

## 2022-23 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](#).

Do you have another career in mind? [Search for careers](#)

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 08/12/2022 Information is subject to change without notice.