

Psychology C54
Cognition and Representation
Course Outline – Winter 2007

LECTURES: Tue: 7-9 PM Room: SW 319

PreReq: Prerequisite: [PSYB07H or SOCB06H or STAB22H] & a PSYB20-series or a PSYB50-series half-credit
This means a course in statistics and a B level course in cognitive psychology

INSTRUCTOR: Sherief Hammad Room: S540c
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Web-page: www.cs.smu.ca/~jmac
Office Hours: Tue 5-7PM

TEXTBOOK: Course will rely on web material, articles, hand outs, and lecture material.

EVALUATION: Exam Midterm (1): 30% (March 6)
Assignment 1: 10% (Feb 6)
Assignment 2: 20% (March 27)
Final Exam: 40% (TBA)

TOPICS (as time permits)

- Theory, philosophy and background
- perception and memory, overview and review
- Signal detection (review?)
- Computers and images
- Illusions
- Objects vs Faces
- Metaphor and movies
- cross-cultural
- computer models
- stochastic models
- representations and the blind
- depth and motion
- Development
- Language

IMPORTANT COMMENTS

1. **Rules for Assignments and Quizzes:**
 - 1.1. Marked quizzes will be retained by the instructor.

2. **To pass the course**, you must satisfy **all** of the following conditions:
 - 2.1. Accumulate at least 50 points in the assignments, exams, and presentation.
 - 2.2. Receive 50% or above average in the exams.
 - 2.3. Receive 40% or above in the final Exam.
3. See the academic calendar for the definitions and consequences of **plagiarism** and other academic offenses.
4. **Rules for cell phones:** Cell phones must either not be brought to class or recitation, or be turned off during the class or recitation period. If you are expecting a telephone call which absolutely *must* be answered during a particular class or recitation time, don't come to that class or recitation. In other words, there is a zero tolerance for cell phones in this course.