

WEB PROGRAMMING/ COMPUTER PROGRAMMING CERTIFICATE

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The Web Programming/Computer Programming certificate is designed to teach students how to develop a website for the internet or intranet including web design, web content development, web server, and network security configuration. With this certificate, students will be equipped with the skill of creating presentations of context that can be delivered to an end-user through the World Wide Web or other web-enabled software, such as microblogging clients and RSS readers.

Web/Computer Programming Major

Program Learning Outcomes


Upon completion, the student will be able to:


1. Develop sound logic and programming skills that can be applied to multiple languages.
2. Create business solutions using the latest programming languages.
3. Design and develop mobile applications.
4. Solve logical problems using selections, loops, polymorphism, or data structures using various programming languages.
5. Evaluate software problems, plans, and solutions for correctness and appropriateness.

Technical Standards

See here for details.

First Year

Fall		Hours
CPT 1050	Technology Basics for IT Pro	3
CPT 1110	Introduction to Programming Logic and Design	3
CPT 1120	Introduction to VB Programming	3
CPT 2321	C# Programming and .NET5	3
CPT 2750	HTML and CSS	3
Term Hours		15
Spring		
CPT 2130	JavaScript Programming	3
CPT 2210	Systems Analysis and Design	3
CPT 2350	Database Programming	3
CPT 2400	 Special Topics in IT	3
CPT 2500	iOS Mobile Applications Development	3
Term Hours		15
Total Hours		30

 The ePortfolio requirement has been phased out and the ePortfolio indicators are being removed from the site.

 Capstone