

# PARAMEDIC STUDIES CERTIFICATE

**Program code:** PARM-CC

**Location:** Capital

## Program Description

The Paramedic Certificate Program is designed for students to acquire knowledge and skills in order to provide pre-hospital emergency medical care to those individuals needing advanced life support (ALS). Graduates of the program are skilled in advanced life support necessary to meet the needs of those agencies or institutions providing emergency medical services to the community.

Classroom, simulated laboratory and clinical experiences in the paramedic program include content and practice skills related to the emergency medical care of pre-hospital patients.

Included in the curriculum are certifications in Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), and Prehospital Trauma Life Support (PHTLS). Upon successful completion of the certificate program, the graduate will be qualified to take the National Registry of Emergency Medical Technicians (NREMT) paramedic exam for national certification as a paramedic. The NREMT certification can then be used to obtain CT licensure as a paramedic. Additional fees are required for exam and state licensure.

## Learning Outcomes

Upon successful completion of the paramedic program, the graduate will be able to demonstrate the ability to comprehend, apply, and evaluate theoretical information relevant to the role of entry-level paramedic. The graduate will:

1. Provide advanced emergency medical care for patients who access the emergency medical services (EMS) system
2. Integrate the complex knowledge and skills necessary to provide advanced level patient care and transportation
3. Function as a member of the comprehensive EMS response system, under medical oversight
4. Perform patient care interventions including invasive and pharmacological interventions to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies
5. Utilize knowledge of anatomy, physiology, and pathophysiology to develop advanced patient assessment strategies

Students will be required to maintain a Field Internship Student Acquisition Project (FISDAP) account and have access to a portable web-enabled device for all PMED classes. PMED 2014 Paramedic IV requires 220 hours of field experience which will occur at EMS agencies around the state.

The certificate program is designed to prepare students to take the National Registry of Emergency Medical Technician (NREMT) paramedic exam. After passing this exam, the graduate will be able to apply for state licensure as a paramedic.

Capital Community College's Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs

(CAAHEP) upon the recommendation of the Committee on Accreditation of Educational Programs for the EMS Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs  
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Committee on Accreditation of Education Programs for the EMS Professions  
8301 Lakeview Parkway, Suite 111-312  
Rowlett, TX 75088  
214-703-8445, 214-703-8992 (fax)  
www.coaemsp.org (<https://www.coaemsp.org>)

All courses taken in this certificate program can lead to an associate degree in Paramedic Studies program.

## Admissions

Admission to the certificate program requires current certification as a Connecticut emergency medical technician (EMT) or advanced emergency medical technician (AEMT), current certification in American Heart Association Basic Life Support (BLS), and proof of at least 50 patient contacts in the prehospital environment. Candidates will also need to pass a drug screening, background check, and entrance exam. Detailed information regarding selective admission events and deadlines is available on the program's CT State Selective Admissions Webpage (<https://ctstate.edu/academics/programs/paramedic-studies>).

## Certificate Requirements

Code	Title	Credits
<b>Required Courses</b>		
PMED 1011	Paramedic I	8
PMED 1012	Paramedic II	8
PMED 1013	Paramedic III	7
PMED 1020	Anatomy and Physiology for Emergency Care I	2
PMED 1021	Anatomy and Physiology for Emergency Care II	2
PMED 2014	Paramedic IV	7
<b>Total Credits</b>		<b>34</b>

- Paramedic Studies, AS
- Paramedic Studies: Emergency Medical Services Instructor, AS