

Information Technology Certificate

Database Design

Course #	Course Title	Credits	Prerequisites	Semester Offered	Semester Taken	Grade Earned
GIT102	Computer Keyboarding (or) 30wpm	1	None	Fall, Spring		
GIT110	Microcomputer Application Software	3	ENL020 & ENL050 or satisfactory basic skills assessment score & (GIT101, GIT102 or 30wpm)	Fall, Spring, Summer		
BIT175	Visual Basic Programming	3	(MAT030 or MAT035) or satisfactory basic skills assessment score & GIT110	Fall, Spring		
GIT150	Database Applications	3	GIT108 or GIT110 or equivalent skill level in Windows	Fall, Spring		
BIT250	Database Design & Development	3	GIT150	Fall		
BIT277	Visual Basic for Database Development	3	BIT175 & GIT150	Varies		
BIT253	Advanced Topics in Database with SQL	3	BIT250 & BIT175	Spring		
Total Credits		18/19				

Overview

Students learn how to design, develop, and implement small to medium-sized databases using current technologies in Database Management Systems (DBMS).

Career Outlook

This occupational profile is provided by O*NET.
www.onetonline.org/find/quick?s=Database+Design

Gainful Employment

[The Gainful Employment Program Regulations](#) provide students with the information they need to make informed educational choices including total program costs, loan repayment rates, and career outlooks.