EMERGENCY MEDICAL SERVICES, LEVEL 2 CERTIFICATE OF TECHNOLOGY

Program Information

Have you always wanted a career helping others? Are you passionate about making a difference? An emergency medical services (EMS) certificate from San Jacinto College can prepare you for certification in a health care field that can lead to a career in EMS or other related fields. Each year in the US, about 240 million calls are made to 911 for emergency medical assistance, which means just about every minute someone urgently needs help, your help. If you qualify, next time you could be the one receiving a call for emergency help. Are you ready?

The San Jacinto College emergency medical services program:

• Combines classroom lectures and lab skills with real time clinical patient treatment experience in hospitals and on ambulances. EMS training at San Jacinto College utilizes modern classroom facilities and state-of-the-art skills laboratory equipment to prepare students to be competent and qualified emergency medical personnel;

• Provides live hospital clinical and 911 ambulance (EMS) patient-care experiences to give students practical experience in the workplace during training. Students apply knowledge and skills learned in the classroom in real life patient treatment situations, supervised by experienced clinical faculty and preceptors; and

• Is taught by faculty carefully selected based on their knowledge, teaching abilities, previous education, and EMS field experience. San Jacinto College EMS faculty are committed to student success by providing quality education and training. Many are well known and highly respected throughout the EMS community.

Accreditation

The San Jacinto College Emergency Medical Services Program is accredited by:

The Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs
25400 US Highway 19 North, Suite 158
Clearwater, FL 33756
727-210-2350

www.caahep.org (http://www.caahep.org)

Continuing Education activities are accredited by:

Commission on Accreditation for Pre-Hospital Continuing Education (CAPCE)
12300 Ford Road, Suite 350
Dallas, TX 75234
972-247-4442

The San Jacinto College Emergency Medical Services Program is overseen by and granted approval from:

The Texas Department of State Health Services, Office of EMS/Trauma Systems Coordination
The Exchange Building
8407 Wall Street, Suite N-410
Austin, TX 78754
512-834-6700

Certification testing for EMS certification is done through the National Registry of EMTs:

Rocco V. Morando Building
6610 Busch Blvd
Columbus, Ohio 43229
614-888-4484

Why is this information important? Click here (https://vimeo.com/152497126) for a short video explaining the importance of accreditation.

Career Opportunities

Graduates of our program have numerous opportunities for employment and growth in their education. Although career placement as a certified EMT, Advanced EMT, or Paramedic does not require the completion of an associate degree, students who do complete the degree have greater career opportunities and are eligible to become licensed paramedics by the Texas Department of State Health Services.

Most graduates continue their careers in the EMS field and are employed by:

• Public agencies such as municipal or county 911 EMS, fire departments, and police departments (SWAT Tactical Medics),

• Private EMS services,

• Hospitals,

• Helicopter or fixed-wing air ambulance services,

• Staff medics with offshore oil and gas exploration companies, and

• Contractors working in developing and recovering countries.

* Source: EMS Workforce for the 21st Century: A National Assessment

Graduate opportunities may also extend beyond traditional EMS roles:

• Nursing

• Law Enforcement

• Firefighting

• Occupational Health and Safety

• Health Care Administration
• Education
• Physician Assistant or Medical Doctor

Earning Potential
Emergency Medical Technician & Paramedics median salary $34,816 per year

1 Source: texaswages.com, Gulf Coast region, 2017

For more information, please contact 281-998-6150, x7301.

Campuses
Central Campus
North Campus

Information
The goal of the EMS Program at San Jacinto College is to prepare competent entry-level Emergency Medical Technicians and Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains, with exit points at the Emergency Medical Technician-Intermediate, and Emergency Medical Technician-Basic levels. The emergency medical services (EMS) curriculum includes a combination of class lectures, skills training and clinical training in hospital and ambulance settings. The EMS program at San Jacinto College meets Texas Department of State Health Services (TDSHS) and the National Registry of EMT requirements for certification eligibility. Upon successful completion of the program, students registering for the emergency medical services program must meet TDSHS requirements and be eligible to take the National Registry of EMT certification examination. Any applicant convicted of a felony and/or misdemeanor offense may be eligible for clinical participation and/or state certification.

North Campus is accredited by:
Texas Department of State Health Services EMS and Trauma Systems
1100 West 49th Street
Austin, TX 78765-3199
Office: (512) 458-7111; and
Commission on Accreditation of Allied Health Education Programs (CAAHEP), through the Committee on Accreditation of Educational Programs for the EMS Professions (CoAEMSP)
8301 Lakeview Parkway
Suite 111-312
Rowlett, Texas 75088
Office: (214) 703-8445, Fax: (214) 703-8992.

Central Campus is accredited by:
Texas Department of State Health Services EMS and Trauma Systems
1100 West 49th Street
Austin, TX 78765-3199
Office: (512) 458-7111

Program Enrollment
A criminal background check and/or drug screening is required of all health science students attending clinical courses or practicums and may be required prior to admission to the program.

Students must meet all program requirements for eligibility to take the National Registry certification examination. A fee is charged by the TDSHS and the National Registry of EMT for certification and/or examinations. There may also be additional charges for field experiences.

For information on course offerings and enrollment requirements please visit the Emergency Medical Services program web page (https://www.sanjac.edu/program/emergency-medical-technology).

Emergency Medical Services Program Requirements
EMS practitioners are held to the highest standards of professional and ethical conduct. This expectation extends to education programs, their faculty, students, clinical affiliates and EMS services. Students and prospective students must be able to demonstrate good professional characteristics to be eligible for entry and licensure with TDSHS.

Texas Administration Code Background Statement

**Note:** Pursuant to Rule 157.12 for the Texas Administrative Code (TAC), a person who has any arrests, criminal charges or indictments, criminal investigations, motions to revoke probation, etc. of any crime may be disqualified from obtaining licensure as an EMS Professional.

If you have any questions regarding past incidents, contact the TDSHS at their website https://www.dshs.state.tx.us/emstraumasystems/default.shtm or you can call them at (512) 834-6700. A criminal background check and/or drug screen must been conducted by a designated investigative agency at the expense of the student. This background check must be completed before registering for classes and only those applicants with a clear background will be eligible to register unless a qualified exception is made by the Program Director.

EMS Program Information Sessions and Mandatory Semester Orientation
All EMS students (new and returning) must attend one program information session and the mandatory semester orientation prior to course start date (Session dates and times located on EMS Program Web Page).

Order Background Check and Drug Screen
Students must submit results from a background investigation. This process can be done through Castle Branch at www.castlebranch.com. Package Code: SQ29

**All EMS program students must purchase and complete CastleBranch requirements before the start of class.**

The State of Texas and our EMS program require you provide a current (within 1 year) criminal background check and drug screen. Our program utilizes a third party vendor to obtain these records. You can order your background and drug screen at www.castlebranch.com using the package code SQ29. This package also includes review of all of your immunizations records (please see...
requirements below) and physical form. The package costs $86.00. Please purchase the account prior to the start of class.

**Update Immunizations**

All immunizations must be current and must not expire during the program.

- Tetanus (Td/tdap) [within the past 9 years]
- TB (PPD) skin test, Chest X-ray (within 4 years), or Quantiferon test [within the past 9 months]
- Seasonal flu shot or proof of allergy to the flu shot
- 2 MMR shots or titer that shows immunity
- 2 Varicella shots or titer that shows immunity
- HEP B series of 3 shots or titer that shows immunity
- HEP C Antibody

**Physical Examination**

Applicants must pass a program approved physical. The physical form is available on the San Jacinto College EMS webpage (https://www.sanjac.edu/program/emergency-medical-technology).

All EMS students will be required to purchase the "Nav2 Premier Package" access code along with either the e-book or printed textbook package. The college bookstore has books available for you to purchase or you may purchase them at a vendor of your choice.

- EMT- Basic Textbook: *Emergency Care and Transportation of the Sick and Injured 11th Edition w/ Navigate 2 Premier Access*
- EMT-Advanced and Paramedic Textbook: *Nancy Caroline's Emergency Care in the Streets 8th Edition w/ Navigate 2 Premier Access*

**Paramedic Program Student Outcomes**

Upon completion of the paramedic program, the student is eligible to sit for the NREMT Certification Examination.

The three-year outcome report is as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Pass Rate</th>
<th>Retention Rate</th>
<th>Positive Placement</th>
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</thead>
<tbody>
<tr>
<td>2015</td>
<td>61%</td>
<td>86%</td>
<td>83%</td>
</tr>
<tr>
<td>2016</td>
<td>88%</td>
<td>68%</td>
<td>53%</td>
</tr>
<tr>
<td>2017</td>
<td>43%</td>
<td>67%</td>
<td>100%</td>
</tr>
<tr>
<td>3-year avg.</td>
<td>64%</td>
<td>73.66%</td>
<td>78.66%</td>
</tr>
</tbody>
</table>

Pass rate is based on first-time attempt.

The positive placement rate, as defined by CAAHEP based on graduates of the paramedic program who are reporting working in either a full-time or part-time position as a paramedic within twelve months of graduation, continuing their education, or serving in the military.

**Plan of Study**

**Central and North Campus**

5EMS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>First Term</td>
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<tr>
<td>EMSP 1501</td>
<td>Emergency Medical Technician</td>
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<td>EMSP 1160</td>
<td>Clinical-Emergency Medical Technician</td>
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<table>
<thead>
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<th>Course</th>
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<tbody>
<tr>
<td>BIOL 2404</td>
<td>Introduction to Anatomy and Physiology (lecture &amp; lab)</td>
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**Second Term**

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<tr>
<td>EMSP 1338</td>
<td>Introduction to Advanced Practice</td>
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<tr>
<td>EMSP 1356</td>
<td>Patient Assessment and Airway Management</td>
<td>3</td>
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<tr>
<td>EMSP 1355</td>
<td>Trauma Management</td>
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<tr>
<td>EMSP 1260</td>
<td>Clinical - Advanced Emergency Medical Technology</td>
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**Third Term**

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<tr>
<td>EMSP 2444</td>
<td>Cardiology</td>
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<td>EMSP 2206</td>
<td>Emergency Pharmacology</td>
<td>2</td>
</tr>
<tr>
<td>EMSP 2237</td>
<td>Emergency Procedures</td>
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**Fourth Term**

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<tbody>
<tr>
<td>EMSP 2434</td>
<td>Medical Emergencies</td>
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<tr>
<td>EMSP 2330</td>
<td>Special Populations</td>
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<tr>
<td>EMSP 2262</td>
<td>Clinical - EMT Paramedic II</td>
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**Summer Year Two Term**

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<tr>
<td>EMSP 2243</td>
<td>Assessment Based Management</td>
<td>2</td>
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<tr>
<td>EMSP 2268</td>
<td>Emergency Medical Technician Paramedic Practicum</td>
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<tr>
<td>EMSP 2205</td>
<td>EMS Operations</td>
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Total Credits: 44

**Capstone Experience**:

EMSP 2268 Emergency Medical Technician Paramedic Practicum

Students who believe they may pursue an Associate of Applied Science degree in Emergency Medical Services (3EMS) in the future should complete BIOL 2301 Anatomy and Physiology I (Lecture) and BIOL 2101 Anatomy and Physiology I (Lab); and BIOL 2302 Anatomy and Physiology II (Lecture) and BIOL 2102 Anatomy and Physiology II (Lab).

**Note**: Students must pass each course listed in the degree or certificate for Emergency Medical Services with a grade of C or higher to be eligible to receive a degree or certificate.

San Jacinto College 2019-2020