

IT-Database Management Certificate



The development of new information technologies has created a demand for highly trained specialists who can develop and support the Internet and intranet applications. As more organizations use the Internet to conduct their business online, new systems must be analyzed and new data must be administered and managed. The spread of new technologies has resulted in a need for information technology specialists knowledgeable about computer networks and database management. According to the U.S. Department of Labor, employment in these areas is expected to increase much faster than the average as organizations continue to adopt increasingly sophisticated technologies.

As the Internet and electronic business generate large volumes of data, there is a growing need to be able to store, manage, and extract data effectively. Database administrators work with database management software and determine ways to organize and store data. They identify user requirements, set up computer databases, and test and coordinate modifications to computer database systems. They also ensure the performance of the system, are knowledgeable about the platform the database runs on, and may plan and coordinate system security measures. Database administrators may be employed by Internet service providers, or data processing, hosting, and related services firms.



Certificate Courses

CORE COURSES:

10-152-115

Database Fundamentals (3 credits)

10-152-125

Database Design & Implementation (3 credits)

10-152-142

SQL Programming (2 credits)

10-801-195

Written Communications (3 credits)

OR

10-801-196

Oral/Interpersonal Communications (3 credits)

A minimum grade of a "C" is required in all classes.

For more information:

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