## 2023-2024 Academic Year

# Web Development
## Certificate of Achievement

**B-STEM Division**
**Business, Science, Technology, Engineering and Math**
609.570.3482 admiss@mccc.edu

The **Web Development** micro-credential program is designed for those who wish to develop entry-level web development skills in a short time. Students learn how to design and build websites and applications, involving both front-end and back-end development. The acquired skills enable successful graduates of the program to become a web application developer.

## PROGRAM OUTCOMES

- Design and create web pages;
- Build web applications with database integration.

Successful completion of credits from this Certificate of Achievement can be applied toward the Mobile and Web Computing certificate. All courses in this program completed with a grade of C or better may be applied toward the Information Technology, Computer Information Systems, or Computer Science degree programs.

Admission to the program requires computer literacy, one year of high school algebra, readiness for college-level English and Math, and approval from the program coordinator. Prior programming experience is helpful but not necessary. Students may receive credit for previous training in a skills area by applying for credit by examination, credit by experience, and/or transfer credit as evaluated and approved by the program coordinator.

Some courses may be offered only during the evening and some only in alternate semesters. It is essential that students plan ahead in consultation with the program coordinator.

**SEE ALSO:**

Computer Information Systems degree program
Computer Science degree program
Computer Science certificate program
Computer Support Specialist certificate program
Database Administration certificate program
Database Concepts and Skills Associate certificate program
Information Technology degree program
Information Technology: Cybersecurity degree program
IT System Analyst Associate certificate program
Mobile and Web Computing certificate program
Oracle SQL Programming and Database Design Specialist certificate program

# CERTIFICATE CURRICULUM

## 2023-2024 Academic Year
**WEB.DEV.CRT**
**CIP 521201**

Credit-bearing certificate programs can serve as gateways to earning an associate degree. Students are encouraged to consult the program coordinator, an academic advisor or Success Coach to explore such opportunities.

| Code | Course (lecture/lab hours) | Credits |
|------|---------------------------|---------|
| IST 108 | Introduction to Programming with Mobile Application Development (3/2) | 4 |
| IST 144 | Website Development (3/2) | 4 |
| IST 244 | Web Application Development (3/2) | 4 |
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