

2024-25 ACADEMIC PROGRAMS

C++ PROGRAMMING (CVCPGM)

Advanced Certificate

This advanced certificate 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.

This is a **high skill** and **high wage** program as defined by the [Michigan Community College Network](#).

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Program is also available online

Description

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.

Admissions Requirements

Prior programming experience is recommended. Students who have no programming experience should consider taking CPS 120.

Course Requirements

Major/Area Requirements

Class	Title	Minimum Credits
CPS 171	Introduction to Programming with C++	4
CPS 271	Object Features of C++	4
CPS 272	Data Structures with C++	4
Total		12

Total Credits Required: 12

Accurate as of 06/28/2024 Information is subject to change without notice.