

## CERTIFICATE PROGRAM

### Danville Area Community College 2021-2022

# Computer Programming

## Certificate Program

The certificate program in Computer Programming/PC Systems prepares the students for employment as computer programmers. Topics include C++ and C#.

REQUIRED COURSES	HOURS	F,S,I,SU	GRADE
CBUS 150 Business Computer Systems	3		
CSCI 100 Concepts in Programming: C++	3		
INFO 153 A+ Software Preparation	3		
CSCI 200 Advanced C++ Programming (pre: CSCI 100 with a C or higher)	3		
CSCI 102 Intro to C# Programming (pre: CSCI 100)	3		
INFO 174 Intro to Web Design: HTML5/CSS3	3		
CSCI 103 Intro to Java	3		
MATT 133 Technical Mathematics (pre: MATT 132 or Placement Exam)	4		
ENGL 121 Communication Skills	3		
Total	31		

Many INFO course numbers have changed to CSCI numbers. Please note if you have already taken the INFO course you do not need to retake the CSCI course of the same name.

OLD #	NEW #	Course Title
INFO 135	CSCI 100	Concepts in Programming: C++
INFO 154	CSCI 200	Advanced C++ Programming (pre: CSCI 100 with a C or higher)
INFO 165	CSCI 102	Intro to C# Programming (pre: CSCI 100)
INFO 232	CSCI 103	Intro to Java
INFO 237	CSCI 203	Advanced Java
INFO 243	CSCI 202	Advanced C# Programming
INFO 270	CSCI 151	DataBase Design Principles
INFO 285	CSCI 150	DataBase Concepts: SQL

+Knowledge of keyboard or enrollment in BOFF 114 is encouraged.

Enrollment in developmental classes may increase the length of time it takes to complete an associate degree.

Gainful Employment:

For program costs, completion and graduate information see

<https://www.dacc.edu/assets/pdfs/cguides/2021-2022/GEA/ComputerProgramming.pdf>