

# Emergency Medical Services – Paramedic (EMS-P), A.A.S.

HEGIS: 5299.00

PROGRAM CODE: 35164

PROGRAM DIRECTOR: Prof. Steven O’Brady

DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Emergency Medical Services-Paramedic (EMS-P) AAS degree prepares students with the professional training and hands-on experience for a career as a Paramedic. The degree provides a balance of general education courses and introduces students to the theory and practice of the Emergency Medical Services-Paramedic field through classroom, laboratory, and clinical experiences. The curriculum provides students with the knowledge of roles and responsibilities within the EMS system, addresses medical/legal and ethical issues, the integration of scene and patient assessment findings, application of the principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention, and the formulation of treatment plans intended to mitigate emergencies and improve the overall health of the patient. Students are eligible for licensure exam(s) after the successful completion of the course of study presented in this degree program.

The curriculum presented here applies to students who started the major in Fall 2026 or Spring 2027. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

***Consultation with the Program Advisor is required.***

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## **Degree Maps:**

[Degree Map for Emergency Medical Services - Paramedic \(EMS-P\), A.A.S.](#)

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

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## **Program Learning Outcomes:**

Upon successful completion of the Emergency Medical Services – Paramedic (EMS-P) degree program requirements, graduates will:

1. understand his/her roles and responsibilities as an entry-level paramedic within an EMS system, and how these roles/responsibilities differ from other levels of providers

2. integrate comprehensive knowledge of EMS systems, safety/well-being of the paramedic and medical/legal and ethical issues, which is intended to improve the health of EMS personnel, patients, and the community
  3. integrate scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression and treatment/disposition plan for a patient with special needs and patients of all ages
  4. apply fundamental knowledge of principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention.
  5. integrate comprehensive knowledge of pharmacology to formulate a treatment plan intended to mitigate emergencies and improve the overall health of the patient.
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### **College Requirements:**

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

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### **Civic Engagement Experiences:**

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

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### **Writing Intensive Requirement:**

One (1) Writing Intensive Course in any discipline is required.

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### **Required Core (4 Courses, 12 Credits):**

**When Required Core Courses are specified for a category, they are required for the major**

- ENG 1200 - Composition I 3 Credit(s)
  - ENG 2400 - Composition II 3 Credit(s)
  - **Mathematical & Quantitative Reasoning Course\***
  - **Life & Physical Sciences Course 3 Credit(s)**
    - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)
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### **Flexible Core (2 Courses, 7 Credits):**

The following **two (2)** courses are required in the major and also satisfy CUNY Flexible and Required Core, Scientific World (Group E) requirement:

#### **E. Scientific World Designated Course\***

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)

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## Major Requirements (10 Courses, 40 Credits):

- EMS 100 - Emergency Medical Technician - Basic 5 Credit(s)
  - EMS 101 - EMT - Basic Clinical I 1 Credit(s)
  - EMS 210 - Paramedic I 7 Credit(s)
  - EMS 211 - Paramedic Clinical I 2 Credit(s)
  - EMS 220 - Paramedic II 5 Credit(s)
  - EMS 221 - Paramedic Clinical II 3 Credit(s)
  - EMS 230 - Paramedic III 7 Credit(s)
  - EMS 231 - Paramedic Clinical III 2 Credit(s)
  - EMS 240 - Paramedic IV 5 Credit(s)
  - EMS 241 - Paramedic Clinical IV 3 Credit(s)
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## Electives:

0 credits sufficient to meet required total of 60 credits

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## Notes:

\* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

The *Emergency Medical Services Paramedic (EMS-P), A.A.S.*, has initial accreditation with New York State Department of Health Bureau of Emergency Medical Services, NYS Department of Health, 875 Central Avenue, Albany, NY 12206 or phone (518) 402-0996. The Kingsborough Community College Paramedic Program has initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation of Education Programs for the Emergency Medical Services Profession (CoA EMSP). Graduates of the Kingsborough Community College Paramedic Program are eligible to take the paramedic examination at the New York State, New York City, and national level. The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is located at 25400 U.S. Highway 19 N, Suite 158, Clearwater, FL 33763 or phone (727) 210-2350, [www.caahep.org](http://www.caahep.org).

**Total Credits: 60**

## **THE A.A.S. IN EMERGENCY MEDICAL SERVICES HAS A LIMITED NUMBER OF SEATS AVAILABLE FOR ADMISSION.**

**ALL FIRST-TIME FRESHMAN AND TRANSFER STUDENTS ARE ENROLLED AS LIBERAL ARTS (A.A.) STUDENTS. ONCE STUDENTS SATISFACTORILY COMPLETE A SEQUENCE OF COURSES THEY WILL BE CONSIDERED INTO THE EMS MAJOR.**

The Paramedic Program provides the professional skills and knowledge for a health care career as an entry-level Paramedic. The Paramedic is the highest level of the health care provider outside of the hospital setting. The program introduces the theory and practice of Emergency Medical Services and the role of the Paramedic in the area of prehospital care via the classroom, laboratory and actual clinical settings such as hospitals and ambulances. After successful completion of the program, students will be eligible to sit for the Paramedic-level examination in New York City, New York State and the National Registry.

### **Admission Requirements**

To be considered for the Paramedic Program, students must be English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or have successfully completed any required developmental or corequisite model course(s).

Students must complete BIO 1100, ENG 1200, EMS 100, and EMS 101 with a minimum grade of "C" as well as two of the following courses: BIO 1200, ENG 2400, PSY 1100, or any 3-credit Math and Quantitative Reasoning course with a minimum grade of "C" prior to placement in the first paramedic-level course (EMS 210).

Students must also have a minimum of 200 patient contact hours as an Emergency Medical Technician (EMT) prior to registration in EMS 210.

Students must meet with the Program Director.

### **Retention Criteria**

Criteria for retention in the Paramedic Program mandates that students:

1. Earn a minimum of a "C" grade in the following general education courses: ENG 2400, BIO 1200, PSY 1100, and any 3-credit Math and Quantitative Reasoning course. Students who earn less than a grade of "C" may repeat the course ONE TIME and must earn at least a grade of "C" in the repeated course. Students may not repeat more than two general education courses.
2. Earn a minimum grade of "C" in all EMS courses.

3. Earning less than a "C" grade in an EMS course may repeat the course ONE TIME (subject to space and availability). The minimum grade for EMS courses that are repeated is a "C."
4. Who earn a second grade of less than a "C" in any EMS course will be dismissed from the Paramedic Program.

Any student who has not attended EMS courses for two or more consecutive semesters cannot be readmitted into the Paramedic Program unless qualifying examinations have been passed in sequential order of the courses previously completed. These qualifying examinations can be repeated only once. In addition, the student must demonstrate clinical competency by passing a clinical practical examination prior to returning to any of the clinical courses.

In order to receive an A.A.S. in Emergency Medical Services- Paramedic, a student must complete the final 24 credits toward that degree while enrolled at Kingsborough.

## **Certification Requirements**

According to New York State Department of Health Bureau of Emergency Medical Services (NYS DOH BEMS) policy, the requirements for all EMTs/Paramedics are:

- Complete the Application for Emergency Medical Services Certification (DOH-65), including affirmation regarding criminal convictions
- Successfully complete an approved New York State EMT-B or AEMT course
- Achieve a passing score on the practical and written certification examinations
- Must be at least 18 years of age by the end of the month in which they are scheduled to take the written certification examination
- Knowledge and skills required show need for high school or equivalent education
- Ability to communicate effectively via telephone and radio equipment
- Ability to lift, carry and balance up to 125 pounds (250 pounds with assistance)
- Ability to interpret oral, written and diagnostic form instructions
- Ability to use good judgment and remain calm in high stress situations
- Ability to be unaffected by loud noises and flashing lights
- Ability to function efficiently without interruption throughout an entire work shift
- Ability to calculate weight and volume ratios
- Ability to read English language, manuals and road maps

- Ability to accurately discern street signs and addresses
- Ability to interview patients, patient family members and bystanders
- Ability to document, in writing, all relevant information in prescribed format in light of legal ramifications of such
- Ability to converse, in English, with coworkers and hospital staff with regard to the status of the patient
- Possesses good manual dexterity with ability to perform all tasks related to the highest quality patient care
- Ability to bend, stoop and crawl on uneven terrain
- Ability to withstand varied environmental conditions such as extreme heat, cold and moisture
- Ability to work in low light situations and confined spaces
- Ability to work with other providers to make appropriate patient care decisions

For more information regarding this policy, you can refer to [www.health.ny.gov/professionals/ems/policy/00-10.htm](http://www.health.ny.gov/professionals/ems/policy/00-10.htm)

## **New York State DOH BEMS Policy on Criminal Conviction:**

In accordance with the provisions of the State Emergency Medical Services (EMS) Code - 10 NYCRR Part 800, applicants for EMS certification or recertification must not have been convicted of certain misdemeanors or felonies. The Department will review all criminal convictions from any federal, military, state and/or local jurisdiction to determine if such convictions fall within the scope of those specified in Part 800, or to determine if the applicant for certification represents a potential risk or danger to patients or the public at large.

The regulation does not prevent an applicant with a criminal conviction from attending and completing all of the requirements of an EMS course. However, it may prevent the applicant from becoming certified in New York State until the Department has conducted a review and investigation of the circumstances of the conviction(s) and made a determination that the applicant does not demonstrate a risk or danger to patients. For more information about this NYS DOH BEMS policy, refer to [www.health.ny.gov/professionals/ems/policy/09-05.htm](http://www.health.ny.gov/professionals/ems/policy/09-05.htm)

## **Paramedic Clinical Courses**

Following the successful completion of the EMT component of the program, students will enroll in paramedic-level clinical courses and will participate in actual patient care on ambulances and in various departments at different hospitals.

## **Malpractice Insurance – Health Clearance - CPR Certification – Criminal Background Check**

Prior to the registration for the practicum, students in the Paramedic Program are required to obtain a criminal background check. In addition, students must obtain health clearance from the Kingsborough Community College Office of Health Services. A-108. Students can obtain information regarding annual physical examination, immunizations, and tuberculosis testing from the Office of Health Services.

Prior to registration in their first practicum, students must also obtain CPR certification and provide documentation of malpractice insurance valid for the entire semester to the Paramedic Program Office, located in T2-280. Information on obtaining CPR certification and malpractice insurance is available in the Paramedic Program Office.

Students are required to purchase uniforms as per the policy and procedures of the Paramedic Program. They may opt to purchase individual protective goggles.

This program's academic requirements are demanding, and students are cautioned to plan their work schedules and extracurricular activities with this in mind. In addition to the classroom and laboratory hour requirements, students are required to, at a minimum, participate in one eight-hour clinical rotation at a hospital and two eight-hour rotations on an ambulance per week.

Both the New York State Department of Health Bureau of Emergency Medical Services and the New York State Education Department have approved Kingsborough Community College to offer the Paramedic Program.

## **Disability Services**

It is college policy to provide reasonable accommodations to students with disabilities. Any student with a documented disability who may need accommodations is requested to speak directly to Access-Ability Services, D-205, (718) 368-5175. All discussions will remain confidential.

**Degree Information**Catalog Year: **2026 - 2027**Plan: **Emergency Medical Services AAS**Sub Plan: **NONE**Required Credits: **60****General Requirements**Req GPA: **2.0**Req Residential Credits: **30**Req Pathways Credits: **20**Req Civic Engagement: **1**Req Writing Intensive: **1****1**

Session A

| COURSE   | CRS |
|----------|-----|
| ENG 1200 | 3   |
| BIO 1100 | 4   |
| EMS 100  | 5   |
| EMS 101  | 1   |

Session B

| COURSE | CRS |
|--------|-----|
|        |     |
|        |     |

**2**

Session A

| COURSE                        | CRS |
|-------------------------------|-----|
| ENG 2400                      | 3   |
| BIO 1200                      | 4   |
| PSY 100                       | 3   |
| MATH & QUANTITATIVE REASONING | 3   |

Session B

| COURSE | CRS |
|--------|-----|
|        |     |
|        |     |

**3**

Session A

| COURSE  | CRS |
|---------|-----|
| EMS 210 | 7   |
| EMS 211 | 2   |
|         |     |
|         |     |

Session B

| COURSE  | CRS |
|---------|-----|
| EMS 220 | 5   |
| EMS 221 | 3   |

**4**

Session A

| COURSE  | CRS |
|---------|-----|
| EMS 230 | 7   |
| EMS 231 | 2   |
|         |     |
|         |     |

Session B

| COURSE  | CRS |
|---------|-----|
| EMS 240 | 5   |
| EMS 241 | 3   |

**NOTE: The term-by-term course sequence takes into account necessary Prerequisites, Corequisites, and Pre-/Co-requisites****NOTE: Select ONE (1) WRITING INTENSIVE course & ONE (1) CIVIC ENGAGEMENT course. Some courses meet BOTH requirements, see CUNYfirst to determine course status**SEMESTER CRS: **13**SEMESTER CRS: **13**SEMESTER CRS: **17**SEMESTER CRS: **17****CAREER AND TRANSFER MILESTONES****1**

| CAREER & TRANSFER EXPLORATION ACTIVITIES                                                                                                                        | Done |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <u>Claim your Handshake Account (Kingsborough)</u>                                                                                                              |      |
| <u>Join Student Club, Student Government Association (SGA) or groups relevant to career choice/pathway to build your network and skills.</u>                    |      |
| <u>Research and explore desired career pathway via career coach. Including researching Baccalaureate Programs and Complete a Transfer Plan (if applicable).</u> |      |
| Draft Basic Resume with assistance from the Career Center.                                                                                                      |      |
| Students should actively seek EMS Ride-Along/job shadowing experience for early exposure to real-world EMS operations and career expectations.                  |      |
| Attend EMS Guest Speaker Series Event.                                                                                                                          |      |
| Strengthen career readiness through NYS EMT Certification Exam preparation actives.                                                                             |      |
| Volunteer or attain Part-Time Employment as a Certified NYS EMT and complete minimum of 200 patient contact hours as an EMT.                                    |      |

**2**

| CAREER & TRANSFER EXPLORATION ACTIVITIES                                                                                                                  | Done |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <u>Create your LinkedIn profile</u>                                                                                                                       |      |
| Draft a Basic Cover Letter with assistance from the Career Center.                                                                                        |      |
| <u>Career Planning - Join Professional Organization - National Association of Emergency Medical Technicians (NAEMT) [Student Membership]</u>              |      |
| <u>Attend a Professional/Networking Event Outside of KCC - EMS World Expo, NAEMT Annual Meeting, or FDNY Search &amp; Rescue Field Medicine Symposium</u> |      |
| Meet with EMS faculty to assess EMS-P application readiness and align academic preparation with career goals for the field.                               |      |
| Participate in an Interprofessional Education Activity with students from KCC's Nursing and Allied Health programs.                                       |      |
| Complete all required health clearances and background checks to ensure eligibility for clinical placements and professional practice settings.           |      |
| Earn the American Heart Association BLS Certification, an industry-required credential for healthcare professionals.                                      |      |
| Participate in community education and public health events.                                                                                              |      |
| Attend Transfer Events (if applicable).                                                                                                                   |      |

**3**

| CAREER & TRANSFER EXPLORATION ACTIVITIES                                                                                                                                                                                                                                                                                                                                                                                         | Done |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <u>Career Planning - Join Professional Organization - American College of Paramedics [Student Membership]</u>                                                                                                                                                                                                                                                                                                                    |      |
| Strengthen career readiness through initial preparation activities for the National Registry of Emergency Medical Technicians (NREMT) Exam and NYS DOH Paramedic Certifications.                                                                                                                                                                                                                                                 |      |
| <u>Attend a Professional/Networking Event Outside of KCC - NAEMSE Symposium, State/Regional EMS Conferences, or CoAEMSP Conferences.</u>                                                                                                                                                                                                                                                                                         |      |
| Planning for References (Job & Transfer) - Secure EMS Faculty Mentor(s) who are aware of your interests, abilities, skills and work habits and obtain letters of recommendation.                                                                                                                                                                                                                                                 |      |
| Find a Mentor to Check in with Periodically: Establish a relationship with someone who can provide guidance and advice related to your career goals.                                                                                                                                                                                                                                                                             |      |
| <u>Practice the in-demand skills of leadership &amp; team management, professional communication, clinical decision-making, emotional intelligence, and technology literacy (ePCR systems, telemedicine, and EMS data platforms). Skills can be practiced via KCC hosted Paramedic Simulation Competition and Campus Training Sessions with Nursing and Allied Health students, volunteer service, and employment as an EMT.</u> |      |
| Participate in KCC Mass Casualty Incident (MCI) Drill/Disaster Simulation.                                                                                                                                                                                                                                                                                                                                                       |      |
| Participate in simulated EMS job interviews with EMS Faculty to improve performance and readiness for real employment situations.                                                                                                                                                                                                                                                                                                |      |
| <u>Explore internship opportunities through CUNY Career Launch and Spring Forward (Healthcare Services).</u>                                                                                                                                                                                                                                                                                                                     |      |
| Start the transfer process to a Baccalaureate program (if applicable).                                                                                                                                                                                                                                                                                                                                                           |      |

**4**

| CAREER & TRANSFER EXPLORATION ACTIVITIES                                                                                                                                                                                                                         | Done |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <u>Career Planning - Join Professional Organization(s) [Full Membership]</u>                                                                                                                                                                                     |      |
| Complete preparation activities for the NREMT and NYS DOH Paramedic Certifications to support career advancement.                                                                                                                                                |      |
| Take advantage of events offered by campus Career and Professional Development offices to perfect your job search and sharpen your interview and employability skills. Update your LinkedIn profile and resume with new certifications, experiences, and skills. |      |
| <u>Complete the proactive steps of National and State Certifications, completed portfolio and recommendation letters, and expanded certifications (PHTLS/ITLS, PEPP/AMLS).</u>                                                                                   |      |
| Participate in Hiring Process Preparation activities with EMS Faculty to ensure healthcare hiring readiness and compliance expectations.                                                                                                                         |      |
| Apply for EMS employment opportunities with EMS agencies, hospitals, or fire departments.                                                                                                                                                                        |      |
| Accept your offer to Enroll in a Baccalaureate program (if applicable).                                                                                                                                                                                          |      |
| Complete CUNY Cap and Gown Survey                                                                                                                                                                                                                                |      |

**Important Notes:**

Students MUST earn a minimum grade of "C" in ALL EMS and General Education courses