

Ling 275Lg Language and Mind, Spring 2001



Figure from www.hip.atr.co.jp/~hmichiko

Time:	M, W 2:00-3:20pm	Location: THH 202
Instructors:	Prof. Maryellen MacDonald Office: HNB 20B Office hours: W 3:30-5:00 Phone: (213) 740-6181 e-mail: mcm@gizmo.usc.edu	Prof. Kie Zuraw Office: GFS 332 Office hours: M 4:30-6:00 Phone: (213) 740-3884 e-mail: zuraw@usc.edu
TA's:	Carolina Gonzalez Office: GFS 220A Office hours: W 10:00-12:00 Phone: (213) 740-2986 (to leave msg.) e-mail: cgo@usc.edu	Narineh Hacopian Office: GFS 220A Office hours: Th 1:00-2:00 Phone: (213) 740-2986 (to leave msg.) e-mail: nhacopia@usc.edu
	Uffe Larsen Office: GFS 220A Office hours: F 11:00-1:00 Phone: (213) 740-2986 (to leave msg.) e-mail: ularsen@usc.edu	

This course is an introduction to language as a cognitive science with focus on the mental representation of sounds in speech. Topics include the production, interpretation, and physical properties of speech sounds (phonetics); the organization of speech sounds within language (phonology); language acquisition; the structure, perception, and reading of words; linguistic diversity; language representation in the brain and associated disorders.

The reading packet may be purchased at the bookstore and will also be on reserve at Leavey Library. Some of the assigned readings will be on the web.

Course web page: www-rcf.usc.edu/~zuraw/275.html

Course requirements:	Grades will be based on:
Exam 1:	22.5%
Exam 2:	22.5%
Final Exam:	30%
Homeworks:	20%
Lab attendance:	5%

Although many of the topics have assigned readings, because of the interdisciplinary nature of the material, much of the content will be based on discussion in class. **Accordingly, attendance to lectures will be very important to successfully complete this course.** Tests and exams will comprehensively cover material in lectures, readings, and labs.

Homework assignments: There will be 5-7 homework assignments during the term; some will involve the use of a computer. All homework assignments will be distributed and collected in lab sections. All assignments are to be done *independently* unless TAs explicitly coordinate collaborative work in lab meetings. Assignments will be handed out at least one week prior to due date. Assignments are to be turned in at the beginning of lab section on the day that they are due. Late assignments will be penalized in the following way: Turned in on the day due but more than 15 minutes after the student's assigned lab has started: 10% of grade deducted. If turned in on the next day, an additional 10% is deducted, and additional 10% for each day late after that.

Academic Integrity: We expect that all students will uphold the USC Student Conduct Code. Because violations of the code harm every other student in the class, the instructors will aggressively prosecute any student who cheats on an exam or homework or who allows others to cheat on an exam or homework.

Personal conduct: An atmosphere of mutual respect will enhance the experience of this course for everyone. We are committed to hearing your concerns and responding to them. We ask that out of consideration for your fellow students' learning and your own, you avoid coming to class late, leaving in the middle of class, letting your beeper go off, reading the newspaper, and other distracting activities.

Students with Disabilities: Students requesting academic accommodations based on a disability are required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP when adequate documentation is filed. Please be sure the letter is delivered to me (or to TA) as early in the semester as possible. DSP is open Monday-Friday, 8:30-5:00. The office is in Student Union 301 and their phone number is (213) 740-0776.

Course Outline

<i>Date</i>	<i>Topic, Readings</i>
Jan 8 M/Z Jan 10 M	Introduction. The Study of Cognitive Science. Readings: D. Osherson & H. Lasnik. "The Study of Cognition." F. Minifie, T. Hixon, & F. Williams. "Perspectives."
Jan 15	MARTIN LUTHER KING DAY
Jan 17 Z	Articulatory Phonetics. Reading: P. Ladefoged. <i>A Course in Phonetics</i> , Chapters 1-2.
Jan 22 Z Jan 24 Z	Articulatory Phonetics. Dynamics of Speech Production. Reading: P. Ladefoged. <i>A Course in Phonetics</i> , Chapters 3-4.
Jan 29 M Jan 31 Z	The Ear and Sound Waves. Acoustic Phonetics. Readings: P. Denes & E. Pinson. <i>The Speech Chain</i> , Chapter 5. A. Marantz. "Acoustic Phonetics."
Feb 5 Z Feb 7 Z	Acoustic Phonetics. Speech Technology.
Feb 12 Feb. 14 Z	*** Test 1 *** *** No Lab this Week *** English Dialects. Reading: J. Rickford. "Suite for Ebony and Phonics." (On web, not in reader). http://www.stanford.edu/~rickford/papers/SuiteForEbonyAndPhonics.html
Feb 19	PRESIDENTS' DAY
Feb 21 Z	Sounds across Languages and in Second Language Learning
Feb 26 M Feb 28 Z	Evidence for Segments and the Phoneme. Other Units of Speech.
March 5 Z March 7 Z	Phonology. Phonology. Reading: S. Jannedy, R. Poletto, & T. Weldon. <i>Language Files</i> , 4.1, 4.2, 4.3.
March 12 March 14	SPRING BREAK SPRING BREAK

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March 19 M March 21 M	Speech Perception. Speech Perception. Reading: P. Whitney. Ch. 5 “The Recognition of Spoken Words” (to p. 159).
March 26 March 28 M	***Test 2*** *** No Lab this Week *** Categorical Perception. Reading: P. Eimas. “The Perception of Speech in Early Infancy” <i>Scientific American</i> .
April 2 M April 4 M	Categorical Perception. Perception of the Word: Cohort and TRACE Models. Reading: P. Whitney. Ch. 5 “The Recognition of Spoken Words” (pp. 159-70).
April 9 M April 11 M	Cohort and TRACE Models of Word Recognition. Introduction to Reading: Translating Writing to Phonology. Reading: G.T.M. Altmann. <i>The Ascent of Babel</i> , Chapter 11, pp. 160-79.
April 16 M April 18 M	Introduction to Reading—Psycholinguistic Theory and Educational Practice Reading and Dyslexia. Readings: G.T.M. Altmann. <i>The Ascent of Babel</i> , Chapter 12, pp. 181-204. B. Shaywitz. “Dyslexia” <i>Scientific American</i> .
April 23 M April 25 M/Z	Language and Brain. Language Impairments and ***Instructor Evaluations***
	Each TA will have a review session before final exam
	Final Exam: Friday May 4, 2:00-4:00 pm, THH 202.

Office Hours & Who's Teaching Which Lab

Instructors

Prof. Maryellen MacDonald
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TAs

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e-mail: ularsen@usc.edu

Labs

Th 12:30-2:00, GFS 104
Th 3:30-5:00, GFS 213

Th 2:00-3:30, GFS 213

F 8:30-10:00, GFS 104
F 2:00-3:30, GFS 216