Computer Database Management Certificate
PROFESSIONAL TECHNICAL
2014-2015 Certificate Requirements

Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	102	Programming Fundamentals	5		
CS	106	Database Systems	5		
CS	117	Computer Ethics **or**	2		
CS	118	Customer Service	3		
CS	140	SharePoint	5		
CS	202	Programming Fundamentals 2	5		
CS	206	Database Design	5		
CS	221	SQL Server Administration	5		
CS	225	SQL Server Programming	5		
CS	228	Windows Server	5		

Total Credits Required   42-43

Students who complete this certificate will be able to develop logical data models, code SQL statements, create physical databases, manage and maintain databases, and install and configure SQL server. Students will also have the skills to develop information-based systems with Graphical User Interfaces that interface with SQL server and other relational database management systems. Career opportunities: data technician, data analyst, and SQL programmer.