

**COP 2224: C++ Programming****3 Credit Hours**

**Instructor:** Mahendra Gossai  
**Email:** [mgossai@mail.valenciacollege.edu](mailto:mgossai@mail.valenciacollege.edu)  
**Office:** Room 7-126



**Prerequisite:** Intro to Computer Concepts with a C or better.

**Course Description:** A continuation of COP2220 that covers the material required for C++ Programmers. The development environment for classroom programming will be Microsoft's Visual C++. Introduction to Object-Oriented Programming (OOP) using C++ programming language. Covers class hierarchies and single, repeated, and multiple inheritance. Focuses on abstraction and information hiding. Covers in detail polymorphism and dynamic binding.

**Text:** There is no required text for this course. All material will be given online and will be using various online resources.

**Tests and Assignments:**

- There will be 1 midterm test. The date for this test will be announced at least one week in advance.
- There will be approximately 10 assignments.
- Assignments will be submitted through Blackboard. Watch the due dates carefully.
- Late assignments will be penalized by 20%. Assignments more than 1 week late will not be accepted. No assignments will be accepted after the final class period of the semester.

**Attendance:** Students are expected to attend all classes. Refer to the Valencia Community College Catalog, section "Academic Policies and Procedures." Any student that misses more than two weeks of classes may be withdrawn from the course.

Students are responsible to read the information in their **Atlas email** accounts. Announcements, assignments, etc. that are sent to the Atlas email accounts are considered to have been received by the students.

**Withdrawal:** The last date for you to withdraw with a grade of W is **June 29, 2012**. After that date, you will receive a W based on your grade at the time you submit the Withdrawal. See the Valencia catalog Withdrawal Policy for further details. Note that you are responsible for withdrawing if you choose to do so.

**Students who are more than 3 assignments behind may be withdrawn from the course.**

---

**Important Dates:** <http://valenciacollege.edu/calendar/>  
(These are for all classes and might not affect this class.)

May 28 – College Closed (Memorial Day)  
July 4 – College Closed (Independence Day)  
Jun 29 – Withdraw deadline for W  
End of Class – July 31  
Final Exam - Will Assign in Class (Exam Week:)

---

**Valencia Core Competencies:** Valencia faculty have defined four interrelated competencies (Value, Think, Communicate, Act) that prepare students to succeed in the world community. These competencies are outlined in the Course Catalog. In this course, through classroom lecture and discussions, group work, programming projects, and other learning activities, you will further develop mastery of these core competencies.

**Expected Student Conduct:** Valencia is dedicated not only to the advancement of knowledge and learning but is concerned with the development of responsible personal and social conduct. By enrolling at Valencia, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. The primary responsibility for managing the classroom environment rests with the faculty. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the faculty member to leave the class. Violation of any classroom or Valencia’s rules may lead to disciplinary action up to an including expulsion from Valencia. Disciplinary action could include being withdrawn from the class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook.

**Students with disabilities** who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities (West Campus SSB 102, ext. 1523).

**Disclaimer Statement:** This syllabus may be modified as required by the instructor. Students will be notified by email of any modifications.

---

Evaluation:	Assignments	50%
	Midterm Test	20%
	Final Project*	30%

The sum of these will determine a letter grade as follows:

90 – 100	A
80 – 89	B
70 – 79	C

60 – 69  
0 – 60

D  
F

SAMPLE