Creative Arts, Design & Media Academic & Career Pathway

# Front-End Web Developer

PROGRAM CODE: **31-206-1**

**TD**

Technical Diploma



**Location:** Downtown Milwaukee Campus, Online Campus

**Start Dates:** August and January

**Admission Requirement:** High school diploma or GED and demonstration of basic computer skills in operating systems, word processing and the internet

**Financial Aid Eligible:** Yes.
Apply at fafsa.gov. Use School Code 003866.
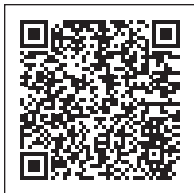
## Program Description

To prepare for this field's ever-changing technology, you will attain in-depth skills in web design, design tools and web development languages. Coursework includes web marketing and the designing and publishing of several websites using multiple web development languages.

## Career Outlook

Demand for web designers and web developers is growing steadily as more businesses and organizations rely on functional and flexible websites.

## Program Learning Outcomes

- Design websites or applications.
- Utilize essential data technologies.
- Develop user interfaces.

| COURSE | | CREDITS |
|---|---|---|
| **ENG-195** | Written Communication ‡ | 3 |
| | (or) ENG-201 English 1 ‡ | |
| **ITDEV-117** | Logic and Problem-Solving | 3 |
| **MKTG-165** | Digital Marketing | 3 |
| **WEBDEV-102** | Introduction to Digital Media | 3 |
| **WEBDEV-114** | Web Development With HTML/CSS | 3 |
| **WEBDEV-119** | Web Design Overview ‡ | 3 |
| **WEBDEV-123** | Interactive Design ‡ | 3 |
| **WEBDEV-124** | Database Web Design With PHP and MySQL ‡ | 3 |
| **WEBDEV-133** | Content Management Systems ‡ | 3 |
| **WEBDEV-134** | Responsive Web Design ‡ | 3 |
| | (or) WEBDEV-132 Rich Media for the Web ‡ | |
| **WEBDEV-140** | Web Development With JavaScript and jQuery ‡ | 3 |

**CREDITS**
Total credits needed to complete this diploma

**33**

‡ Prerequisite required.
Program curriculum requirements are subject to change.
**Current MATC students should consult their Academic Program Plan for specific curriculum requirements.**



**Complete Program Details**
**QUESTIONS?** 414-297-6004 or creativeartspathway@matc.edu