Attention!

This is a representative syllabus. The syllabus for the course when you enroll may be different. Use the syllabus provided by your instructor for the most up-to-date information. Please refer to your instructor for more information for the specific requirements of a given semester.

Required materials
Assigned readings will be posted on Carmen.

Course description
This course provides an in-depth examination of cognitive science from an interdisciplinary perspective. Various aspects of cognition will be considered in three modules. During the first week of each module, students will be provided with a general introduction of the relevant topic area. This will be followed by a series of more specialized presentations by experts from the OSU faculty.

Evaluation
Each student will be required to submit a project or term paper on one of the three general topic areas, and it must be written from a perspective that is outside the student’s own discipline. Students will also be required to submit a 2-3 page summary of what they have learned from the assigned readings. These summaries should be submitted to the Carmen drop box prior to each presentation. The final grade will be based 75% on the term project and 25% on the reading summaries and class participation.

Course web site
Powerpoint files can be downloaded for each lecture on Carmen. Warning: Some of these power-point files are quite large so you should not try to open them on line.

Academic Misconduct
It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term academic misconduct includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct.

Students with Disabilities
Students with disabilities that have been certified by the Office for Disability Services will be appropriately accommodated, and should inform the instructor as soon as possible of their needs. The Office for Disability Services is located in 150 Pomerene Hall, 1760 Neil Avenue; telephone 292-3307, TDD 292-0901; http://www.ods.ohio-state.edu/.
Module 1 – Visual Perception

Week 1  A General Introduction to Vision  James Todd, Psychology

Week 2  Perception of facial expressions  Aleix Martinez, Electrical Engineering

Readings:

Week 3  Why don’t babies see very well?  Angela Brown, Optometry

Readings:


Week 4  The representation of visual space  Julie Golomb, Psychology

Readings:

Week 5  The curve ball illusion  Zhong-Lin Lu, Psychology

Readings:

Module 2 – Language

Week 6  A General Introduction to Language  James Todd, Psychology

Week 7  Development of speech  Susan Nittrouer, Otolaryngology

Readings:
Week 8  The role of accents in social perception  Kathryn Campbell-Kibler, Linguistics

Readings:

Week 9  The analysis of written text  Simon Dennis, Psychology

Readings:

Module 3 – Higher Cognition

Week 10  A General Introduction to Cognition  James Todd, Psychology

Week 11  The development of categories  Vladimir Sloutsky, Psychology

Readings:

Week 12  Cognitive models of analogy  Alex Petrov, Psychology

Readings:

Week 13  Human factors in aviation  Phil Smith, Cognitive Engineering

Readings:

Week 14  Music Cognition  David Huron, Music

Readings: