**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**EMERGENCY MEDICAL SCIENCE (A45340)**

Effective: Fall 2022

Revised: 02/28/23

Length: 5 Semesters

Prerequisites: High School Diploma/GED, 1 Unit Biology, ENG-002 Tier 2 and MAT-003 Tier 1 completion or placement test (no more than 1 year old at the time of application), and valid driver’s license.

Award: Associate in Applied Science

**FALL SEMESTER 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| BIO168 | Anatomy and Physiology I | 3 | 3 | 0 | 4 |
| EMS110 | EMT | 6 | 6 | 3 | 9 |
| MED120 | Survey of Med Terminology | 2 | 0 | 0 | 2 |
| or |  |  |  |  |  |
| OST141 | Med Terms I-Med Office | 3 | 0 | 0 | 3 |
| and |  |  |  |  |  |
| OST142 | Med TermsII-Med Office | 3 | 0 | 0 | 3 |
|  | EMS Elective | 1 | 3 | 0 | 2 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **12** | **12** | **3** | **17** |

**SPRING SEMESTER 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| BIO169 | Anatomy and Physiology II | 3 | 3 | 0 | 4 |
| EMS122 | EMS Clinical Practicum I | 0 | 0 | 3 | 1 |
| EMS130 | Pharmacology | 3 | 3 | 0 | 4 |
| EMS131 | Advanced Airway Management | 1 | 2 | 0 | 2 |
| EMS160 | Cardiology I | 2 | 3 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **9** | **11** | **3** | **14** |

**SUMMER SEMESTER 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| EMS210 | Adv. Patient Assessment | 1 | 3 | 0 | 2 |
| EMS221 | EMS Clinical Practicum II | 0 | 0 | 6 | 2 |
| EMS240 | Patients w/Special Challenges | 1 | 2 | 0 | 2 |
| EMS260 | Trauma Emergencies | 1 | 3 | 0 | 2 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **3** | **8** | **6** | **8** |

**FALL SEMESTER 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| COM120 | Intro Interpersonal Com | 3 | 0 | 0 | 3 |
| or |  |  |  |  |  |
| COM231 | Public Speaking | 3 | 0 | 0 | 3 |
| EMS220 | Cardiology II | 2 | 3 | 0 | 3 |
| EMS231 | EMS Clinical Practicum III | 0 | 0 | 9 | 3 |
| EMS250 | Medical Emergencies | 3 | 3 | 0 | 4 |
| EMS270 | Life Span Emergencies | 3 | 3 | 0 | 4 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **11** | **9** | **9** | **17** |

**SPRING SEMESTER 2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prefix No.** | Title | **Class** | **Lab** | **Clinical** | **Credit** |
| EMS241 | EMS Clinical Practicum IV | 0 | 0 | 12 | 4 |
| EMS285 | EMS Capstone | 1 | 3 | 0 | 2 |
| ENG111 | Writing and Inquiry | 3 | 0 | 0 | 3 |
| PSY150 | General Psychology | 3 | 0 | 0 | 3 |
|  | Humanities/Fine Arts Elec | 3 | 0 | 0 | 3 |
|  |  | ----- | ----- | ----- | ----- |
|  | **Totals** | **10** | **3** | **12** | **15** |

# TOTAL REQUIRED CREDITS.... 71

**Work-Based Learning Option:** NA

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

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