The Anoka Technical College Web Design and Development diploma is a 57-credit program designed to prepare graduates to successfully compete for high-paying, rewarding careers in the high demand IT fields both today and in the future. This unique program allows technical specialization in Web Design and Development while the common core courses and required electives from other options build a broad IT foundation needed to understand the terminology and methodologies of other IT specialties in the workplace.

The Anoka Technical College Web Design and Development graduate will be a specialist in one of the areas of emphasis in Information Technology and will also have a broad IT foundation needed to understand the terminology and methodologies of other IT specialties in the workplace. Web Developers are responsible for front and back-end web development. On the front-end, the web developer uses a combination of HTML, CSS, and scripting languages to build everything a user sees and interacts with on a website. On the back-end, they develop the application and interact with the server and database that make up the foundational structure of an interactive website using various web technologies.

The program requirements were determined through consultation with employers, those working in the industry, technical training professionals, and those currently seeking training and retraining for IT careers. Graduates will be encouraged to take advantage of access to corporate recruitment and IT recruiting firms. Internships and work-study positions will also be available. The IT graduate will be highly employable.

By completing this program, students will achieve the following learning outcomes.
1. Apply critical thinking skills in the identification, analysis and resolution of information technology problems.
2. Exhibit interpersonal skills and a professional attitude while working in an information technology environment.
3. Clearly express ideas and information in written and spoken form.
4. Analyze, design and document system specifications to meet client needs.
5. Apply project management techniques to solve business problems.
6. Collaborate with a team to design and develop customer software-based solutions and integrate them into the user environment.

Some courses may require appropriate test score or completion of basic math, basic English and/or reading courses with a “C” or better.
- BDAT 1005, ITEC 1003, ITEC 1011, ITEC 1016, and TLIT 1005 are first semester courses and prerequisite to other courses in this major.

Wage information is available from the Minnesota Department of Employment and Economic Development.