**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**INFORMATION TECHNOLOGY/**

**JAVA PROGRAMMING CERTIFICATE (C25590C1)**

Effective: Fall 2024

Revised: 02/07/24

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

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

Upon completion of this program, a student will have the necessary JAVA skills for an entry level JAVA 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** |
| CSC151 | JAVA Programming | 2 | 3 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **2** | **3** | **0** | **3** |

**SEMESTER 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| CSC251 | Advanced JAVA Programming | 2 | 3 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **2** | **3** | **0** | **3** |

**TOTAL REQUIRED CREDITS... 12**

**Work-Based Learning Option**: NA