CERTIFICATE
COMPUTER & INFORMATION TECHNOLOGIES
WEB PROGRAMMING

Program Description

The Web Programming Certificate offers students the opportunity to earn a credential demonstrating web programming competencies. This certificate consists of the core skills that students need to effectively develop websites using web programming. In addition, this certificate will provide a way for professionals currently in the industry to update their web programming skills and for new students to show progress in the CIT program.

List of Colleges

Ashland Community & Technical College, Big Sandy Community & Technical College, Bowling Green Technical, College, Bluegrass Community & Technical College, Elizabethtown Community & Technical College, Gateway Community & Technical College, Hopkinsville Community College, Hazard Community & Technical College, Jefferson Community & Technical College, Madisonville Community College, Maysville Community & Technical College, Owensboro Community & Technical College, Southeast Kentucky Community & Technical College, Somerset Community College, West Kentucky Community & Technical College offer this certificate.

One of these colleges must be designated as your Home College. Even though the classes will be delivered by different KCTCS colleges, the Home College will admit you and take care of all of your student service needs including advising, library services, billing, financial aid, etc.

Getting Started

Students may register for KCTCS online classes offered system wide directly at any KCTCS college. Individuals may also complete a "course inquiry" submit form through www.kyvc.org. KYVC course inquiries are submitted directly to the KCTCS Home College identified by the student. The student's chosen Home College processes the course inquiry either through formal admission procedures or class enrollment. Additional information about KCTCS admission requirements and college contacts may be accessed at http://www.kctcs.edu/en/Students/LearnByTerm.aspx.

Certificate: Web Programming

Upon completion of this program, the graduate can:

1. Use HTML and CSS in page layout.
2. Utilize principles of graphic and content creation for online media.
3. Design and develop integrated web database applications such as inventory, billing, and shipping.
4. Design and develop programs using primitive data types in a web programming language.
5. Create interactive web pages utilizing client-side and server-side scripting.

Course Requirements

Here is a listing of the classes involved in this certificate. There may be additional courses that meet these requirements. Please check the current course catalog and online class schedule for additional information and offerings. The entire Associate in Applied Science degree may be completed online; however, some faculty may require proctored exams. Approved proctored sites are listed at http://www.kctcs.edu/en/Students/LearnByTerm.aspx under student services.

Web Programming

		Program Title: Web Programming	
Course Prefix	**Course Number**	**Course Title**	**Credit Hours**
CIT	120	Computational Thinking	3
CIT	150	Internet Technologies	3
CIT	155	Web Page Development	3
CIT	157	Web Site Design and Production	3
CIT	171	SQL I	3
CIT	253	Data-Drive Web Pages: Topic	3
		Approved Level I Web Programming Language	3
		Approved Level II Web Programming Language	3
		Total	**24**

Helpful Links

APPLICATION: http://www.kctcs.edu/students/admissions/apply_online.aspx
CALENDAR: http://www.kctcs.edu/Students/LearnByTerm/Calendar.aspx
CONTACTS: http://www.kctcs.edu/Students/LearnByTerm/Learn_By_Term_Advisors/College_Contacts.aspx
COURSES: http://www.kctcs.edu/Students/LearnByTerm/Online_Courses.aspx
FINANCIAL AID: http://www.kctcs.edu/Students/Costs_and_Financial_Aid.aspx
GETTING STARTED: http://www.kctcs.edu/Students/LearnByTerm/Getting_Started.aspx
STUDENT TUTORIAL: http://www.kctcs.edu/Students/LearnByTerm/Tutorials.aspx
KCTCS COURSES AVAILABLE AT KYVC: http://kyvc.org/

Dates of Actions:

Revisions: December 2008, October 2010, August 2011, December 2011, April 2012