



Division of Science, Technology, Engineering and Mathematics

Web Designer Certificate

This program introduces students to web site application development using professional authoring and scripting tools while focusing on mainly on the client side. Students acquire skills and knowledge in visual arts and image creation that allows them to design and develop sites based on users' (client) interests, requirements, and preferences.

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. Capture, edit, and create digital images to be used for visual communication, using digital arts, graphic design, color, and basic image controllers;
3. Design and create dynamic content such as: multimedia presentation/communication, digital images and videos, animation, and sound effects for web pages;
4. 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;
5. Design, maintain, and manage a small network of computers using a working knowledge of computer networks and data transmission protocols;
6. Work effectively as a team member or as a lead on web design projects.