Computer Programming/Web Design

The Computer Programming course is offered during the afternoon College Express. From Windows to Webpages, from flowcharts to files ,students will learn the language to design and code for the world wide web.

Students enrolled in Computer Programming could earn college credit during high school and will take the following classes if they complete both years of the program:

CSCI 100 Concepts in Programming C++ (Fall 19) 3 Hours

Introductory course in the procedural based computer programming language C++. Programming principles and constructs such as variables, expressions, decision statements, loops, functions, arrays, and file operations will be covered.

CSCI 102 Intro to C# (Fall 20) 3 Hours

Introductory course in the windows form based computer programming language C#. Programming principles and constructs such as variables, expressions, decision statements, loops, methods, arrays, lists, and file operations will be covered. Creating a graphical user interface in the form of windows based forms will also be covered.

CSCI 200 Advanced C++ (Spring 20) 3 Hours

Advanced course in a procedural based computer based programming language. Programming principles and constructs such as sort/search algorithms, pointers, string/character processing, and structures will be covered. Also includes an introduction to object-oriented programming in the form of classes and UML documentation. Prerequisite CSCI 100 with a C or higher.

CSCI 202 Advanced C# (Spring 21) 3 Hours

Advanced course in a windows form based computer programming language. Programming principles and constructs such as classes, multi-form projects, inheritance, polymorphism, and database connection will be covered. Utilizing an online code repository will also be covered. Prerequisite CSCI 102 with a C or higher.

Education for Employment 400

VVEDS

Vermilion Vocational Education Delivery System

COLLEGE Express

DACC · VVEDS

Danville Area Community College

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