



## Web Programming and Development

903 Hours



663 Lab and Lecture Hours

240 Hour Externship

This program is designed to give students the skills needed to be a Junior-Level Web Developer. In collaboration with Xactware, the curriculum has been written by developers from Xactware, as well as the instructors in the MATC program.

### Program Training Focus

Students, in collaborative teams, will work on realistic industry projects for the classroom portion of program.

#### Front-End Development, including:

IDE, Basic OS, Source Control, HTML, CSS, Bootstrap, and Troubleshooting; while focusing primarily on JavaScript, and Angular JS

#### Back-End Development, including:

Database, Back End Servers, LESS/CSS, Hosting, Deployment, Security, and Automated QA

#### XACTWARE Externship:

Students will be paired with industry developers from Xactware and are given opportunities to apply their newly developed programming skills while working in a real-world software development environment. Best of all, students will build a project that they can share with prospective employers, to show that they can build sustainable, working code.

Demand for **Angular JS** has increased **240%** over the past 2 years

**Utah** is **#1** in the nation for job growth

Web Development jobs to **grow 22%** over the next 10 years

The **job gap** (more jobs than workers) is felt acutely **in Utah**

XACTWARE.

