

(054) Associate in Applied Science

The Emergency Medical Services (EMS) courses provide the opportunity to earn an Associate in Applied Science degree. In addition, those who complete are eligible to become a licensed EMT in the state of Illinois.

Individuals in Emergency Medical Services provide immediate care to critically ill or injured persons and may transport them to the hospital. They determine the nature and extent of the patient's condition. Following strict procedures, they provide critical intervention and transportation. Administering medications, stabilizing injuries, and communicating with medical staff via radio or phone are just some of the duties performed.

The specific responsibilities of EMS providers depend on their level of certification and licensure. The National Registry of Emergency Medical Technicians (NREMT) registers providers at three levels: Emergency Responder (First Responder) provides simple stabilization techniques using a limited amount of equipment. EMT-Basic provides treatments for illness and injury including oxygen, bandaging, splinting, defibrillation, several medications, and emotional support. EMT-Paramedic may also perform diagnostic 12 lead EKG interpretation, transport patients with critical intervention medications, perform invasive airway and chest decompression interventions.

AAS degree in Emergency Medical Services

The Associate in Applied Science degree in Emergency Medical Services is the next step for paramedic level providers. In addition to previously mentioned skills, the degree offers a broader knowledge base and more refined skills in patient diagnostics and care. Oral and written communication skills, business and personnel management qualifies the graduate for management and business positions as well as fostering matriculation to baccalaureate programs.

Work and Employment

EMS personnel work for private ambulance services, municipal fire or police, hospitals, industry and manufacturing. Through national registry, providers may work in all 50 states with specific state licensure.

Admission Requirements

- Complete the College general admission procedures.
- Health and Immunization requirements.

EMS 101 / EMT-Basic

1. High School Diploma or GED equivalent
2. Proof of age 18 (prior to licensure)
3. Current AHA Healthcare Provider or ARC Professional Rescuer CPR card.

EMS 106 / EMT - Paramedic

1. Current EMT-Basic or EMT-Intermediate license
2. Contact EMS office at 285-5560 or 285-5561
3. Written precept agreement with EMT-P level provider for field experience.

Application Deadline

First day of class.

Out-of-District Application

SVCC is required by law to give preference to in-district resident candidates. Out-of-district applicants will be considered if space is available.

Program Contacts

Doug Sears, EMS Instructor, 815/285-5561, dsears@ksbhospital.com

General Education Requirements - Sem/Hrs: 25-26

- Communications (ENG 101, SPE 131 required) 6 Semester hour(s)
- Humanities/Fine Arts 3 Semester hour(s)
- Mathematics (MAT 106 or higher required) 3 Semester hour(s)
- Physical/Life Science (BIO 108, CHE 102 or CHE 103 required) 7 - 8 Semester hour(s)
- Social/Behavioral Science (PSY 103, PSY 200 required) 6 Semester hour(s)

Related Requirements - Sem/Hrs: 6

- BUS 112 - Human Relations 3 Semester hour(s)
- BUS 205 - Principles of Management 3 Semester hour(s)

SVCC Requirement - Sem/Hrs: 1

- FYE 101 - First Year Experience 1 Semester hour(s)

Major Field Requirements - Sem/Hrs: 38

- EMS 106 - Paramedic I** 7.5 Semester hour(s)
- EMS 111 - Paramedic II** 8.5 Semester hour(s)
- EMS 116 - Paramedic III** 10 Semester hour(s)
- EMS 121 - Paramedic IV** 12 Semester hour(s)

Total hours required for A.A.S. degree: 70-71

Note

Program Requirements: A grade of "C" or better is required in major field requirements, communications, mathematics, social behavioral sciences, and physical life sciences.

Suggested Program

First Semester - Sem/Hrs: 15.5

- BIO 108 - Introduction to Human Anatomy and Physiology 4 Semester hour(s)
- EMS 106 - Paramedic I** 7.5 Semester hour(s)
- ENG 101 - Composition I 3 Semester hour(s)
- FYE 101 - First Year Experience 1 Semester hour(s)

Second Semester - Sem/Hrs: 14.5

- MAT 106 - Applied Mathematics 3 Semester hour(s)
- PSY 103 - Introduction to Psychology 3 Semester hour(s)
- EMS 111 - Paramedic II** 8.5 Semester hour(s)

Summer Semester - Sem/Hrs: 6

- PSY 200 - Human Growth and Development 3 Semester hour(s)
- SPE 131 - Introduction to Oral Communication 3 Semester hour(s)

Third Semester - Sem/Hrs: 16-17

- CHE 102 - Introduction to Chemistry 3 Semester hour(s)
- **OR**
- CHE 103 - Introduction to Chemistry 4 Semester hour(s)
- EMS 116 - Paramedic III** 10 Semester hour(s)
- BUS 112 - Human Relations 3 Semester hour(s)

Fourth Semester - Sem/Hrs: 18

- Humanities/Fine Arts 3 Semester hour(s)

- BUS 205 - Principles of Management 3 Semester hour(s)
- EMS 121 - Paramedic IV** 12 Semester hour(s)

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