

CS 120 Computer Science I, Winter 2007**SYLLABUS**

January 16, 2007

Instructor: Jeffrey Horn, email: jhorn@nmu.edu
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Office Hours: The table below lists my "open" office hours. Other hours are available by appointment (please email me a REQUEST, and I'll let you know if I can do it!)

	Mon.	Tues.	Wed.	Thurs	Fri.
OPEN HOUR	TBA	TBA	TBA	TBA	TBA
By Appointment	TBA	TBA	TBA	TBA	TBA

Textbook (required): *GUI JAVA Part I: Fall 2006, Chapters 1-7* by B. Peterson and L. Ellerbruch, available in Campus Bookstore

(not Part II !!)

Classroom: New Science Facility (NSF) 1209
Meeting Times: EVENING SECTION: 7-8:40pm, TuTh
Prerequisites: Math 100 or equivalent or permission of instructor
Our web page: <http://cs.nmu.edu/~jeffhorn/Classes/CS120/Winter2007/>

(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.)

TOPICS:

- INTRODUCTION: What is *Programming*, a *programming language*, etc.? (Example: programming a robot)
- The Java and OO Models of Computation
- Constants and variables.
- Classes, Objects, Methods.
- Loops and conditional branching.
- User interaction.
- Nested Objects.
- Arrays
- Strings

GRADING:

50% Programs.
 10% Quizzes
 20% 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:

Hardware: NMU IBM ThinkPads, NMU Apple iBooks

Software: TextPad program editor, Sun's Java 2 Platform to compile programs, and a Web browser to run them. (click [here](#) for instructions on downloading the free software)

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.

LIBERAL STUDIES, DIVISION V

This course satisfies the Formal Communication Studies requirement.

These courses are designed to introduce students to the ways in which information and ideas are expressed using a communication system other than English. Such courses should foster the student's ability to conceptualize and communicate in an orderly, rational manner. Characteristics of a communication system include: 1) possession of a grammar; 2) operation from an established set of rules; 3) reasoning properties such as deduction, inference drawing and problem solving. This includes courses in languages and those in which the central focus of the course is on statistics, computers or formal logic.