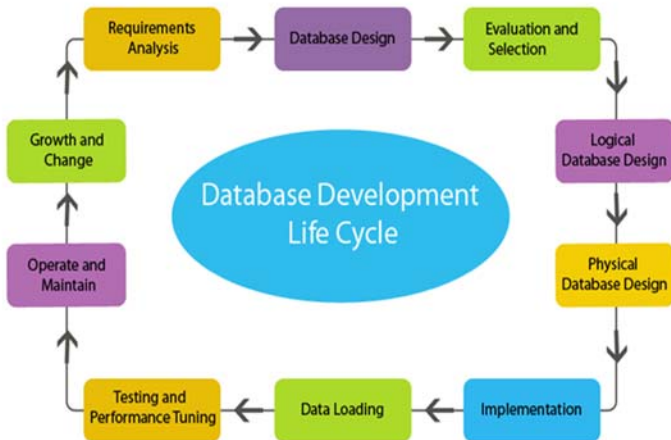


Associate in Applied Science

## Information Technology (A25590D)

Concentration in Database Development/Business Intelligence



### Overview

The A25590D degree prepares graduates for employment with organizations that analyze, manage, and present data for variety of purposes. The curriculum also provides a foundation for professional certification in ORACLE and Microsoft SQL Server database programs.

### Employment Outlook

(Please note: CPCC does not guarantee employment.)

- IT Technical Support
- Data Analyst
- Database Developer/Designer
- Report Developer

Total Credit Hours: 72

### Recommended Plan of Study

#### Semester 1

		Class	Lab	Credits
CTI 110	Web, Programming & DB Found.	2	2	3
CTI 120	Network & Security Found.	2	2	3
CTI 130	OS and Device Foundations	2	4	6
CTS 115	Info Sys Business Concepts	2	0	3
MAT 143	Quantitative Literacy	3	2	3
OR				
MAT 152	Statistical Methods 1	3	2	4
OR				
MAT 171	Pre-calculus Algebra	3	2	$\frac{4}{18}$

#### Semester 2

CIS 115	Intro. to Programming & Logic	2	3	3
OR				
CSC 120	Programming Fundamentals I	3	2	4
OR				
CSC 143	Object Oriented Programming	2	3	3
DBA 110	Database Concepts	2	3	3
DBA 112	Database Utilization	2	2	3
ENG 111	Expository Writing	3	0	$\frac{3}{12}$

#### Semester 3

COM 231	Public Speaking	3	0	3
ENG 114	Prof. Research & Reporting	3	0	3
OR				
ENG 112	Writing/Research in the Disc	3	0	$\frac{3}{9}$

#### Semester 4

CSC 152	Statistical Analysis (SAS)	2	3	3
DBA 210	Database Administration	2	3	3
DBA 120	Database Programming I	2	2	3
CIS 110	Introduction to Computers	2	2	$\frac{3}{12}$

#### Semester 5

CTI 289	CTI Capstone Project	1	6	3
CTS 240	Project Management	2	2	3
DBA 125	Database Reporting	2	2	3
DBA 220	Oracle Database Programming II	2	2	3
DBA 285	Data Warehousing & Mining	2	2	$\frac{3}{15}$

#### Semester 6

	Humanities/Fine Arts Elective*			3
	Social/Behavioral Sciences Elective*			$\frac{3}{6}$

\*Must choose from the approved General Education list. See catalog for more details.

Note: Many courses are offered in short session formats. Check schedule for offerings.

Updated: 11/2018, Catalog Year 2018

For more information:  
Contact [ITinfo@cpcc.edu](mailto:ITinfo@cpcc.edu)  
Or call 704.330.6549



Get There.

CENTRAL PIEDMONT COMMUNITY COLLEGE