

BACHELOR OF SCIENCE



COMPUTER SCIENCE WITH A CONCENTRATION IN WEB DESIGN

Tiffin University's web design concentration is designed to provide students the practical knowledge and real-world concepts to assimilate and deploy modern websites and web applications. Combined with TU's computer science core, the web design concentration provides students with the computer science knowledge they need to build robust websites for desktop and mobile devices. Students will learn to follow industry protocols and to use modern programming languages, database structures and frameworks to deploy, maintain and create websites and applications. Students will have the opportunity to earn a number of industry certifications including the MCSA: Web Applications (Microsoft Certification). Many of these certifications can be tested for on-campus at Tiffin University.

Employment of web designers is projected to increase as e-commerce continues to grow. According to the U.S. Bureau of Labor Statistics (BLS), the number of web designer jobs will grow over 200% faster than the national average in 2018 through 2028, and, per CNBC, there are over 700,000 open jobs in tech, most of which require a technically focused skillset. The median salary for web designers is \$69,430, which is over 175% of the national average. Web designers can work in many different areas. They can be self-employed, work in consulting, and medium to large size organizations. The field can be limited to basic design, or expand into marketing, advertising and publishing.

Students will learn how to design a responsive website, which will auto adjust on desktop computers, tablets and mobile devices.

Computer Science Core: 48 hours

- MKT151 Introductory Marketing
- CST155 Introduction to Operating Systems
- ACC210 Financial Accounting
- MGT201 Management of Organizations
- CST201 Introduction to Programming
- LAW211 Business Law I
- ECO222 Principles of Microeconomics
- CST230 Networking Fundamentals
- CDS244 Cyber Security
- CST280 Database I
- CST285 Spreadsheets and Analytics
- FIN301 Business Finance
- CST412 IT Project Management
- CST460 Research in Computer Science
- CST470 Internship
- MGT495 Organizational Strategy

Web Design concentration: 21 hours

- ART325 Graphic Design
- CST255 Internet and Website Development
- DMD320 Web Design
- DMD134 Introduction to Digital Media
- WDM I User Experience I - Understanding the User Experience (RIZE*)
- WDM II User Experience II - Building Compelling User Experience (RIZE*)
- WDM III User Experience III - Capstone Project - Goal Oriented Web Design (RIZE*)

*Tiffin University partners with RIZE, a higher education company that provides and shares innovative academic classes in high-demand majors, minors and certificates in the fastest-growing fields.



Tiffin University

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