

SYLLABUS

August 31, 2004

Instructor: Jeffrey Horn, email: jhorn@nmu.edu
office: New Science Building 1119
phone: 227-1607

Office Hours: Thursdays 1:00-3:00pm and Fridays 12:00-3:00pm, and 5:00-6:00pm are OPEN OFFICE HOURS, no appt. necessary

I also have hours available BY APPOINTMENT ONLY (email me! and wait for my response!):

Tuesdays	Thursdays	Fridays
12:00-2:00pm	11:00-1:00pm	11:00-12:00p

Textbook (required): *Evolutionary Robotics*, by Nolfi and Floreano

Classroom: New Science Building, Room 1209

Meeting Times: 4:00 - 5:40 pm Tu,Th

Prerequisites: CS 201 or equivalent (three semesters of programming experience, including one semester of C++) or permission of instructor.

Our web page: <http://cs.nmu.edu/~jeffhorn/Classes/EvoRobots/>

(I will use the web page EXTENSIVELY, posting everything I can up there as soon as possible. This includes all electronic forms of handouts, assignments, solutions, sample tests, etc. Also I will post announcements, links to interesting, topic-related sites, etc. So please check our page regularly! At the very least, twice a week. We will also have a WebCT page for posting grades, etc.)

OBJECTIVES:

TOPICS: (tentative)

OVERVIEW

- Genetic Algorithms
- Robots
- Simulation
- Artificial Life

GRADING:

50% Written Homeworks and Programs

20% Quizzes

10% Exams in-class and take-home

10% Final exam, comprehensive.

10% Instructor's discretion

Late Policy: For programs and homeworks, 5% off for each day late (counting only days that the university is open; e.g., **not** weekends or snowdays). But of course I cannot accept them after solutions are handed out! As for exams, those cannot be made up except under the most severe and extenuating emergencies! Don't take a chance if you don't have to! (If we have "enough" assignments and/or quizzes, I will drop the lowest grade in that category.)

COMPUTING FACILITIES:

Your NMU ThinkPad (or iBook) and the NERL (Northern Evolutionary Robotics Lab!).

NOTE: *If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at **2001 C. B. Hedgcock** (227-1700; TTY 227-1543). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state and University guidelines.*