

**CSC 415/515 - Artificial Intelligence
FIRST DAY ANNOUNCEMENTS - FALL 2004**

1 Text

- *Artificial Intelligence - Structures and Strategies for Complex Problem Solving*, by G.F.Luger, Fourth Edition, 2002, Addison Wesley. The class web site is here <http://people.uncw.edu/narayans/courses/csc415/csc415.html>.

2 Catalog Description

CSC 415. Artificial Intelligence (3) Prerequisite: CSC 332. Introduction to key concepts and applications of artificial intelligence. Knowledge representation; state space searching; heuristic search; expert systems. Biologically-inspired computing techniques such as neural networks, fuzzy logic and genetic algorithms. Implementation of concepts and techniques.

3 Class time

1:00 - 1:50 MWF, BR 206

4 Instructor

Dr. Sridhar Narayan, BR 120

Office phone: 962-3695

Office hours: 11:00 - 12:00 MWF, and by appointment.

E-mail address: narayans@uncw.edu

5 Homework

All homework must be YOUR OWN INDIVIDUAL WORK. You may be asked to explain any submitted work at any time. The instructor reserves the right to interpret unsatisfactory explanations as evidence of academic dishonesty. Misuse of the computer system (including use of another person's account) is illegal, unethical, and will not be tolerated. The UNCW Academic Honor Code will be enforced. Each project will have a "due date" and those turned in after the due date, unless excused for reasons beyond the control of the student, **will be assessed a penalty of 10% per weekday late.**

6 Tests and Grading

You will have 2 in-class hour tests on **Friday, September 24, 2004** and **Monday, October 25, 2004**. In general, no make up tests will be given; if you miss a test and have a PREARRANGED reason, your final exam grade may be substituted for it. You will have a (possibly comprehensive) **FINAL EXAMINATION on Thursday, December 9, 2004 from 3:00 pm - 6:00 pm**. If you are passing the course, and if you cannot take the final exam when it is scheduled because of an emergency beyond your control, and if you notify me BEFORE the end of classes, you may possibly receive an "I" in the course.

You will have several homework assignments. Depending on whether you are enrolled in in CSC 415 or CSC 515, the homework assignments may be different.

Grade Break-up:

CSC 415: Assignments: 50%, 2 in-class tests: 30%, Final: 20%.

CSC 515: Assignments: 40%, in-class presentation 10%, 2 in-class tests: 30%, Final: 20%. For the in-class presentation, you will be expected to identify a "real-life" (industrial, medical, financial, automotive...) application of artificial intelligence techniques and gather information about it. You will make a short (15 - 20 minutes) presentation to the class about the topic on November 29, 2004.

Course grade:

CSC 415: A = 90-100, B = 80-89, C = 70-79, D = 60 - 69, F = 0-59. The upper and lower 20% of all grade ranges will be assigned + and - modifiers, respectively. There is no A+ grade.

CSC 515: A = 93-100, B = 84-92, C = 75-83, D = 66-74, F = 0-65. The upper and lower 20% of all grade ranges will be assigned + and - modifiers, respectively. There is no A+ grade.

7 Accomodation of disabilities

If you have a disability and need reasonable accomodation in this course, you should inform the instructor of this fact in writing within the first week of class or as soon as possible. If you have not already done so, you must register with the Office of Disability Services in Westside Hall (extension 3746) and obtain a copy of your Accomodation Letter. You should then meet with your instructor to make mutually agreeable arrangements based on the recommendations of the Accomodation Letter.