

Tentative Syllabus Updated - August 20, 2006

Course: ICS 464 - Intro to Cognitive Science - Fall 2006

Subject:

Cognitive science is usually defined as the scientific study intelligence. Human intelligence is composed of a set of high highly developed abilities such as language, devising and using tools, abstract thought and more. Computer scientists have been working to approach and possibly surpass human intelligence for decades. To begin this work of simulating human intelligence, a computer scientist must first understand the complexities of human intelligence. That is the purpose of this cognitive science class.

Intro to Cognitive Science 464 introduces basic concepts, central problems, and methods from cognitive science. This is a multidisciplinary field and the class identifies contributions from disciplines such as cognitive psychology, linguistics, artificial intelligence, philosophy and neuroscience.

Prerequisites:

Restricted to ICS majors, ICS 311 (Algorithms) or consent.

Textbook:

What is Cognitive Science, by Ernest Lepore & Zenon Pylyshyn, 1999. \$40-\$50, paperback.

Lecture:

Monday / Wednesday, 12:00-1:15 pm, KUY 303

Instructor:

Curtis Ikehara

Office/Phone: POST 306B / 956-3581

Office hours: Wednesday, 1:45-2:45 pm or by appointment

Email: For questions about lectures: cikehara@hawaii.edu

Course Website:

Various course materials will be posted on the course web site for you to download and print at your option/convenience.

Grading (tentative):

	Points	Number
Quiz	200	10
Homework and Assignments	200	10
Exam 1	100	1
Exam 2/Paper	150	1
Exam 3	100	1
Presentations/Paper	100	1
Final Exam	<u>150</u>	1
TOTAL	1000	
Extra Credit	50	5

A+	1000	960
A	959	880
A-	879	800
B+	799	720
B	719	640
B-	639	560
C+	559	480
C	479	400
C-	399	320
D+	319	240
D	239	160
D-	159	80
F	79	0

- * Quizzes on Monday at the beginning of class (about 10).
- * Homework due at the beginning of Wednesday class.
- * Assignments in class are due at the end of Wednesday class.

Turning in assignments:

What to turn in:

- * Your own work. It is OK to discuss homework with others, but the work you turn in should be your own work.
- * Answers should always include how the answer was derived.
- * NOTE: Keep backup copies of your work. These could be important if there are questions about the completion of your work.

How to turn it in:

- * Always include the course number and assignment number information in the subject line of the email.
- * Hard copy --- may be turned in before it is due at the lecture or time stamped in the office and put into my mailbox in POST 316.

Late Work: There is no contingent for late work.

Alternate Class Site:

All lectures will be conducted and exams will be administered even in the event we are prevented from accessing our classroom. We will meet at the corner of POST nearest Kuykendall.



Academic Dishonesty:

The each occurrence of academic dishonesty will result in a grade of 0 for the assignment or exam and a memo in your ICS department file describing the incident. This will be done for each student involved. Should there be more than one memo of this type in your file, the incident will be referred to the Dean of Students.

DISCIPLINARY SANCTIONS -

<http://www.hawaii.edu/student/conduct/discipline.html>

Sanctions include: Warning, Probation, Rescission of Grades or Degree, Suspension & Expulsion.

Academic Dishonesty - <http://www.hawaii.edu/student/conduct/imper.html>

Because UHM is an academic community with high professional standards, its teaching, research, and service purposes are seriously disrupted and subverted by academic dishonesty. Such dishonesty includes cheating and

plagiarism as defined below. Ignorance of these definitions will not provide an excuse for acts of academic dishonesty.

Cheating includes but is not limited to giving or receiving unauthorized assistance during an examination; obtaining unauthorized information about an examination before it is given; submitting another's work as one's own; using prohibited sources of information during an examination; fabricating or falsifying data in experiments and other research; altering the record of any grade; altering answers after an examination has been submitted; falsifying any official University record; or misrepresenting of facts in order to obtain exemptions from course requirements.

Plagiarism includes but is not limited to submitting, in fulfillment of an academic requirement, any work that has been copied in whole or in part from another individual's work without attributing that borrowed portion to the individual; neglecting to identify as a quotation another's idea and particular phrasing that was not assimilated into the student's language and style or paraphrasing a passage so that the reader is misled as to the source; submitting the same written or oral or artistic material in more than one course without obtaining authorization from the instructors involved; or "drylabbing," which includes obtaining and using experimental data and laboratory write-ups from other sections of a course or from previous terms.

If you have any questions, please contact the instructor and obtain authorizations in writing.