

# CIS 250 Introduction to Object Oriented Programming: C++

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## **CIS 250 INTRODUCTION TO OBJECT ORIENTED PROGRAMMING: C++**

Introduction to programming and software engineering for computer science majors and computer professionals. A systematic approach to the design, implementation, and management of robust C++ computer programs. Course emphasizes topics such as Object Oriented programming design, templates, big O, trees, programming documentation, testing and debugging techniques. This course conforms to the ACM CS1 standards. *Letter Grade Only. Degree Credit.*

**Units:** 3

**Hours/semester:** 48-54 Lecture; 96-108 Homework

**Recommended:** CIS 118

**Transfer Credit:** CSU, UC

**C-ID:** COMP 122

