



Emergency Medical Science

Associate in Applied Science – 68 Credit Hours

Fall 2022 Entry ♦ Jamestown Campus ♦ Maximum Number Accepted to Program - 25

Program Application Deadline: Friday, July 1, 2022 by 5:00pm

Program Admission Requirements and Deadlines

Please read the **entire** packet for more details on these requirements and deadlines.

Complete by July 1, 2022.

1. Complete the GTCC Admission/Readmission Process (*new and former GTCC students*).
2. Meet the EMS Program pre-requisites.
3. Attend one Emergency Medical Science Program Information Session.
4. Submit an *Emergency Medical Science Program Application* packet to the EMS Program office, located on the Jamestown Campus, Public Safety building, Room 237 or via email to jwunderwood1@gtcc.edu.

Guilford Technical Community College's EMS Program in Jamestown, NC is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon recommendation of the Committee on Accreditation for the EMS Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs
25400 US Highway 19 N., Suite 158
Clearwater, FL 33763
(727) 210-2350
www.caahep.org

COMPLETE THE REQUIRED PROGRAM INFORMATION SESSION BY JULY 1, 2022!

"Live" Session Dates

Held in the Public Safety Building, Room 241 on the Jamestown campus.

Thursday, June 16, 2022 - 3:00pm

Friday, June 24, 2022 - 10:00am

Saturday, June 25, 2022 - 1:00pm

Attendance at Program Information Sessions for previous years' admission cycles are not acceptable for meeting this requirement.

Limited Entry Admission Process – GTCC EMS Program

Complete by July 1, 2022

Complete the GTCC Admission Process (new applicants/former GTCC students).

Please complete the GTCC admission process, including the North Carolina Residency Determination Service (RDS) process. To get started, visit <https://www.gtcc.edu/admissions-and-aid/apply-now.php>

Submit your official transcripts. Once received, transcripts are evaluated by GTCC's Enrollment Services staff. **PLEASE ALLOW A MINIMUM OF TWO WEEKS FOR EVALUATION TO OCCUR!** Approved transfer credits will be added to your academic record as appropriate. Transfer credits from regionally-accredited colleges/universities must appear on your GTCC WebAdvisor transcript in order to be considered for meeting minimum requirements or earning ranking points.

PLEASE CHECK THE STATUS OF YOUR ADMISSION PROCESS by visiting <https://applicationstatus.gtcc.edu> and <https://transcripts.gtcc.edu> .

Obtain a C or better grade in each pre-requisite course.

- English 111- Writing & Inquiry (or a higher-level course)
- Math 143- Quantitative Literacy (or a higher-level course)
- BIO 163- Basic Anatomy & Physiology (or a higher-level course)

Attend one EMS Program Information Session.

You are required to complete an Emergency Medical Science Program Information Session in order to apply to the Fall 2022 program. Information Sessions completed for previous application cycles are not acceptable for purposes of meeting this requirement.

This session will provide you with an overview of the curriculum, the minimum program admission requirements, faculty expectations, discussion of class schedules and clinical requirements, preparing and submitting your *EMS Program Application packet*, and the selection and notification process for the incoming class.

The schedule of the **INFORMATION SESSIONS** is available on the front of this packet. Sessions will last approximately 1 to 1.5 hours. Late arrivals/early departures will **not** receive credit for having completed this session. All sessions are offered on the Jamestown Campus in the Public Safety Building, Room 241.

- **If you are unable to attend one of the information sessions due to being out of the state and/ or country, contact the EMS program office to set up an alternative.**

☐ Gather Your Application Materials and Submit them by the July 1, 2022 at 5pm Deadline.

Once you have completed all of the minimum admission requirements, gather all of the required documents, attach them to the *EMS Program Application*, and submit the packet to the EMS Program Office, located in the Public Safety building, Room 237 on the Jamestown campus. **Application packets that are not complete or are received after the deadline will not be accepted.**

- Complete the *EMS Program Application*.
- **Verify that all transcripts have been received and evaluated for transfer credit by GTCC before attaching a copy of your WebAdvisor transcript! The Selection Committee will use this transcript to verify minimum requirements and award ranking points!**
- Attach all other documentation required on the *EMS Program Application Checklist* (back page of Application).
- **Submit all required documents to Jeremiah Underwood, EMS Program Director, at jwunderwood1@gtcc.edu.**



Have Questions? Need Help?

- ✓ **Completing the GTCC admission process** (*application for admission, NC residence determination*): Please contact GTCC's Admissions Office at (336) 334-4822, ext. 31125, or send an email to: admissions@gtcc.edu.
- ✓ **Checking the status of your admission application:** Visit: <https://applicationstatus.gtcc.edu/>
- ✓ **Submitting your transcripts:** Contact the Records and Transcripts Office at (336) 334-4822, ext. 50354 or 50161, or send an email to transcripts@gtcc.edu.
- ✓ **Checking the status of the transcripts you have submitted to GTCC:** Visit: <https://transcripts.gtcc.edu/>
- ✓ **General information on the EMS Program and the specific admission requirements:** Visit the EMS Program's website at: <https://www.gtcc.edu/academics/academic-programs/programs/public-safety/emergency-medical-science.php> call (336) 334-4822, ext. 50378, or send an email to jwunderwood1@gtcc.edu.

The Program Applicant Review and Selection Process

The following week after the Program Application Deadline, the EMS Program Review Committee, comprised of the Program Director and EMS faculty, will review all applications submitted by the deadline. If more than 25 applications are received, each will be ranked.

After applicants are ranked, candidates will be selected based on the total points earned. Ties will be decided, based on the following system: 1) The applicant with the higher total points earned in the "General Education Courses" ranking section; 2) The date that the GTCC Admission Application was submitted for the program, with the earlier application receiving higher points.

Each candidate who submits a completed *EMS Program Application* to the EMS Program Office by 5pm on the specified deadline will be notified of the results of the selection process. **Notification will be sent electronically to the applicant's GTCC email address.**

Students must accept or decline a program position by submitting an *Intent to Enroll Form* within 3 business days of the date on the acceptance letter. Failure to respond within the stated timeframe will result in the position being offered to an alternate. Once a student declines a program position, the decision may not be reversed.

A student has three (3) business days from the date on the notification letter to contest the results of the selection process. The request for review of the results must be submitted in writing to the Division Dean. The Division Dean will render a decision within 10 business days of receipt of the written request. The Division Dean's decision is final.

Program Orientation, Advising/Registration, and Enrollment

Once a student accepts a position in the EMS program, all communication will be directed to the EMS Program Director regarding matters related to the EMS program, advising/registration, and enrollment.

The student must enroll in EMS program classes prior to the first day of the semester. Failure to enroll will result in removal from the EMS program and, if applicable, ranking point deductions for future applications to the same program.

Important Notes to Emergency Medical Science Program Applicants

Program faculty reserve the right to revise or change course requirements in accordance with applicable state laws, college requirements, accreditation standards, and/or at the discretion of the faculty. By accepting admission into the program, the students agrees to at all times abide by the program requirements and procedures as set forth in the GTCC and EMS Program Student Handbook and the respective course syllabus issued at the beginning of each term for each course. The student is bound by such requirements and procedures regardless of whether they were established before or after the date of enrollment in the program. Changes made after the publication of the Handbook will be posted as an addendum to the Handbook.

The EMS program requires all students to have a criminal background check, a drug screen, and submission of all required vaccinations prior to attending clinical and field internships. Healthcare agencies that are utilized for clinical and/or internship experiences require these evaluations. If a student is denied agency access due to a positive check or screening, the student will not be able to complete the clinical education experiences, which will result in the inability to continue in the EMS program. Screening may also be required after graduation by examination boards, state licensing boards, and employing agencies. Pending the outcome, a graduate may be disqualified from examination eligibility, state licensure, and/or employment.

Students must achieve a GPA of 3.0 or better in order to graduate. Students who receive a grade of "D" in a general education course (other than BIO) can graduate as long as their GPA is at least 3.0. However, a grade of "D" in a general education course will not transfer to another institution, nor will GTCC accept a grade of "D" for credit from another institution. Students must achieve a "C" or better in BIO and a "B" or better in all EMS program major courses. Students who do not achieve a "B" or better in these courses will be removed from the EMS program.

Technical Standards & Essential Functions

Introduction

This section introduces the non-academic standards, skills, and performance requirements expected of every student in the Emergency Medical Science program. It is essential for all students entering the program to understand that these requirements are necessary for the satisfactory completion of all aspects of the curriculum and development of professional attributes for graduation. Reading these standards carefully along with a realistic assessment of your own personality, interests, abilities, strengths, and weaknesses will ensure that you end up in a program and career path that is a good fit for you.

ESSENTIAL FUNCTIONS

According to the North Carolina Office of EMS (NCOEMS), the essential functions delineated below are necessary for Emergency Medical Science program progression and graduation and for the provision of safe and effective patient care. The essential functions include but are not limited to the ability to:

SENSORY AND PERCEPTION

Visual

- Observe and discern subtle changes in physical conditions and the environment

- Visualize different color spectrums and color changes
- Read fine print in varying levels of light
- Read for prolonged periods of time
- Read cursive writing
- Read at varying distances
- Read data/information displayed on monitors/equipment

Auditory

- Interpret monitoring devices
- Distinguish muffled sounds heard through a stethoscope
- Hear and discriminate high and low frequency sounds produced by the body and the environment
- Effectively hear to communicate with others

Tactile

- Discern tremors, vibrations, pulses, textures, temperature, shapes, size, location, and other physical characteristics

Olfactory

- Detect body odors and odors in the environment

COMMUNICATION/INTERPERSONAL RELATIONSHIPS

- Verbally and in writing, engage in a two-way communication and interact effectively with others from a variety of social, emotional, cultural and intellectual backgrounds
- Work effectively in groups
- Work effectively independently
- Discern and interpret nonverbal communication
- Express one's ideas and feelings clearly
- Communicate with others accurately in a timely manner
- Obtain communications from a computer

COGNITIVE/CRITICAL THINKING

- Effectively read, write, and comprehend the English language
- Consistently and dependably engage in the process of critical thinking in order to formulate and implement safe and ethical nursing decisions in a variety of health care settings
- Demonstrate satisfactory performance on written examinations, including mathematical computations without a calculator
- Satisfactorily achieve the program objectives

MOTOR FUNCTION

- Handle small delicate equipment/objects without extraneous movement, contamination or destruction
- Move, position, turn, transfer, assist with lifting, or lift and carry clients without injury to clients, self, or others
- Maintain balance from any position
- Stand on both legs
- Coordinate hand/eye movements
- Push/pull heavy objects without injury to client, self, or others
- Stand, bend, walk and/or sit for up to 24 hours in a prehospital setting, performing physical activities requiring energy without jeopardizing the safety of the client, self, or others
- Walk without a cane, walker, or crutches
- Function with hands free for prehospital care and transporting items

- Transport self and client without the use of electrical devices
- Flex, abduct, and rotate all joints freely
- Respond rapidly to emergency situations
- Maneuver in small areas
- Perform daily care functions for the client
- Coordinate fine and gross motor hand movements to provide safe effective prehospital care
- Calibrate/use equipment
- Execute movement required to provide prehospital care in all health care settings
- Perform CPR and physical assessment
- Operate a computer

PROFESSIONAL BEHAVIOR

- Convey caring, respect, sensitivity, tact, compassion, empathy, tolerance, and a healthy attitude toward others
- Demonstrate a mentally health attitude that is age appropriate in relationship to the client
- Handle multiple tasks concurrently
- Perform safe, effective prehospital care for clients in a caring context
- Understand and follow the policies and procedures of the college and clinical agencies
- Understand the consequences of violating the student code of conduct
- Understand that posing a direct threat to others is unacceptable and subjects one to discipline
- Meet qualifications for licensure by examination as stipulated by the North Carolina Office of Emergency Science (NCOEMS)
- Not to pose a threat to self or others
- Function effectively in situations of uncertainty and stress inherent in providing prehospital care
- Adapt to changing environments and situations
- Remain free of chemical dependency
- Report promptly to internships and remain for up to 24 hours
- Provide prehospital care in an appropriate time frame
- Accepts responsibility, accountability, and ownership of one’s actions
- Seek supervision/consultation in a timely manner
- Examine and modify one’s own behavior when it interferes with prehospital care or learning

Emergency Medical Science Associate Degree – Fall 2022 Entry
CALCULATION OF POINTS FOR RANKING AND SELECTION

| General Education Courses | | | | |
|---|------------------------|---|--------------|-----------------------|
| Course | Possible Points | Semester/Year Course Was Completed | Grade | Ranking Points |
| BIO 163 <i>within last 10 years</i> | A = 7, B = 4, C=3 | | | |
| BIO 168 <i>within last 10 years</i> | A = 8, B = 4, C=3 | | | |
| BIO 169 <i>within last 10 years</i> | A = 8, B = 4, C=3 | | | |
| ENG 111 <i>(a higher level english may also be substituted)</i> | A = 5, B =3, C=2 | N/A | | |
| MAT 143 <i>(a higher level math may also be substituted)</i> | A = 5, B = 3, C=2 | N/A | | |
| Total Points Earned: | | | | |

EMS PROGRAM CURRICULUM OUTLINE

Pre-Requisite Courses

These courses (or higher level) must be taken prior to acceptance to the program.

| Course | Title | Credits |
|-------------------------------------|----------------------------|-----------|
| MAT 143 | Quantitative Literacy | 3 |
| ENG 111 | Writing & Inquiry | 3 |
| BIO 163 | Basic Anatomy & Physiology | 5 |
| Total Pre-Requisite Credits: | | 13 |

EMS Program Courses

| Course | Title | Credits |
|---|--|-----------|
| FALL 2022 | | |
| ACA 111 | College Student Success | 1 |
| EMS 110 | Emergency Medical Technician (EMT) | 9 |
| EMS 150 | Emergency Vehicles & Communications | 2 |
| SPRING 2023 | | |
| EMS 130 | Pharmacology | 4 |
| EMS 131 | Advanced Airway Management | 2 |
| EMS 240 | Patient's with Special Challenges | 2 |
| EMS 260 | Trauma Emergencies | 2 |
| EMS 270 | Life Span Emergencies | 4 |
| SUMMER 2023 | | |
| EMS 122 | Clinical Practicum I | 1 |
| EMS 160 | Cardiology I | 3 |
| | Communications/ English elective | 3 |
| FALL 2023 | | |
| EMS 220 | Cardiology II | 2 |
| EMS 221 | Clinical Practicum II (8-week course) | 2 |
| EMS 231 | Clinical Practicum III (8-week course) | 3 |
| EMS 250 | Medical Emergencies | 4 |
| SPRING 2024 | | |
| EMS 231 | Clinical Practicum IV | 3 |
| EMS 285 | EMS Capstone | 2 |
| PSY 150 | General Psychology | 3 |
| | Humanities/ Fine Art elective | 3 |
| Total Program Credits: | | 55 |
| TOTAL CREDITS REQUIRED FOR DEGREE: | | 68 |



Emergency Medical Sciences Program Application

Return this Application to:

Jeremiah Underwood, Director of EMS Programs
(336) 334-4822, ext. 50378; email: junderwood1@gtcc.edu

Please PRINT OR TYPE the information below. It is the applicant's responsibility to notify GTCC IN ADVANCE OF SUBMITTING THIS APPLICATION of any name, address, or telephone changes.

Name _____
Last First Middle GTCC Student ID Number (not SSN)

Address _____
Number Street Apt. Number

City _____ State _____ Zip _____ Telephone _____

GTCC Email Address _____ Alternate Email _____



Have you previously been accepted or enrolled in the EMS program @ GTCC

Yes (_____) No
Semester/Year

Emergency Medical Science Program Application Checklist

- I **understand** that ALL required documentation must be attached to the *Emergency Medical Science Program Application* at the time it is submitted. I understand that, once I submit my application, nothing can be added to or removed from my file.
- I **verify** that all high school/GED and college transcripts (if applicable) have been received by GTCC and that any applicable transfer credit has been awarded.
- I have **attached** a copy of my GTCC Unofficial WebAdvisor Transcript. I understand that my final grades, including all applicable transfer credits, must be posted to my GTCC transcript by the deadline date to be considered for verification of having met the minimum admission requirements and for earning possible ranking points in the selection process.
- I have **attended or plan to attend** an EMS Program Orientation on _____.
- I have **completed** all aspects of the EMS Admission Packet.

Signature of Applicant

Date