

**CS495**  
**Windows Programming**  
**4 credits**

## **SYLLABUS**

Prof. David J. Powers

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Course Web Site:

<http://myweb.nmu.edu/~dpowers/Classes/CS495>

Office Number: NSF 1306

Office Phone: 906-227-2501

Office Hours: refer to the previous web page

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### **Course Description and Overview**

The goal of CS495 is to understand the development of programs with a graphical user interface (GUI) on the Windows platform. Projects include writing a DLL, a console application and several Dialog and Document Applications. For the most part, C++ will be used with Visual.NET.

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### **Text**

Required: Microsoft Visual C++.NET Step by Step, Templeman & Olsen,  
Microsoft Press, ISBN 0-7356-1907-7, © 2003

Another Excellent Book: Visual C++.NET How To Program,  
Deitel & Deitel & Liperi & Yaeger, Pearson/ Prentice Hall,  
ISBN 0-13-437377-4, © 2004

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### **Laptop/Computer Use**

Laptop/Computer with Visual C++.NET and IIS installed. Most of the programs will be developed using Visual C++.NET on the Windows platform.

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## Prerequisite

C or better in CS201 and CS222 (CS326 preferred), junior standing or instructor permission

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## Homework

Eight to ten (8-10) programming 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 programs are submitted on CD-ROM.

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## Tests/ Final Exam

There are **no** tests for this course. A Final Programming Assignment will be required in place of a Final Exam.

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## Personal Contact

I am very interested in what is happening with my students and I appreciate when you inform me of situations which could affect your attendance and/or performance in my 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](mailto:dpowers@nmu.edu)
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## Grading

## 100% Programming Assignments

**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

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## 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.

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## Americans with Disabilities Act

**Disabilities 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. Hedcock (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.