

 	<b>CAREER ENHANCEMENT CERTIFICATE</b> <b>COMPUTER PROGRAMMING AND DATABASE</b> <b>– MICROSOFT SQL SERVER</b>	<b>2024-25 Catalog</b> Effective Summer 2024
	<i>The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.</i>	<b>5206</b>

*Business, Engineering, and Information Technologies Division    Computer Science and Information Systems Department*

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
CPD121	Data Modeling and Database Design <sup>^</sup>	3	(IDS102 or Proficiency) <b>and</b> (ITD100 or Proficiency)	
CPD123	Structured Query Language	3	CPD121	
CPD224	Advanced Microsoft SQL Server Database	3	CPD123	
	<b>TOTAL CREDIT HOURS</b>	<b>9</b>		

### STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

First Semester

CPD121      Data Modeling and Database Design<sup>^</sup>

Credit Hours

3  
3

Pre- and Co-requisites

(IDS102 or Proficiency)  
**and** (ITD100 or Proficiency)

Second Semester

CPD123      Structured Query Language

3  
3

CPD121

Third Semester

CPD224      Advanced Microsoft SQL Server Database

3  
3

CPD123

**TOTAL CREDITS**

**9**

<sup>^</sup>Based upon SSC placement score

*The classes in this certificate also apply toward the completion of a Data Analytics One-Year Certificate (5014), a Database Systems One-Year Certificate (5204) and a Computer Technology Degree (5000).*