



## Program Map

# Emergency Medical Services Professions

Degree: Associate of Applied Science (AAS)

Certificate: Level 1 (C1) & Level 2 (C2)



### HEALTH SCIENCES

**Program Description:** This award plan combines classroom teaching with supervised clinical and field experience for the emergency medical health professional. Emphasis is placed on patient assessment and initial treatment of the following: respiratory, cardiovascular, endocrine and nervous system problems; obstetrical, pediatric, geriatric and behavioral emergencies; bleeding and shock; all types of trauma and burns. The student will also receive information on pharmacology, toxicology, environmental and infectious diseases and all aspects of EMS Systems. American Heart Association ACLS and PALS and a trauma course certification are offered as an enhancement of the program. Upon completion of all coursework for the degree in Emergency Medical Services Professions, the student is eligible to take National Registry exams for certification as a Paramedic.

**Contact:**

Health Sciences  
[www.austincc.edu/health](http://www.austincc.edu/health)

**Eastview Campus**

Building 9000, Room 9108

Phone: 512.223.5924

Email: [dgwynn@austincc.edu](mailto:dgwynn@austincc.edu)

**Department Website:**

[www.austincc.edu/health/emsp](http://www.austincc.edu/health/emsp)

Division approval is required to register for any of the Emergency Medical Services Professions (EMSP) Courses. For information on applying for approval to register for EMSP courses, please visit the department website at: [www.austincc.edu/health/emsp](http://www.austincc.edu/health/emsp).

The capstone courses for the Associate degree are: EMSP 2243, an assessment based patient management course that allows the student to use all their skills in application to patient management and includes a comprehensive final examination; and EMSP 2266, an intensive internship on an EMS unit with an EMS field training officer.

The capstone courses for Paramedic Level II certificate are: EMSP 2243, an assessment based patient management course that allows the student to use all their skills in application to patient management and includes a comprehensive final examination; and EMSP 2266, an intensive internship on an EMS unit with an EMS field training officer.

The Austin Community College's Emergency Medical Services Professions program is accredited by the Commission on Accreditation of Allied Health Education ([www.caahep.org](http://www.caahep.org)) upon recommendations of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Students working toward admission into a Health Sciences Program are required to declare General Studies in Pre-Health Sciences degree as their major until they are officially accepted into a program.

Admission to the College does not guarantee admission to the Emergency Medical Services Professions program and enrollment is limited. The following items are required by health sciences programs, but deadlines may vary by program. Please see division and program websites for specific details.

- Completed and submitted immunizations prior to submitting an application
- Proof of health insurance
- Criminal background check
- Drug screen
- Current CPR (Cardiopulmonary Resuscitation) American Heart Association (AHA) Basic Life Support (BLS) for Healthcare providers
- Completed health data form
- Verification of annual tuberculosis status
- Completed program information session

#### Technical Standards:

Health Sciences programs establish technical standards and essential functions to insure that students have the abilities required to participate and potentially be successful in all aspects of the respective programs. Students are required to meet published technical standards and essential functions for the program. See specific program website for details.

#### Additional Requirements:

Each program has specific admission requirements - see program website for detailed information.

Use this **Program Map** to choose courses with your college advisor and track your progress towards milestones and completion of program.

Pre-Degree Requirements		
Program Specific	Reading and Writing Placement <i>Placements based on TSI</i>	Mathematics Placement <i>Placements based on TSI</i>
<p><b>Program Application Requirements:</b> The student must be enrolled in, or have completed, the following listed prerequisites: must hold a Texas state and/or a National Registry certification as an Emergency Medical Technician (EMT) or be eligible to test for National Registry certification.</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Basic Developmental Courses</li> <li><input type="checkbox"/> ESOL Courses</li> <li><input type="checkbox"/> INRW Courses</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> MATD-0332 - Basic Math Skills</li> <li><input type="checkbox"/> MATD-042x/032x – ALEKS Sequence</li> <li><input type="checkbox"/> MATD-0385/0485 – Developing Mathematical Thinking <i>Not prerequisite for MATH-1314/1324</i></li> <li><input type="checkbox"/> MATD-0370 – Elementary Algebra</li> <li><input type="checkbox"/> MATD-0390 – Intermediate Algebra <i>Take MATD-0370 and 0390 to prepare for MATH-1314/1324</i></li> </ul>

D: Degree

C1: Level 1 Certificate

C2: Level 2 Certificate

OSA: Occupational Skills Award

**SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS**

*Plans can be modified to fit the needs of part-time students by adding more semesters*

C1	C2	D	Semester 1	CR	Advising Notes
●	●	●	BIOL 2404 – Introduction to Anatomy and Physiology	4	New students will be petitioned and registered for first-semester EMSP classes by the department after the EMSP orientation. BIOL 2404 may be substituted with the following: - BIOL 2401 AND 2402 <i>or</i> - BIOL 2304, 2101, 2305, 2102 (must have all 4)
●	●	●	EMSP 1338 – Introduction to Advanced Practice	3	
●	●	●	EMSP 1356 – Patient Assessment and Airway Management	3	
		●	HPRS 1171 – Student Success for Health Professionals	1	
		●	HPRS 1203 – End of Life Issues	2	
				13	Program Semester Hours / Meet with your advisor
C1	C2	D	Semester 2		
●	●	●	EMSP 1355 – Trauma Management	3	
●	●	●	EMSP 2137 – Emergency Procedures I	1	<i>Must be taken together with EMSP 1261.</i>
●	●	●	EMSP 1261 – Clinical – Emergency Medical Technology/Technician Paramedic Clinical I	2	<b>ACHIEVEMENT:</b> Advanced EMT Level I Certificate
●	●	●	EMSP 2305 – EMS Operations	3	<b>DO THIS</b> – Apply to take the National Registry examination for certification as an Advanced Emergency Medical Technician. May be omitted if seeking the degree or level II certification as long as EMT certification is maintained.
		●	ENGL 1301 – English Composition	3	
		●	MATH 1314 – College Algebra <b>OR</b> MATH 1332 College Mathematics	3	
				15	Program Semester Hours / Meet with your advisor
C1	C2	D	Semester 3		
	●	●	EMSP 2444 – Cardiology	4	
	●	●	EMSP 2352 – Emergency Medical Services Research	3	
		●	PSYC 2301 – Introduction to Psychology	3	
	●	●	HPRS 2300 – Pharmacology for Health Professions	3	HPRS 2300 must be taken before or during EMSP 2444.
				13	Program Semester Hours / Meet with your advisor
C1	C2	D	Semester 4		
	●	●	EMSP 2434 – Medical Emergencies	4	
	●	●	EMSP 2330 – Special Populations	3	

	●	●	EMSP 2260 – Clinical- Paramedic Clinical III	2	
		●	Language, Philosophy, and Culture <b>OR</b> Creative Arts Elective	3	
		●	KINE 1145 – Weight Training I	1	
				13	Program Semester Hours
<b>C1</b>	<b>C2</b>	<b>D</b>	<b>Semester 5</b>		
	●	●	EMSP 2243 – Assessment Based Management	2	Capstone Course
	●	●	EMSP 2237 – Emergency Procedures II	2	<i>Must be taken together with EMSP 2266.</i>
	●	●	EMSP 2266 – Practicum (or Field Experience) – Emergency Medical Technology/Technician (Paramedic)	2	<b>ACHIEVEMENT:</b> Associate of Applied Science degree <b>ACHIEVEMENT:</b> Paramedic Level II Certificate
				6	Program Semester Hours
<b>Total Program Hours:</b>				<b>60</b>	

## Career & Transfer Resources

ACC's Career & Transfer websites provide detailed, guided information on career exploration and transfer.

[www.austincc.edu/career](http://www.austincc.edu/career)

[www.austincc.edu/transfer](http://www.austincc.edu/transfer)

For further information regarding this specific program, please see the Career & Transfer Resources supplement provided in the next section of this Program Map.

## Program Map

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Career & Transfer Resources Updated 8/18/17

## Career Information

Full-time and part-time paid EMTs and paramedics were employed in a number of industries. About 4 out of 10 worked as employees of private ambulance services. About 3 out of 10 worked in local government EMS systems, fire departments, and public ambulance services. Another 2 out of 10 were found in hospitals, working full time within the medical facility or responded to calls in ambulances or helicopters to transport critically ill or injured patients. The remainder worked in various industries providing emergency services.

- Job stress is common because hours of work are irregular and workers often must treat patients in life-or-death situations.
- Formal training and certification are required, but State requirements vary.
- Employment is projected to grow faster than average as paid emergency medical technician positions replace unpaid volunteers and the industry grows to include community services, hospital emergency department presence, and population growth.
- Competition will be greater for jobs in local 911 EMS city systems, fire, police, and rescue squad departments than in private ambulance services; opportunities will be best for those who have advanced certification.

### Common Job Titles

Emergency Medical Technicians and Paramedics, Emergency Medical Technician, Basic (EMT, B), Emergency Medical Technician/Driver, EMT Intermediate, Paramedic, EMT/Dispatcher, First Responder

### Regional Labor Market Information

Emergency Medical Technicians and Paramedics: New workers generally start around \$25,070. Normal pay for Emergency Medical Technicians and Paramedics is \$39,417 per year, while highly experienced workers can earn as much as \$66,868. Over the last year, 45 companies have posted 524 jobs for Emergency Medical Technicians and Paramedics in this region. There are currently 1,291 Emergency Medical Technicians and Paramedics that are employed in Austin-Round Rock, TX.

Source: <https://austincc.emsicc.com/careers/emergency-medical-technicians-and-paramedic>

**Career and labor market research tools** (see Quick Reference Guide at <http://www.austincc.edu/career>):

EMSI: <https://austincc.emsicc.com/>, Bureau of Labor Statistics: <http://www.bls.gov/ooh/>, O\*NET: <https://www.onetonline.org/>

**Career Resources:** ACC's career services website provides information on career exploration and employment at <http://www.austincc.edu/career>. Students are encouraged to consult with their area of study advisor for additional career assistance. The above information is provided as a guide and reference tool for occupations related to this program. This is not a guarantee of job placement in any of these occupations after successful completion of an ACC program. The common job titles listed are representative titles and are provided for career research. These are not the only occupations possible in this area of study.

## Transfer Information

The Emergency Medical Services Professions Associate of Applied Science prepares students to take National Registry exams for certification as a Paramedic. A Bachelor of Applied Arts and Sciences (BAAS) is an option for students who have earned an AAS degree who want to complete a 4-year degree. These degrees apply non-transferable courses and work experience towards the degree. You still must meet general education requirements and take upper level courses.

**Transfer Guides:** *The universities listed here do not constitute an ACC endorsement. Transfer course evaluations and determination of which courses will count toward a bachelor's degree are made by the receiving transfer institution.*

**Texas State University:** <http://www.owls.txstate.edu/undergraduate-degrees/applied-arts-sciences.html>

**Concordia University Texas:** <http://www.concordia.edu/academics/college-of-business-and-communication/baas-in-business.html>

**Tarleton State University:** <http://www.tarleton.edu/degrees/bachelors/baas-business/>

**Texas A&M University - Central Texas:** <https://www.tamuct.edu/degrees/undergraduate/business-management.html>

**Texas Tech University:** [https://www.depts.ttu.edu/universitystudies/prospective\\_students/baas.php](https://www.depts.ttu.edu/universitystudies/prospective_students/baas.php)

**Additional Transfer Resources:** ACC's transfer website provides information on additional colleges & universities:

<http://www.austincc.edu/transferguides>. Students are encouraged to consult with a faculty advisor, area of study advisor, and/or their chosen transfer institution to ensure courses taken at ACC will apply toward their bachelor's degree program.