

NORTHERN MICHIGAN UNIVERSITY
CS 422-01-07W
WINTER 2007
ALGORITHMS DESIGN AND ANALYSIS

3 credits

Monday Wednesday Friday 2:00 – 2:50 P.M.

Monday 15 January 2007 through Friday 27 April 2007 except Monday 5 March 2007 through Friday 9 March 2007

Final Exam: Tuesday 1 May 2007 2:00 P.M. – 3:50 P.M.

1205 New Science Facility

Instructor: Andy Poe, 1129 New Science Facility, 227-1598

This class gives an overview of algorithm design, which is to say how to design a program to solve certain kinds of problems. It is required for Computer Science majors.

Text: *Introduction to Algorithms*, Second Edition, Thomas H. Cormen, Charles H. Leiserson, Ronald L. Rivest, Clifford Stein

This book is available at the Bottum University Center Bookstore.

Laptop Policy: Although this is a Computer Science course, the use of a laptop in class is forbidden in class and on exams. There will be exceptions to this policy, such as when we install software or when we have lab days. But, in general, if I'm lecturing, no laptops, or any other distracting electronic equipment such as Walkmans, iPods, cell phones, etc.

Courseload: There will be weekly written homework assignments and frequent programming assignments that may overlap the written assignments. These will comprise 60% of your final grade. There will be two in-class exams each comprising 10%, and a final exam comprising 20%. These exams are optional; taking the exams can only help you, they cannot hurt you.

Office Hours: 3:00 – 5:00 P.M. Monday, Wednesday, Thursday, Friday. Other hours are available by appointment, or you can just drop by. If I'm free, I'm happy to talk with you. However, please respect my lunch hour (12:00 P.M. – 1:00 P.M.). Because of irregularly scheduled meetings, office hours on Tuesday are difficult to arrange.

DISABILITY SERVICES

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.