



## Psychology 467: Experimental Psycholinguistics

Figure from [www.hip.atr.co.jp/~hmichiko](http://www.hip.atr.co.jp/~hmichiko)



<b>Lecture Time:</b>	M W F 11:00		
<b>Lecture Place:</b>	A 167		
<b>Web:</b>	<a href="http://blackboard.ucalgary.ca/">http://blackboard.ucalgary.ca/</a>		
<b>Instructor:</b>	Dr. Suzanne Curtin	<b>Teaching Assistant:</b>	Dan Hufnagle
<b>Office:</b>	ADM 260	<b>Email:</b>	<a href="mailto:hufnad@yahoo.com">hufnad@yahoo.com</a>
<b>Email:</b>	<a href="mailto:scurtin@ucalgary.ca">scurtin@ucalgary.ca</a>	<b>Labs:</b>	M 4-6, T 2-4
<b>Office Hours:</b>	TBA	<b>Lab Location</b>	SS 18

### Course Overview:

Psycholinguistics is a broad field of research spanning from speech perception to sentence processing to language development to computer modeling. Throughout the course we will consider the relationship between theoretical linguistic concepts and constructs and psycholinguistic data. We will begin by discussing what language is, how it is organized, represented, and acquired, where it comes from, and what cognitive factors influence it. We will then investigate current and ongoing issues in psycholinguistics while examining the basic processes underlying the acquisition, production, and comprehension of spoken and written language. The lab component provides experience with experimental techniques used to study language behaviour.

**Required Textbook:** Harley, T. (2001). *The Psychology of Language*. 2<sup>nd</sup> Edition. Psychology Press.

**Articles:** Will be available on Blackboard.

### Evaluation:

**In class exams (2):** 20% (10% each)

**\*Final Take-home Exam** 25%

**Discussion:** 5%

- Use of Blackboard

**Class Presentation:** 10%

- Journal article

**Laboratory Component:** 40%

- Projects
- Experiments
- Attendance

**\*Final Exam Information:**

1. Handed out in class on Friday, April 13<sup>th</sup>, 2007
2. **Due Friday, April 20<sup>th</sup>, 2006**
3. To be handed in into the green box outside of A275.
4. Emailed final exams will **not** be accepted.
5. Late final exams will **not** be accepted.

**Department Grade Requirement:** A student may not register in any 400-level psychology course unless he/she is a major and has the appropriate prerequisite. Prerequisite for PSYC 467: PSYC 312.

**Grading Scale.** Each exam will be assigned a numerical grade, based on the total number of possible points. The final letter grade will be assigned based on the sum of the total points awarded. The following grading system will be used:

A+	97-100	B+	84-87	C+	72-75	D+	56-59
A	92-96	B	80-83	C	67-71	D	50-55
A-	88-92	B-	76-79	C-	60-66	F	0-49

(See the University Calendar for interpretation of the letter grades.)

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.

In this course there will be no rounding up of final grades, especially in light of the opportunities students have to increase their final grade via bonus credits.

**LECTURES:**

***Important notes regarding readings and lectures:***

1. Readings assigned from the text complement the material covered in lectures, and will not provide a substitute for attending lectures. If you miss a lecture, you are strongly encouraged to consult a student who was present to determine what was covered.
2. The reading/lecture schedule is tentative. If changes are made, an updated version will be provided on the course website.

**Lecture Schedule** *Note:* The instructor must approve any tape recordings of lectures.

<b>Date</b>	<b>Topic</b>	<b>Pages</b>	<b>Articles</b>
<b>Jan 8-17</b>	<b>INTRODUCTION</b>	3-19	
	Communication versus language (what)	47-59	Terrace et al. (1979)
	Evolution (where)	8-10	Christiansen & Kirby (2003)
	Nature versus Nurture (how)	21, 93-105	Bates (1994)
<b>Jan 19</b>	<b>PRESENTATIONS</b>		
<b>Jan 22-Feb 14</b>	<b>COMPONENTS OF LANGUAGE</b>		
	GESTURE	375-376	Goldin-Meadow (1999)
	PHONETICS	27-32	Stevens (1980)
	PHONOLOGY	32-33	Eulitz, C. & Lahiri, A. (2004).
	MORPHOLOGY	160-162	Devlin et al. (2004)
	SYNTAX	33-40	Lasnik (2002)
	SEMANTICS -- NETWORKS	275-294	Locker et al. (2003)
<b>Feb 16</b>	<b>PRESENTATIONS</b>		
<b>Feb 18-25</b>	<b>READING BREAK</b>		
<b>Feb 26</b>	<b>EXAM 1</b>		
<b>Feb 28- Mar 14</b>	<b>PSYCHOLINGUISTICS ADULT</b>		
	SPOKEN LANGUAGE		
	Comprehension (segments, words)	219-274	Polka (1991) Vitevitch (2002) Altman (1998)
	• Perception		
	• Recognition		
	• Processing		
	WRITTEN LANGUAGE		
	Comprehension	141-218	Sereno & Rayner (2003) Desroches, A.S., et al. (2005)
	• Visual word recognition		
	• Reading & Dyslexia		
<b>Mar 16</b>	<b>PRESENTATIONS</b>		
<b>Mar 19- April 4</b>	<b>PSYCHOLINGUISTICS DEVELOPMENT</b>		
	Perception	105-107	Werker & Yeung (2005) Saffran et al. (1996)
	• Segments		
	• Words		
	Production	107-127	Ozcaliskan & Goldin-Meadow (2005) Johnston et al. (2005)
	• Gesture		
	• Segments		
	• Words		
	ATYPICAL LANGUAGE DEVELOPMENT		
	• Williams Syndrome	70-77	Laing et al. (2002)
	• Specific Language Impairment		Owen & McKinlay (1997)
<b>April 6</b>	<b>EXAM 2</b>		
<b>April 11-13</b>	<b>PRESENTATIONS</b>		
	Final Exam handed out (13 <sup>th</sup> )		

**NOTE: On March 28<sup>rd</sup> and 30<sup>th</sup> class is cancelled.**

## University of Calgary Curriculum objectives:

*\*\*This course is currently being redesigned. We will be asking for input from you at various times throughout the semester. Please do not hesitate to raise any issues or concerns as they arise.\*\**

1) This course addresses the following core competencies:

- Critical and creative thinking
- Analysis of problems
- Effective oral and written communication
- Gathering and organizing information
- Abstract reasoning and its applications
- Insight and intuition in generating knowledge
- Interpretive and assessment skills

With the following course characteristics:

- Class discussion is encouraged in both lectures and laboratories; students are prompted to think critically about course material
- Students are required to design research projects which will involve integrating previous research, critically evaluating and analyzing existing issues and questions, reasoning about research implications and generating their own research designs.
- Students will present their research projects both orally and in written form.

2) **This course addresses the following curriculum redesign features:**

- A defined interdisciplinary component
- An experiential learning component relevant to the program objectives
- Integration of research

With the following course characteristics:

- Weekly laboratory component engaging students in research projects
- Class discussions centering on methodological and conceptual issues in research studies

## Reappraisal of Grades

A student who feels that a piece of graded term work (term paper, essay, test, etc.) has been unfairly graded, may have the work re-graded as follows. The student shall discuss the work with the instructor within fifteen days of being notified about the mark or of the item's return to the class. If not satisfied, the student shall immediately take the matter to the Head of the department offering the course, who will arrange for a reassessment of the work within the next fifteen days. The reappraisal of term work may cause the grade to be raised, lowered, or to remain the same.

If the student is not satisfied with the decision and wishes to appeal, the student shall address a letter of appeal to the Dean of the faculty offering the course within fifteen days of the unfavourable decision. In the letter, the student must clearly and fully state the decision being appealed, the grounds for appeal, and the remedies being sought, along with any special circumstances that warrant an appeal of the reappraisal. The student should include as much written documentation as possible.

## **Plagiarism and Other Academic Misconduct**

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. Consequently, plagiarism or cheating on any assignment is regarded as an extremely serious academic offense. Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Students should examine sections of the University Calendar that present a Statement of Intellectual honesty and definitions and penalties associated with Plagiarism/Cheating/Other Academic Misconduct.

## **Academic Accommodation**

*It is a student's responsibility to request academic accommodation.* If you are a student with a disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. If you are seeking academic accommodation, please notify your instructor no later than fourteen (14) days after the commencement of the course. Note that the lecturer must approve any tape recordings of lectures.

## **Absence From A Test**

Make-up exams are NOT an option without an official University medical excuse (see the University Calendar). You must contact the instructor before the scheduled examination or you will have forfeited any right to make up the exam. At the instructor's discretion, a make-up exam may differ significantly (in form and/or content) from a regularly scheduled exam. Except in extenuating circumstances (documented by an official University medical excuse), a makeup exam is written within two (2) weeks of the missed exam.

A completed Physician/Counselor Statement will be required to confirm absence from a test for health reasons. The student will be required to pay any cost associated with the Physician Counselor Statement.

## **Course Credits for Research Participation**

Students in most psychology courses are eligible to participate in Departmentally approved research and earn credits toward their final grades. A maximum of two credits (2%) per course, including this course, may be applied to an individual's final grade. Students can create an account and access the Research Participation System website at <http://ucalgary.sona-systems.com>. The last day to participate in research is April 12, 2007.

## **Student Organizations**

Psychology students may wish to join the Psychology Undergraduate Students' Association (PSYCHS). They are located in the Administration building, room 170 or may be contacted at 220-5567.

**Student Union VP Academic:** Phone: 220-3911 [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)  
**Student Union Faculty Rep.:** Phone: 220-3913 [socialscirep@su.ucalgary.ca](mailto:socialscirep@su.ucalgary.ca)

## **Important Dates**

The last day to drop this course and **still receive a fee refund** is January 19, 2007. The last day to withdraw from this course is April 13, 2007.