**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**MEDICAL LABORATORY TECHNOLOGY/**

**MEDICAL LABORATORY ASSISTING DIPLOMA (D45420)**

Effective: Fall 2024

Revised: 02/07/24

Length: 3 Semesters

Prerequisites: High School Diploma/GED, 1 Unit of Biology, Algebra, & Chemistry or Placement Test Equivalent

Award: Diploma

**SEMESTER 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| BIO163 | Basic Anat & Physiology | 4 | 2 | 0 | 5 |
| MAT143 | Quantitative Literacy | 2 | 2 | 0 | 3 |
| MLT110 | Intro to MLT | 2 | 3 | 0 | 3 |
| MLT111 | Urinalysis & Body Fluids | 1 | 3 | 0 | 2 |
| MLT118 | Medical Lab Chemistry | 3 | 0 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **12** | **10** | **0** | **16** |

**SEMESTER 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| MLT120 | Hematology/Hemostasis I | 3 | 3 | 0 | 4 |
| MLT126 | Immunology and Serology | 1 | 2 | 0 | 2 |
| MLT127 | Transfusion Medicine | 2 | 3 | 0 | 3 |
| MLT130 | Clinical Chemistry I | 3 | 3 | 0 | 4 |
| MLT140 | Intro to Microbiology | 2 | 3 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **11** | **14** | **0** | **16** |

**SEMESTER 3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ENG111 | Writing and Inquiry | 3 | 0 | 0 | 3 |
| MLT230 | Clinical Chemistry II | 2 | 3 | 0 | 3 |
| MLT240 | Special Clin Microbiology | 2 | 3 | 0 | 3 |
| MLT252 | MLT Practicum I | 0 | 0 | 6 | 2 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **7** | **6** | **6** | **11** |

**TOTAL REQUIRED CREDITS.... 43**

**Work-Based Learning Option:** NA

A grade of “B” or higher must be earned in each MLT course and a grade of “C” or higher in each related course in Medical Laboratory Technology programs.

Students with a felony conviction may have limited licensure and employment opportunities.