

**Psyc 400.05**
**Applied Methods in Developmental Psychology**
**Winter 2024**

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**Office:** N/A

**Lecture Location:** Zoom & D2L  
**Lecture Days/Time:** M/F 2-3:15pm  
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**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.**

### 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 (Districts 5 and 6).

### **Course Format**

Lectures will be taught live via Zoom during each scheduled class as per the course schedule below.

### **Prerequisites**

PSYC 300, 301 and three units from 349, 351, 352, or 353.

### **Required Text**

Relevant readings will be posted on D2L.

### **Assessment Methods**

<b>Assessment</b>	<b>Due Date</b>	<b>% of Final Grade</b>	<b>Format</b>
Lab Assignments (5% each)	Each Friday by 11:59pm	40	Submitted on D2L
Oral Presentation 1	Jan. 29 & Feb. 2	10	During Synchronous Class
Research Proposal	Feb. 26	15	Submitted on D2L by 11:59pm
Oral Presentation 2	April 1	10	During Synchronous Class
Final Research Report	April 1	25	Submitted 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 three 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 Jan. 29 & Feb. 2

via Zoom as a group. This will be a 5-7 minute presentation. You will work on your own to write the research proposal which is due Feb. 26 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 1 via Zoom, you will present your research findings as a group. This will be a 5-7 minute presentation. Then you will write a final research report due April 1 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 8 small lab assignments which are each worth 5% of your final grade. Each of these assignments will be associated with an in-class (synchronous activity) that you will complete via Zoom on Fridays and will be submitted via D2L by 11:59pm. Each assignment will include working in pairs with one other student (via breakout rooms on Zoom) and completing a 1-2 page lab report.

**Late assignments will not be accepted without instructor approval.**

Once approved by the course instructor, and at their discretion, alternative arrangements for missed assessments may be considered <https://www.ucalgary.ca/pubs/calendar/current/g-1-2.html>. Students may be asked for documentation <https://www.ucalgary.ca/pubs/calendar/current/m-1.html>.

### **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/legal-services/sites/default/files/teams/1/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%

*Your outline must include a statement about your policy for rounding final grades. Include the following statement in your course outline:*

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	Date	Methods Topic
M	Jan 8	University Lectures begin. Course outline & Class Welcome
F	Jan 12	Lab 1: General Overview of Research
M	Jan 15	Ethics, Consent, and Debriefing
F	Jan 19	Lab 2: Ethics, Consent, and Debriefing
M	Jan 22	Hypothesis and Analysis
F	Jan 26	Lab 3: Hypothesis and Analysis
M	<b>Jan 29</b>	<b>Oral Presentation</b>
F	<b>Feb 2</b>	<b>Oral Presentation</b>
M	Feb 5	Child Interviews
F	Feb 9	Lab 4: Child Interviews
M	Feb 12	Child Observations
F	Feb 16	Lab 5: Child Observations
M	<b>Feb 19</b>	<b>UNIVERSITY CLOSED Albera Family Day</b>
F	<b>Feb 19-23</b>	<b>Term Break</b>
M	Feb 26	Parent & Teacher Surveys
F	March 1	Lab 6: Parent & Teacher Surveys
M	March 4	Peer Reports
F	March 8	Lab 7: Peer Reports
M	March 11	Standardized Testing
F	March 15	Lab 8: Standardized Testing
M	March 18	Data Coding
F	March 22	Data Coding
M	March 25	Data Analysis
F	March 29	Good Friday – no class
M	<b>April 1</b>	<b>Oral Presentation 2 (worth 10%)</b>
F	<b>April 5</b>	<b>Oral Presentation 2 (worth 10%); Final Research Report Due (worth 25%)</b>

**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/](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 <https://www.ucalgary.ca/legal-services/sites/default/files/teams/1/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

([https://library.ucalgary.ca/services/copyright?\\_gl=1\\*bcjlpn\\*\\_ga\\*OTY1ODc0Njg0LjE2NjkxNTA1NTM.\\*\\_ga\\_X4GN9Y4W7D\\*MTY3Nzc5MjM3Ni4xNy4xLjE2Nzc3OTI4MDYuMC4wLjA](https://library.ucalgary.ca/services/copyright?_gl=1*bcjlpn*_ga*OTY1ODc0Njg0LjE2NjkxNTA1NTM.*_ga_X4GN9Y4W7D*MTY3Nzc5MjM3Ni4xNy4xLjE2Nzc3OTI4MDYuMC4wLjA)) 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 18<sup>th</sup>, 2024**. Last day add/swap a course is **Friday, January 19<sup>th</sup>, 2024**. The last day to withdraw from this course is **Tuesday, April 9<sup>th</sup>, 2024**.