

# Med/Fire Rescue • Emergency Medical Specialist

## Semester Course Outline • 2023 – 2024

20 Months (4 Semesters, 1 Summer Session) • Revised: 1/20/23

Associate of Applied Science (A.A.S.) Degree • Credits Required for Graduation: 69



### First Year – Fall Semester

| Course Number | Course Title                             | Clock Hours | Credits |
|---------------|--|-------------|---------|
| EMT 100       | Emergency Medical Technician (EMT Basic) | 168         | 6       |
| EMT 110       | Physiology                               | 60          | 4       |
| ANAT 142      | Anatomy                                  | 45          | 3       |
| CPR 110       | CPR/AED for the Professional Rescuer     | 28          | 1       |
| CSC 100       | Computer Concepts                        | 15          | 1       |
| MA 115        | Medical Terminology                      | 45          | 3       |
| <b>Total</b>  |  | 361         | 18      |

### First Year – Spring Semester

| Course Number | Course Title                         | Clock Hours | Credits |
|---------------|--------------------------------------|-------------|---------|
| MFR 105       | Airway/IV Management                 | 112         | 4       |
| MFR 110       | Trauma Assessment and Treatment      | 84          | 3       |
| MFR 115       | Pharmacology                         | 15          | 1       |
| MFR 120       | Clinical Observation I               | 60          | 1       |
| MFR 125       | Medical Assessment and Treatment     | 112         | 4       |
| MFR 135       | Certifications                       | 56          | 2       |
| ◇ COMM 101    | Communications and Career Strategies | 45          | 3       |
| <b>Total</b>  |                                      | 484         | 18      |

### Summer Session

| Course Number | Course Title            | Clock Hours | Credits |
|---------------|-------------------------|-------------|---------|
| MFR 100       | Patient Assessment      | 84          | 3       |
| MFR 130       | Clinical Observation II | 260         | 5       |
| <b>Total</b>  |                         | 344         | 8       |

**Semester Course Outline • 2023 – 2024**

**Second Year – Fall Semester**

| Course Number | Course Title   | Clock Hours | Credits |
|---------------|--|-------------|---------|
| MFR 200       | Med/Fire Rescue                                      | 28          | 1       |
| MFR 215       | Clinical Observation III                             | 240         | 4       |
| MFR 235       | Paramedic Preparation                                | 56          | 2       |
| MA 212        | Insurance in the Medical Assisting Office            | 45          | 3       |
| MA 227        | Practice Management and the Electronic Health Record | 84          | 3       |
| <b>Total</b>  |  | 453         | 13      |

**Second Year – Spring Semester**

| Course Number  | Course Title   | Clock Hours | Credits |
|--|----------------|-------------|---------|
| MA 167   | Medical Coding | 84          | 3       |
| <ul style="list-style-type: none"> <li>● Selected Behavioral Science Course (Choose one)</li> <li>    PSYC 100 – Psychology of Human Relations</li> <li>    PSYC 101 – General Psychology *</li> </ul>   |                | 45          | 3       |
| <ul style="list-style-type: none"> <li>● Selected Mathematics Course (Choose one)</li> <li>    MATH 100 – Applied General Math</li> <li>    MATH 101 – Intermediate Algebra</li> <li>    MATH 114 – College Algebra *</li> </ul>   |                | 45          | 3       |
| <ul style="list-style-type: none"> <li>● Selected Social Science Course (Choose one)</li> <li>    ECON 105 – Leadership in the Global Workplace</li> <li>    ECON 201 – Principles of Microeconomics I *</li> <li>    ECON 202 – Principles of Macroeconomics II *</li> <li>    SOC 100 – Introduction to Sociology *</li> </ul> |                | 45          | 3       |
| <b>Total</b>   |                | 219         | 12      |

**Note:** SPSH 100 – Spanish for Healthcare Workers (.5 – 3 credits) is an elective course and highly recommended.

◇ Students who transfer in a communications course must also register for CSS 100 – Career Search Strategies for .5 credit. This curriculum is required for all Lake Area Tech graduates and is included in the COMM 101 course but is separate from the university system.

● Students will select a course in each of the areas listed to meet general education requirements. Courses marked with an asterisk (\*) can be transferred directly to the university system and may be substituted for recommended courses on the outline. Students should speak with an advisor before doing so.