

*"Data is the new science.
Big Data holds the answers."*

- Pat Gelsinger, CEO of VMWare

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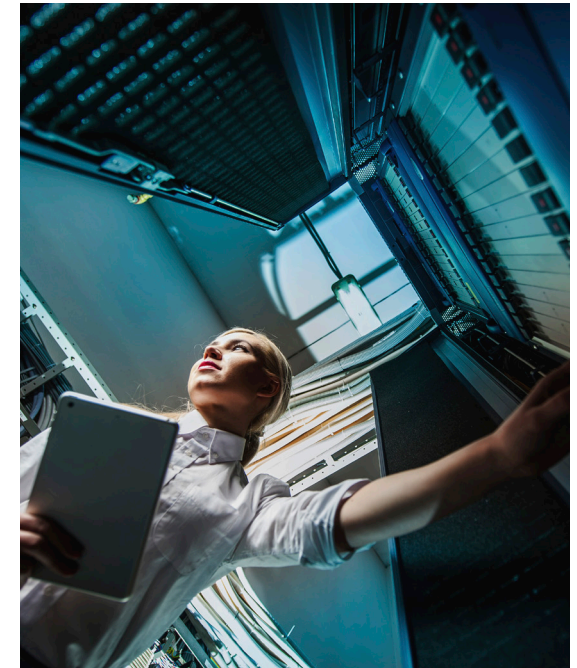


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Bunker Hill Community College

Data Management

(Fast-Track) Certificate Program



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Data Management (Fast-Track) Certificate Program

Be a part of something big. With more and more companies and organizations relying on data to make informed decisions on their business needs, data management professionals are in high demand. According to global consulting firm A.T. Kearney, more than 200,000 entry-level jobs and 1.5 million managerial jobs will be created in the field over the next few years. The five courses that make up the Data Management (Fast-Track) Certificate Program will prepare you for an entry into one of the fastest-growing and high-demand fields in the industry.

This fast-track certificate is a popular option for working professionals interested in learning the basics of data management, and is also ideal for students pursuing degrees in fields like mathematics, business and information technology.



Program Overview

This program prepares students to become database and spreadsheet support technicians who work with users to identify their needs and design and program reports and forms to meet those needs.

Program Courses

CIT113	Information Technology Problem Solving
CIT137	Introduction to Big Data with R and R-Studio
CIT162	Introduction to Networking
CIT236	SQL Programming
CIT234	Decision Support Using MS Excel

Graduates will be able to:

- Design and code complex queries.
- Find databases and convert the data into readable and analyzable formats.
- Support Excel functions and databases.
- Support basic data gathering and manipulation with R programming.



Course Spotlight: Introduction to Big Data

This course provides an introduction to big data and the Data Analytics Lifecycle to address business challenges that leverage big data. The focus is on questions more than answers. "The course is about looking at data in a new way and learning how to think critically about why things are the way they are," says Assistant Professor Michael D. Harris, who teaches the course. Students discuss current, real-world events and learn about various tools and methods to apply critical analysis to their findings.