

# 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	GIT102 or equivalent, ENL020 & ENL050 or satisfactory basic skills assessment score	Fall, Spring, Summer		
BIT175	Visual Basic Programming	3	MAT030 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.  
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