**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**MEDICAL LABORATORY TECHNOLOGY (A45420)**

Effective: Fall 2024

Revised: 02/07/24

Length: 5 Semesters

Prerequisites: High School Diploma/GED, 1 Unit of Biology, ENG-002 Tier 2, MAT-003 Tier 1, or Placement Test Equivalent

Award: Associate in Applied Science

**SEMESTER 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ACA120 | Career Assessment | 1 | 0 | 0 | 1 |
| or |  |  |  |  |  |
| ACA122 | College Transfer Success | 0 | 2 | 0 | 1 |
| 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** | **17** |

**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** |

**SEMESTER 4**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| CIS113 | Computer Basics | 0 | 2 | 0 | 1 |
| MLT220 | Hematology/Hemostasis II | 2 | 3 | 0 | 3 |
| MLT267 | MLT Practicum II | 0 | 0 | 24 | 8 |
| PSY150 | General Psychology | 3 | 0 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **5** | **5** | **24** | **15** |

**SEMESTER 5**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| ENG112 | Writing/Research in the Disc | 3 | 0 | 0 | 3 |
| MLT215 | Professional Issues | 1 | 0 | 0 | 1 |
| MLT277 | MLT Practicum III | 0 | 0 | 24 | 8 |
|  | Humanities/Fine Arts Elective | 3 | 0 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **7** | **0** | **24** | **15** |

**TOTAL REQUIRED CREDITS.... 74**

**Work-Based Learning Option:** NA

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

\*Note: Students may not take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.