C++ PROGRAMMING (ADVANCED CERTIFICATE)

Catalog Effective Term: Fall 2026
Program Code: CVCPGM
Credential: Advanced Certificate
Program is also available online
High Demand Occupation, High Skill Occupation, High Wage Occupation

This program prepares students for jobs as a computer programmer where they will write C++ code and develop applications utilizing object-oriented programming techniques. Students will also develop skills that can be applied to the related jobs of programmer/analyst and software architect.

Program Admission Requirements

Prior programming experience is recommended. Students who have no programming experience should consider taking CPS 120 Introduction to Computer Science.

Minimum Credits Required for the Program: 12

Code	Title	Credits
Major/Area Requirements		
CPS 171	Introduction to Programming with C++	4
CPS 271	Object Features of C++	4
CPS 272	Data Structures with C++	4
Total Credits		**12**