

COMPUTER AND INFORMATION SCIENCES: CLIENT-SIDE WEB PAGE DEVELOPMENT (CERT)

CERTIFICATE OF ACHIEVEMENT

Upon completion of the client-side Web page development certificate of achievement, students will be able to use their cutting-edge skills to gain entry-level jobs, and use the certificate for professional growth, salary increases, job promotions, or career changes in the area of information technology.

Program Student Learning Outcomes

- Become familiar with graphic design principles that relate to web design and learn how to implement theories into practice.
- Plan, design, and construct web sites to work properly in modern web browsers, conforming to web standards while following best practices.
- Develop, implement, and deploy a web application using HTML, CSS3, JavaScript, and jQuery.
- Use client-side services to interact with web-based server-side APIs.

Program Requirements

Code Number	Course Title	Units
Division/Department Requirements		
CIS 103	Computer Programming Logic	3.5
or CIS 180	Programming in C/C++	
or CIS 181	Python Programming	
or CIS 183	Java Programming	
CIS 160	Web Page Development	3.5
CIS 162	HTML and CSS	3.5
CIS 164	JavaScript Programming	3.5
ART 192	Photoshop/Digital Imaging	3.0
Total Units		17