

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.

2022-2023



**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>
Programming/Mobile Development Content (12 credit hours)			
CIS 1023	Programming Fundamentals/Logic	3	_____
CIS 1133	Mobile Development	3	_____
CIS 1513	Object Oriented Programming	3	_____
CIS 2453	Database Creation/Interaction	3	_____
Program Total 12 Hours			