



**Career and Technical Education Pathway
Business and Hospitality Education
Computer Technologies**

Database Management Certificate

In the Database Management Certificate program, students will learn how to design, manipulate and update databases using a variety of database programs. Upon completion of the certificate students should be able to write programs which create, update and produce databases, tables and reports representative of industry standards.

CORE COURSES			
Course Prefix/Num	Course Title		
<u>CIS 115*</u>	Introduction to Programming and Logic	3	SHC
<u>DBA 110</u>	Database Concepts	3	SHC
<u>DBA 120</u>	Database Programming	3	SHC
<u>DBA 210</u>	Database Administration	3	SHC
Total SHC for Core Courses:		12	SHC
OTHER MAJOR COURSES			
Course Prefix/Num	Course Title		
<u>WEB 115</u>	Web Markup and Scripting	3	SHC
<u>WEB 182</u>	PHP Programming	3	SHC
Total SHC for Other Major Courses:		6	SHC
Total SHC for Program		18	

* Requires benchmark/placement test scores

Estimated Costs:

Textbooks: \$125-250 a semester