

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2023-2024



**CERTIFICATE OF PROFICIENCY PLAN  
PROGRAMMING/MOBILE DEVELOPMENT**

**Degree Code: 1180; CIP Code: 11.0202**

A Certificate of Proficiency may be awarded to students who have demonstrated mastery of skills and knowledge against specified performance standards in a specific area or discipline.

**ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE.**

The program of study can be a stand-alone program or part of a technical certificate or associate degree curriculum and is designed to enhance a person's skill set to make him/her more productive and marketable.

**Student Learning Outcomes for CP Programming/Mobile Development Program**

1. Demonstrate foundational programming skills of organization, logic, analytical thinking, and problem solving.
2. Develop an understanding of application architecting, interface design theories, visual constructs and responsive frameworks.

Name: \_\_\_\_\_  
Advisor: \_\_\_\_\_

Date: \_\_\_\_\_  
Student ID# \_\_\_\_\_

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>Programming/Mobile Development Content (12 credit hours)</b>			
CIS 1023	Programming Fundamentals/Logic	3	_____
CIS 1133	Mobile Development	3	_____
CIS 1513	Object Oriented Programming	3	_____
CIS 2453	Database Creation/Interaction	3	_____
<b>Program Total 12 Hours</b>			