

# **CPS-271 – Object Features of C++ Course Syllabus**

## **Course Code:**

CPS-271

## **Course Title:**

Object Features of C++

## **Course Description:**

In this course; students will continue the study of C++ by learning the object-oriented features of the language. Topics include classes; constructors and destructors; operator overloading; pointers; dynamic allocation of memory; inheritance; polymorphism; file manipulation; templates; and exceptions.

## **Prerequisites:**

Academic Reading and Writing Levels of 6; CPS 171 minimum grade C+

## **Outcomes and Objectives:**

[Please refer to the CPS-271 Master Syllabus](#)

## **Required Text and Materials:**

Please confirm edition with [WCC Website](#) or go to the WCC Bookstore and use the Find the Course Materials feature to view the required and recommended course materials: <https://washtenaw.bncollege.com/course-material/course-finder>

- None – All required materials are included within the Bb course site.

## **Course Overview and Structure:**

### **Assignments:**

All programming assignments are 50 points each. Late assignments will be penalized; 50% after due date, and 0% after 1 week.

Designing programs can be very time consuming. Most students find that they spend 10-15 hours per week on this course. If you are having difficulty designing a program, please email me for additional help. I will make myself available throughout the semester for help and assistance. It is most helpful if I can monitor any trouble areas that seem to common to several students so that additional class time might be spent clearing the confusion. You should expect to make several revisions/runs for a program assignment over several days before it is working to your (and my) satisfaction. Do not wait until that last day to start designing and writing your programs. YOU WILL NOT GET IT DONE ON TIME.

### **Quizzes and Examinations:**

- All quizzes are 50-points each, and 100-point Mid-Term and 200-point Final exam.
- No make-ups on Final exam.
- You must get a score of 50% or better on the Final exam to pass the course.

**Academic Integrity:**

Plagiarism and other forms of academic dishonesty will result in discipline according to the [WCC Student Rights & Responsibility guidelines](#). Always complete your own work using your own words. If you do use information, ideas, or words from other sources, credit that source using MLA or APA format.

**Accommodation of Special Needs:**

[Learning Support Services Department](#) provides support to students who may need accommodation for documented disabilities, or other learning need. WCC will work with you to accommodate any of your individual learning needs, however, I need to know of any requests in advance in order to make the necessary arrangements.

**WCC Student Policies and Support Information:**

Review the material within the Washtenaw Community College Student Policies and Support Information for additional policies and procedures that affect you and your course. Find this information [on this shared page](#).