

CS 1344

Programming in C, Fall 98

Index 5340: 11:00 am-12: 15 pm Tuesday (Derring 3092)

Instructor:

Jayan K. Nair (kjayan@vt.edu)

Office Hours: MCB 519 (Monday 11:00 am to 12:00 noon, Tuesday 12:45 pm to 1:45 pm) and by appointment (Please contact me through e-mail).

Text:

Programming in C++: Nell Dale, Chip Weems, and Mark Headington, 3rd Edition (Jan 98), Pub: Jones and Bartlett.

Material:

Course notes are the same as that for CS 1044. N. D. Barnette, M. A. Keenan, and W. McQuain available through A-1 Copies (University Mall)

Software:

Microsoft Visual C++ 5.0 or 6.0 running on Win95/98 or NT. You should purchase a copy of the software. Although the machines in McB 116/118 Lab have access to the software, you should use the lab only in case of absolute necessity such as breakdown of your own machine or so.

Web Information:

Course web page **URL:** <http://ei.cs.vt.edu/~cs1344>

Check the course web page on a regular basis to know about programming projects, tests, or any other relevant information.

Prerequisites:

A full year of High School Programming in PASCAL or C, OR either of the Va Tech Course CS1034 or CS1014 (NO exceptions). It is required that CS majors entering this course have successfully completed (grade C) in all prerequisites and have gained an introductory proficiency in the use of a high-level programming language.

Course Objective:

The purpose of this course is to build upon a student's prior knowledge of a high-level programming language to teach the fundamentals of structured programming in C++.

Grading Policy:

The distribution of points is as follows:

Item	Weight
Pop Quizzes (4-5)	: 10%
Programming Projects (3)	: 45%
Midterm	: 20%
Final Examination	: 25%
Total	: 100%

Quizzes:

There will be a few surprise quizzes to motivate you to keep abreast with the class. No make-up quizzes will be given. However, the one lowest quiz score will be dropped from consideration.

Projects:

Three programming projects will be assigned. All projects will be graded electronically with the aid of an automated grader. The details on electronic submission of programs are available in your course package. In addition to automatic grading, some (maybe all) of your projects will also be graded manually for style and documentation. You must follow the Computer Science Department documentation standards as described in Elements of Programming Style (Appendix 8 in the course notes).

Midterm:

Tentatively scheduled for **September 29, 1998**.

Final Examination:

Scheduled on the last class meeting day (**December 8, 1998**)

Grading Policies:Programming style:

All submitted projects should adhere to the standards prescribed as per the Computer Science Department Documentation Standards, described in the *Elements of programming style*. Any submissions not adhering to the prescribed style will be downgraded.

Late policy:

Each programming project should be submitted before the due date and time specified for that project. Late works will incur a penalty of 20% per day. Projects will not be accepted beyond five days after the specified due date.

Statute limitations:

Any questions or complaints about grading should be raised within one week after the grades are made available to the class.

Absence:

You must make every effort not to miss any tests. If you cannot attend the class to take the test due to some emergency, you must notify the instructor as soon as possible before the test and also you must validate your absence by providing a document from a Physician (for illness) or from your Dean's office (for emergencies other than illness).

Honor code:

All aspects of this course are covered by Virginia Tech Honor Code. There are no group assignments or projects for this course. All submitted work must be your own. Any violation of the Honor Code will be dealt with severely.