



Division of Science, Technology, Engineering and Mathematics

Web Developer Certificate

This program prepares students to develop both client and server side of a web site application. Students acquire skills and knowledge to create database driven web sites using scripting to create user-friendly, interactive, and dynamic web sites.

Successful graduates of this program will be able to:

1. Use knowledge of computing, web page development, and scripting language to implement aesthetically enticing web pages;
2. Design, organize, and create interactive web sites and forms, which capture and validate user input, while keeping web design fundamentals and W3C (World Wide Web Consortium) standards in mind and maintain consistency of the web content;
3. Use, design, and create a database system for a given organization;
4. Create, test, and troubleshoot database-driven web sites that retrieve, integrate, and present database content required by the web site, using professional and current web development tools;
5. Design, maintain, and manage a small network of computers using a working knowledge of computer networks and data transmission protocols;
6. Apply project management skills, by coordinating tasks, assigning resources, and tracking cost in order to develop a project schedule using up-to-date and current project management tool.