

VICTOR VALLEY COLLEGE SYLLABUS
SPRING 2014

Course No.	CIS-202	Course Title:	C++ Programming - B
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Units	4.0	Section #	47598	Days	TTh	Hours	2:20 - 5:20 p.m.
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Room	AC5	Instructor	Paul Tønning
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Office No.	AC5	Tel. Ext	2409
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SPRING CALENDAR

http://www.vvc.edu/offices/admissions-records/Spring-2014_Important-Dates-and-Deadlines.pdf

WITHDRAWAL POLICY

Deadline to add **02/17/2014**

Census Date **02/18/2014**

Last date to drop as a No Show without receiving a 'W' grade **02/17/2014**

Last date to drop for excessive absence & receive 'W' grade **03/21/2014**

It is the student's responsibility to follow the college's policy regarding withdrawal from a course. You can find the important dates and deadlines for withdrawing here:

http://www.vvc.edu/offices/admissions-records/Spring-2014_Important-Dates-and-Deadlines.pdf

STATEMENT OF ACCESS: Students with special needs are encouraged to meet with instructors to discuss the opportunity for academic accommodation and referral to Disabled Students Programs and Services (DSPS) and services per Administrative Procedure (AP 3440)

Visit Victor Valley College online at www.vvc.edu

Prerequisite:

CIS 201

Textbook:

<http://www.pearsonhighered.com/product?ISBN=9780132162739>

A description...

Problem Solving with C++, 8/E

Walter Savitch, University of California, San Diego

ISBN-10: 0132162733

ISBN-13: 9780132162739

Publisher: Addison-Wesley

Copyright: 2012

Format: Paper; 1056 pp

Published: 03/08/2011

Status: Instock

Course Description:

The second in the C++ series, this course teaches the student who is familiar with the language how to use its object-oriented features in depth. Subject matter includes: designing and implementing classes, abstract data types, overloading operators, inheritance, and polymorphism. CSU

Course Objectives:

1. **Explain the C++ object model and how it contributes to the object oriented software engineering paradigm.**
2. **Identify key concepts related to object class definition and design.**
3. **Identify key concepts related to polymorphism and virtual functions.**
4. **Identify and explain how the exception handling facility operates in C++.**
5. **(LAB) Design and implement class hierarchies using inheritance, multiple inheritance, friend functions, virtual functions, and polymorphism.**
6. **(LAB) Design and implement class and function templates.**
7. **(LAB) Use C++'s exception handling mechanism to control errors.**
8. **(LAB) Create overloaded operators for new data types.**

Student Learning Outcomes:

Upon completion of the course the student can:

1. Describe and explain the C++ object model from a C++ user's point of view.
2. Demonstrate the ability to design and implement a base class.
3. Explain and demonstrate C++'s exception handling mechanism to control errors.
4. Demonstrate ability to take a UML design and implement a working C++ program using classes.
5. (LAB) Demonstrate ability to design and implement class hierarchies using inheritance, multiple inheritance, friend functions, virtual functions, and polymorphism.
6. (LAB) Demonstrate ability to design and implement class and function templates.

Attendance Policy: (Class attendance is not a measure of performance or proficiency. Whether a student is just physically present in the class is not a valid basis for grading. Reference Title 5 Section 55002 of the California Code of Regulations: (A) Grading Policy. The course provides for measurement of student performance in terms of stated course objectives and culminates in a formal, permanently recorded grade based upon uniform standards in accordance with section 55758 of this Division. The grade is based on demonstrated proficiency in the subject matter and the ability to demonstrate that proficiency, at least in part, by means of written expression that may include essays, or, in courses where the curriculum committee deems them to be appropriate, by problem solving exercises or skills demonstrations by students.)

Grading Policy:

This course is a combination of conceptual ideas and practical applications and therefore has a grading policy that recognizes both of these portions of the course with similar weight.

Lab assignments will be assigned according to the schedule on the course website. The labs are found in the "Assignments" section of the web site.

There will be weekly quizzes taken in class as well as a Midterm Exam and a Final Exam. The quizzes will begin at the beginning of the first class of the week and last for a duration of 20 minutes. At the end of the 20 minute duration the quizzes will no longer be available. Quizzes will not occur on weeks where we have a final exam or midterm. There are **no makeups for quizzes missed**, the one lowest score quiz will be dropped for final grading.

Plagiarism: The college policy regarding plagiarism will be enforced. **Students who plagiarize will fail the course.** Plagiarism is defined in the Student Handbook on pages 35-38.

All quizzes, exams, and labs must be completed within the specified time frame to receive credit.

- **Any** quizzes or tests submitted after the due date will receive a zero.
- **Any** lab submitted after the due date will be subject to a 10% reduction for each day late.
- **All** assignments are entered into the course system with due dates attached. The "In-Class" labs do not have due dates entered, they are due by the last class meeting in the week they are assigned. **You are responsible for checking the due date for all assignments and quizzes!**

Grading: Grading will be based on:

Course Grading Criteria:

Midterm Exam :	20%	90%+	A
Final Exam :	20%	80-89.9%	B
Quizzes:	20%	70-79.9%	C
In-Class Labs:	40%	60-69.9%	D

<http://goo.gl/S4IMVt>

less than 60%

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