

Database Web Programmer 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 database web programming. 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 database systems as interfaced with the web.

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 are also assumed to possess fundamental knowledge of industry-standard microcomputer operating systems, application software, computer program design and development techniques, and at least one programming language.

Database Web Programmer Oracle— 27-28 hours

Academic Plan Code 1101013099

- IT 170 *Introduction to Database Design*
- IT 147 *SQL Programming*
- IT 272 *Oracle Database Fundamentals I*
- CIS/BA 151 *Introduction to Electronic Commerce*
- IT 132 *Web Page Development* **OR** IT 130 *Web Site Design and Production*
- IT 230 *Advanced Web page Design*
- IT 235 *Data-Driven Web Design*
- IT 291 *E-Commerce Practicum: Site Implementation*
- Programming Language (scripting preferred)

Database Web Programmer Microsoft— 27-28 hours

Academic Plan Code 1101013119

- IT 170 *Introduction to Database Design*
- IT 147 *SQL Programming*
- NIS 246 *Microsoft SQL Server Administration*
- CIS/BA 151 *Introduction to Electronic Commerce*
- IT 132 *Web Page Development* **OR** IT 130 *Web Site Design and Production*
- IT 230 *Advanced Web page Design*
- IT 235 *Data-Driven Web Design*
- IT 291 *E-Commerce Practicum: Site Implementation*
- Programming Language (scripting preferred)



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