Program Description
The digital media and web technology program is designed for the student who wishes to pursue a career or to continue studies in digital media and web development. This program teaches technologies involved in designing and developing user interfaces, websites, and web applications as well as mobile and web server programming. Students may focus their studies on user interface development, web development, or mobile development or take courses from some or all of the focus areas. The curriculum prepares students for a variety of entry and midlevel positions as user-interface developers, web developers, web designers, digital media, and multimedia specialists.

Program Outcomes
Upon completion of this program a student will be able to:

• Demonstrate solid foundation skills and competency in a range of media, techniques, and knowledge of associated processes used in web and mobile development.
• Demonstrate currency and proficiency in the digital tools employed in web and mobile design and development.
• Create professional quality websites or mobile applications that comply with current web standards and are representative of the material and techniques studied.
**Suggested Course Sequence**

A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

**First Semester**

ENGL 101 - Introduction to College Writing 3 semester hours *

Mathematics Foundation 3 semester hours (MATF)

ARTT 116 - Digital Tools for the Visual Arts 4 semester hours (GEEL)

OR

GDES 116 - Digital Tools for the Visual Arts 4 semester hours (GEEL)

CMSC 100 - Fundamentals of Computer Programming 2 semester hours †

Arts or Humanities Distribution 3 semester hours (ARTD or HUMD)

**Second Semester**

English Foundation 3 semester hours (ENGF)

TECH 272 - Professional Website Development 4 semester hours

Behavioral and Social Sciences Distribution 3 semester hours (BSSD)

Program Elective 4 semester hours ‡

**Third Semester**

TECH 273 - Advanced Professional Web Technologies 3 semester hours

TECH 274 - Web Content Management Systems and Strategy 3 semester hours

TECH 276 - JavaScript Fundamentals 3 semester hours

Natural Sciences Distribution with Lab 4 semester hours (NSLD)

Program Elective 3 semester hours ‡

**Fourth Semester**

TECH 299 - Web Certificate/Degree Portfolio 3 semester hours

Program Electives 12 semester hours ‡

**Total Credit Hours: 60**

* ENGL 101/ENGL 101A, if needed for ENGL 102/ENGL 103, or elective.


† CMSC 100 is designed for students new to computer programming. Successful completion of CMSC 140 is necessary for Mobile Development courses.

This degree is a career program and may not readily transfer to four year colleges/universities (except in special cases.) Visit transfer planning for more information. This program is designed to be completed in 60 credits. If a student elects to take electives that create a program total exceeding 60 credits, they should do so under advisement.