

**Central Carolina Community College  
Program Planning Guide**

**Computer Information Technology  
Credential: Certificate in Database Programming C25260DP**

Students will solve business computer problems through programming techniques and procedures, using appropriate languages and software. The primary emphasis of the curriculum is hands-on training in programming, database design, database application, and related computer areas that provide the ability to adapt as information systems evolve.

Graduates should qualify for employment in business, industry, and government organizations as entry-level programmers, programmer trainees, software developers, database developers, software specialists, or information managers.

Program Length: 2 semesters

Career Pathway Options: Associate in Computer Information Technology

Program Sites: Lee Campus - Day Program and Selected Evening Courses

Course Requirements for Database Programming Certificate

		C-L-SHC
CIS 110	Introduction to Computers	2-2-3
CIS 115	Introduction to Programming and Logic	2-3-3
	Programming Elective	2-3-3
DBA 110	Database Concepts	2-3-3
DBA 120	Database Programming I	2-2-3
Programming Elective (Choose 3 SHC)		
CSC 134	C++ Programming	2-3-3
CSC 139	Visual Basic Programming	2-3-3
CSC 151	JAVA Programming	2-3-3

Total Semester Hours Credit: 15