

Web Developer and Administrator Certificates



A KCTCS Institution

This program is designed for persons currently in the workforce who desire to upgrade their skills or acquire new skills in the fields of web development and administration. Upon completion of the certificate the graduate will be qualified to take industry designed and recognized certification examinations. Employment opportunities include entry-level positions to develop, implement, manage and maintain web sites.

This workforce certificate program assumes that students entering this program possess math and writing skills necessary for the program's course-work. Students entering the program will take a placement test, and may be required to take developmental course-work in the areas if indicated by the placement tests.

Students entering this program will need to have basic computer skills such as would be obtained through the CIS 100 course (Introduction to Computers) or equivalent.

Web Administrator– 24 hours

Academic Plan Code 1101013159

- NIS 160 *Networking Core Technologies*
- ET 232 *Software Maintenance* **OR** CIS 110 *Operating Systems Concepts*
- ET 234 *Hardware Maintenance*
- IT 132 *Web Page Development*
- NIS 150 *Introduction to Perl Scripting*
OR NIS 152 *Introduction to Javascript*
- NIS 275 *Internet Servers Administration*
- Technical Electives (6 credit hours)

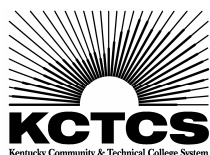
Web Site Developer– 34 hours

Academic Plan Code 1101013169

- CIS 120 *Program Design and Development*
- IT 130 *Web Site Design and Production*
- IT 132 *Web Page Development*
- IT 170 *Introduction to Database Design*
- IT 230 *Advanced Web page Design*
- IT 235 *Data-Driven Web Design*
- Programming Languages (9 credit hours)
- Technical Electives (6 credit hours)

Technical Elective Courses:

- IT 134 *Macromedia Flash*
- IT 147 *SQL*
- IT 236 *Active Server Pages*
- IT 240 *XML*
- IT 270 *Database Systems - Implementation & Management*
- NIS 211 *Administering Microsoft Windows Professional*
- NIS 213 *Administering Microsoft Windows Server*
- NIS 246 *Microsoft SQL Server System Administration*
- Programming or Scripting Language (must be different than programming language in certificate)
- Other technical courses approved by the Program Coordinator



For additional information about this degree contact
Prof. Bruce Jost—IT Program Coordinator
(502) 213-7264 Bruce.Jost@kctcs.edu.
www.jefferson.kctcs.edu