

Chaminade University
Autumn, 2001
CIS 160
Object Oriented Programming

Text: **Introduction** to Object-Oriented Programming with C++
 Anita Millspaugh
 Dryden Press, 1999
 ISBN: 0-03-023621-5

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Grading:	2 mid term tests at 15%	30%
	Final exam	20%
	Up to 10 in class quizzes @ 3%	30%
	4 programs @ 5%	20%

Notes:

- Each program must be documented in syntactically correct, semantically clear **English. A program whose documentation contains spelling error is assumed not to work.**
- All tests and quizzes are open book and open notes. You may not, however consult another human being. For purposes of this rule the instructor is considered to be human.
- Real programming is a group effort, not an individual effort. It is prudent to work with other students in the class on programming assignments. An assignment submitted may be the work of at most three persons.

Course Objectives:

Cognitive

To understand the HIPO structure of every computer program;

To understand the role of an algorithm in programming;

To understand the use of control structure;

To understand how data is stored, addressed, and used.

To understand the relationship between the C language and the C++ language.

Skills

To be able to specify the input, processes and output of a program;

To be able to document, code, test, and deliver a C and C++ programs;

To be able to debug a program produced by someone else.

Schedule:

Dates	Textbook Material
08/27 - 08/28	Data structures, control structures, and assignment statements of C. Simple C++ <u>input and output</u>
10/05	Test
10/10-11/7	C++ objects , constructors, destructors, <u>polymorphism, overloading</u> ; file <u>1/0</u>
11/09	Test
11/12 -12/07	Multi-dimensional arrays, pointers, advanced <u>file rocesses</u>
12/10 -12/13	Final Exam