	Jenelle.morgan@ucalgary.ca	
<b>Office Hours:</b>	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 [psyc.ucalgary.ca/undergraduate/program-learning-outcomes](http://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	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.

<b>Assessment Methods</b>	<b>% of Final Grade</b>	<b>Due Date</b>
<b>Lab Assignments (4% each)</b>	<b>40%</b>	<b>During Class Time</b>
<b>Oral Presentation 1</b>	<b>10%</b>	<b>May 18<sup>th</sup></b>
<b>Research Proposal</b>	<b>15%</b>	<b>May 18<sup>th</sup></b>
<b>Oral Presentation 2</b>	<b>10%</b>	<b>June 17<sup>th</sup></b>
<b>Research Report</b>	<b>25%</b>	<b>June 17<sup>th</sup></b>

### **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 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 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 **May 18<sup>th</sup> 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 **May 18<sup>th</sup> 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 **June 17<sup>th</sup> 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. You will write a final

research report due **June 17<sup>th</sup> 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 (synchronous activity) that you will complete via Zoom during class. 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	May 6 <sup>th</sup>
Ethics & Confidentiality	May 11 <sup>th</sup>
Hypothesis Testing	May 13 <sup>th</sup>
Child Interview Skills	May 20 <sup>th</sup>
Naturalistic Observations	May 25 <sup>th</sup>
Parental & Teacher Biases	May 27 <sup>th</sup>
Peer Evaluations	June 1 <sup>st</sup>
Standardized & Raw Scores	June 3 <sup>rd</sup>
Data Coding	June 8 <sup>th</sup>
Data Analysis	June 10 <sup>th</sup>

**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 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

Date	Methods Topic	Notes
W May 5		Spring term lectures begin.
R May 6	Introduction & Rapport	First day of classes Lab Assignments #1 Due (Worth 4%)
T May 11	Ethics, Consent, and Debriefing	Last day to drop classes without penalty and last day to add or swap classes. Lab Assignments #2 Due (Worth 4%)
R May 13	Hypothesis & Analysis	Lab Assignments #3 Due (Worth 4%)
T May 18	Student Oral Presentation #1 (worth 10%)	Research Proposal Due (worth 15%)
R May 20	Child Interviews	Lab Assignments #4 Due (Worth 4%)
T May 25	Child Observations	Lab Assignments #5 Due (Worth 4%)

R May 27	Parent & Teacher Surveys	Lab Assignments #6 Due (Worth 4%)
T Jun 1	Peer Reports	Lab Assignments #7 Due (Worth 4%)
R Jun 3	Standardized Testing	Lab Assignments #8 Due (Worth 4%)
T June 8	Data Coding	Lab Assignments #9 Due (Worth 4%)
R June 10	Data Analysis	Lab Assignments #10 Due (Worth 4%)
T June 15	Writing Reports	
R June 17	Student Oral Presentation #2 (worth 10%)	Final Research Report Due (worth 25%) End of Spring Lectures and last day to withdraw from a course.
M June 21		Start of Spring Final Exams
W June 23		End of Spring Final Exams

### 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/m-1.html> . . Students who miss a test/exam have up to 24 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 24-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 1 week 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 June and August 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](mailto: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/](http://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](http://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 **Tuesday, May 11, 2021**. Last day for registration/change of registration is **Tuesday, May 11, 2021**. The last day to withdraw from this course is **Thursday, June 17, 2021**.