

English 464-01, Spring 2005

Using Computers in Linguistics

Instructor Jack B. Martin, Tucker 209, 221-3930, jbmart@wm.edu

Office hours TR 2-3

Class time and place F 3:00-3:50, Tucker 131

Computers are used in linguistics for building connections between people, for organizing data, for publishing, for bibliographic research, for basic reference information, for studying meaning and use, and for editing and measuring sounds. Within computational linguistics, they are used for natural language processing, information retrieval, speech recognition, and machine translation. This one-credit course introduces students to basic uses of computers in language-related research. Because it's small and has students with different backgrounds, we'll work together to develop a list of desired skills and share our results each week.

Prerequisites

None

Requirements

Homework	80%	(The cumulative grade may be lowered with noticeably poor attendance.)
Project	20%	

Topics

Research: Linguistics and Language Behavior Abstracts (LLBA), JSTOR, WorldCat ...
Becoming a part of a larger community: The Linguist List
Working with fonts, creating PDFs
Making a web page
Scanning and editing images
Organizing data
Using a concordancer
Using a glosser: Shoebox
Making digital recordings
Editing digital recordings
Measuring sounds
Studying acquisition data: CHILDES
Editing texts for electronic use
Presenting data: PowerPoint