**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**INFORMATION TECHNOLOGY/**

**VISUAL BASIC PROGRAMMING CERTIFICATE (C25590C6)**

Effective: Fall 2021

Revised: 12/18/20

The Visual BASIC programming certificate is designed to prepare individuals for employment as programmers in Visual BASIC through study and applications in computer concepts, logic, and programming procedures using the Visual BASIC programming language.

Students will solve business computer problems through programming techniques and procedures using the Visual BASIC language.

Upon completion of this program, a student will have the necessary Visual BASIC skills for an entry level Visual BASIC programming position in business, industry, and government organizations.

Length: 3 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Certificate

**SEMESTER 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| CIS115 | Intro to Prog & Logic | 2 | 3 | 0 | 3 |
| CTI110 | Web, Pgm, I DB Foundation | 2 | 2 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **4** | **5** | **0** | **6** |

**SEMESTER 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| CSC139 | Visual Basic Programming | 2 | 3 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **2** | **3** | **0** | **3** |

**SEMESTER 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| CSC239 | Advanced Visual Basic Prog | 2 | 3 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **2** | **3** | **0** | **3** |

**TOTAL REQUIRED CREDITS... 12**

**Work-Based Learning Option**: NA