CSCI 4525 – **AI** – Fall 2008

Instructor: Dr. Stephen Winters-Hilt
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Class Time/Location: TTh 9:30-10:45pm; Math Bldg 214

Office Hours: M 10:30-12:30am
Office Location: CERM 217 (Center for Energy Resource Management, Bldg 34 on map)

Prerequisites: CSCI 2125, 2150, 2450, or instructor's permission.

Textbooks:

- Artificial Intelligence – A Modern Approach, 2nd Ed., S. Russell and P. Norvig (required)

Class Notes: Available in Word and PDF on class web page periodically.

Grading:

Homework assignments	50%
Midterm	20%
Final	30%

(A) 90-100; (B) 75-89; (C) 65-74; (D) 55-64; (F) below 55.

Topics covered:

- AI
- Modern Machine Learning
- Introductory SVMs
- Clustering
- Boosting
- Genetic Algorithms

Policies:

- Assignments will be assigned individually and, sometimes, to groups.
- Homework is due in class on due date. A 10% deduction will be assessed each day after due date.
- Omit documentation in your code at your own risk – if grader can't understand your code, and there's insufficient documentation, points will be deducted.