

Course: CS-100 INTRO TO ENGINEERING COMPUTING (Sec. GE)

Time & Loc: Lecture: Tu: 6:00pm - 8:50pm (MR - Training Room)

Instructor: Prof. Jeff Blessing

E-mail: blessing@msoe.edu

Office: S-336

Hours: M, Tu, Th: 10:00am - 10:50am, the hour before class, and by appointment

Phone: 277-7194

Texts: 1) *Benjamin Cummings Select Lab Series*, which includes:

Projects for DOS 7.0 and Windows 95

WordPerfect 6.1 Projects for Windows

Quattro Pro 6.0 Projects for Windows.

2) C++ Program Design, An Introduction to Programming and Object-Oriented Design, 2nd Ed., by James P. Cohoon and Jack W. Davidson, McGraw-Hill, 1999.

Objective: This course introduces first term engineering students to computing tools used to solve various engineering problems encountered in fundamental engineering courses. Topics include the MSOE CCSD facilities, introduction to personal computers, workstations, and file servers, using a word processor for file creation and editing, spreadsheets, math software and a brief introduction to software design. (Prerequisite: high school algebra or consent of instructor)

<i>Grading:</i>	Hmwk & P'gming Assign.	50%
	Midterm (week 6)	20%
	Final (week 11)	30%

No incomplete grades will be given without very extenuating circumstances.

Attendance: Attendance will be taken at each lecture. Exam material will come from both the text and class discussions.

Late Policy: Assignments are due at the beginning of the class period that was designated as their due date. A 10% penalty will be assessed for each day an assignment is late.

Chronology: Intro. to Computers & Programming:

Intro. to the Windows 95 Operating System	(2 weeks)
Word Processing with WordPerfect	(2 weeks)
Spreadsheets with Quattro Pro	(2 weeks)
Intro. to the C++ Programming Language:	(5 weeks)

Holidays: **There will be no class meeting on December 22nd and 29th.**