

CS 480-201 Special Topics

Introduction to Artificial Intelligence

Semester and Year: Spring 2009

Classroom Section, Meeting Times, and Location:

Section: 201 Days: M Time: 5:30 p.m. – 8:00 Location: GH211

Instructor:

Professor Joe Fuller
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Class Webpage: <http://users.marshall.edu/~fullerj>

Textbook: There is no required textbook. The book we will use is Computational Intelligence by Leszek Rutkowski. It is available in e-format from a link provided in the lecture notes. If students expect to continue to graduate school, it is highly recommended that they purchase this text. The book is available from Springer and the ISBN number is in the lecture notes.

Topics to be covered

This course presents a survey of several of the more recent topics in Artificial Intelligence (AI). During the course of the semester we will cover

- a. Rough Sets
- b. Fuzzy Sets and Fuzzy Logic
- c. Neural Networks
- d. Evolutionary Algorithms

Grading Policy

- Examinations will be given approximately the 5th, 10th, and last week of the semester. Tests count 40% of your final grade.
- Labs and Homework will constitute 40% of your final grade
- A final report will be worth 20 percent of your final grade

Attendance

Students are expected to attend and participate in every class. Students who miss graded assignments must provide a University excuse to be allowed to make up the work.

Academic Honesty

Cheating in any form will be dealt with according to the Marshall University Academic Dishonesty Policy provided in the catalog.

