CS201
PROGRAMMING IN C/C++
3 credits

SYLLABUS

Prof. David J. Powers
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Office Hours: Are posted on my office door
(** other times by appointment **)

Course Description and Overview

This course is an introduction to C/C++ for JAVA Programmers.
Some of the topics covered include:

- Arrays
- Pointers
- Linked-Lists
- File I/O
- Functions
- Strings
- Recursion
- Macros
- Make files
- Objects
- Inheritance
- Operator Overloading

Text

1. The C Programming Language, Kernighan & Ritchie, 2nd Edition ©1988
2. Computer Science: A Structured Programming Approach Using C++,
   Forouzan & Gilberg, © 2000

Laptop Use

Laptops **cannot** be used during class lectures.
Laptops can be used for in-class assignments as indicated by your instructor.

Computer availability is required to complete Homework assignments and to access course materials on Web-CT.

Prerequisite

CS122 or concurrent enrollment

Homework

Eight (8) homework problems are assigned for the semester.
This course has a large laboratory component. Expect to spend up to 10 hours each week outside of class working on programming assignments. No partial credit is given for homework more than one week late. 10% is deducted for each late day (up to 5).

All homework is submitted to a Web-CT Assignment Dropbox. Use the **Upload file** button to upload all required files. After all files are uploaded, remember to use the **Submit assignment** button. Your assignment will not be submitted if the **Submit assignment** button is not used. You will receive an e-mail confirmation if your assignment has been submitted properly.

Tests

All testing will be closed book and laptops may **not** be used during testing.
There are 2 tests for this course:

MidTerm
Final Exam (comprehensive)

Make-up of Missed Work

Make-up of missed tests or homework will be allowed if you contact me prior to the absence and you have a valid excuse.

Personal Contact

I am very interested in what is happening with my students and I appreciate when you inform me of situations with could affect your attendance and/or performance in my class. However, please do not explain your class absences or other personal problems to me in the classroom (before or after class). Please use one of the following ways to inform me of personal items:

- meet me in my office during my office hours (NSF 1306)
- use my office phone, 906-227-2501 (leave a voice message)
- e-mail me at dpowers@nmu.edu

Grading

80% Homework Assignments (10% each)
20% MidTerm and Final Exam (10% each)

Grades: Grades are assigned based on the % of total points obtained as follows:

A	92-100	C+	77-79
A-	90-91	C	73-76
B+	87-89	C-	70-72
B	83-86	D+	67-69
B-	80-82	D	63-66
F	0-62		

Plagiarism

It is anticipated that students will work together on class assignments. It is never permissible, however, to submit work that is not substantially original with the author. Severe violations of this principle will result in an 'F' for the course.

Americans with Disabilities Act: If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office located in Room 1104 of the University Center (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.