

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



**TECHNICAL CERTIFICATE PLAN**  
**WEB DEVELOPMENT**

**Degree Code: 2005; CIP Code: 11.0401**

All technical certificate-seeking students must meet the freshman assessment and placement requirements. If deficiencies exist, the student must complete the required CPT courses.

**A 2.0 GPA is required for graduation from the  
 Technical Certificate in Web Development program.**

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

The Technical Certificate in Web Development is designed to prepare students with in-demand skills for entry-level positions in a fast-changing, high-tech workplace.

**Student Learning Outcomes for TC Web Development Program**

1. Demonstrate foundational programming/software skills of organization, logic, analytical thinking, and problem solving.
2. Develop learning strategies, which combine design thinking and aesthetics with software skills and technology to prepare for a career in an ever-changing field.
3. Demonstrate an understanding of application architecting, interface design theories, visual constructs and responsive frameworks.

In addition to these program-specific outcomes, the following general outcomes should apply:

4. Applications of Math and the Natural Sciences appropriate to degree or field of study.
5. Composition and Oral Communication.

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

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

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>General Education</b> (6 credit hours)			
ENG 1003	Composition I (must earn a "C" or better)	3	_____
MATH 1113	Applied Math or higher-level mathematics course	3	_____
<b>Web Development Core</b> (33 credit hours)			
CIS 1023	Programming Fundamentals/Logic	3	_____
CIS/ART 1803	Introduction to Digital Photography/Photoshop	3	_____
CIS 1113	A+ Computer Technician I <b>OR</b>		
CIS 2563	E-Commerce and Web Marketing	3	_____
CIS 2433	Back End Programming	3	_____
CIS 2443	Visual Frameworks <b>OR</b>		
CIS/ART 2663	Advanced Web Design	3	_____
CIS 2453	Database Creation/Interaction	3	_____
CIS 2503	Microcomputer Business Applications	3	_____
CIS/ART 2623	Web Design	3	_____
<b>CIS Electives</b> (9 credit hours) from any CIS course			
CIS	_____		_____
CIS	_____		_____
CIS	_____		_____
CIS	_____		_____
CIS	_____		_____

**Program Total 39 Hours**