



Database Specialist Certificate

2018–2019

DESCRIPTION:

The Database Specialist Certificate provides students with a foundational, working knowledge of database design and management as well as data acquisition and processing techniques. Course topics include database design and usage, data mining, business analysis, and other fundamentals. Students learn in an active laboratory environment led by faculty current in industry standards and practices. For more information, see csc.ccc.edu/computerscience.

The Database Specialist Certificate is designed for students working in IT who wish to expand and update their skills.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program.

ONGOING REQUIREMENTS:

Students must achieve the College's minimum GPA.

OPPORTUNITIES FOR GRADUATES:

Career:

The Database Specialist Certificate qualifies students for positions in database administration and data processing in a variety of business and industry settings.

Transfer:

Courses in the Database Specialist Certificate can be applied to the Computer Science Management Information Systems A.A.S. degree.

CERTIFICATE REQUIREMENTS (DATABASE SPECIALIST CERTIFICATE):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
CSCI 1275 Business Analysis with Agile Development Frameworks	AU/SP	3	
CSCI 2325 Expert Access	AU/SP/SU	3	
Semester Credits		6	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2370 Database Systems Programming	AU/SP/SU	3	
CSCI 2412 Web Database Development	AU/SP	4	
Semester Credits		7	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1620 Visual Basic I	AU/SP	3	
CSCI 2371 Database Administration & Data Mining	AU	4	
Semester Credits		7	
Total		20	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.