

Web/Database Programmer Certificates

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/Database Programmer— 24-25 hours

- IT 170 *Introduction to Database Design*
- IT 147 *SQL Programming*
- IT 270 *Database Systems – Implementation & Management*

Server Administration Course:

- NIS 213 *Microsoft Windows Server* OR
NIS 230 *UNIX Administration*

Database Administration Course:

- NIS 246 *Microsoft SQL Server Administration Topic* OR
IT 272 *Oracle Database Fundamentals I* OR
IT 266 *Open Source Database Administration Topic*

Web/Database Programming Courses:

- 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* OR IT 236 *Active Server Pages* OR Functionally equivalent course approved by Program Coordinator



For additional information contact
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