PARAMEDIC PROGRAM

ADMISSION REQUIREMENTS

Rolling Admissions

School of Health Sciences
Dear Prospective Paramedic Student,

Congratulations on considering the paramedic profession as a career choice. In the paramedic program, you will gain the advanced knowledge and skills needed to practice competently in the pre-hospital arena.

Paramedics are in great demand! As advances in patient care technologies and therapies occur, the role of the paramedic will expand to meet the challenges. Employment is now available in the fields of:

- 911 transport service
- Critical care transport
- Primary care in the home or outpatient clinics
- Industrial settings
- Sports medicine
- Private transport services-ambulance, airplane, helicopter

Under physician direction and as a valued member of the health care team, paramedics of the 21st century are in a position to meet the challenges of today’s health care and to act in the best interest of the patient.

We will admit students to this rolling admission program in early August. Applicants wishing to begin the program must submit a complete application packet for consideration.

We look forward to assisting you.

Sincerely,

Claudia (Tina) Clark, BA, NRP
Department Chair, EMT-Paramedic Program
School of Health Sciences
Email: clclark@aacc.edu

Tammie D. Neall, MS, MT (ASCP)
Manager, Admissions and Advising
School of Health Sciences
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The Anne Arundel Community College Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP)

To contact CAAHEP:
25400 U.S. Highway 19 North
Suite 158
Clearwater, FL 33763
www.caahep.org

To contact CoAEMSP:
8301 Lakeview Parkway, Suite 111-312
Rowlett, TX 75088
214-703-8445
Fax: 214-703-8992
www.coaemsp.org
MISSION

We seek to prepare competent entry-level paramedics who are capable of providing comprehensive, compassionate, and efficient pre-hospital emergency medical care. Students enrolling in the Paramedic program can be assured that Anne Arundel Community College, the School of Health Sciences, and the EMT Department are committed to fostering excellence of teaching and learning opportunities for all.

PROGRAM GOALS

The Paramedic program utilizes the National Highway Traffic Safety Administration (NHTSA) Education Standards throughout all the courses ensuring the cognitive, psychomotor and affective domains in the educational process are met. The NHTSA publishes the National Emergency Medical Services Education Standards.

Following completion of the program, the paramedic student will be able to:

1. Successfully complete the National Registry Paramedic written and practical exams.
2. Utilize critical thinking, technical abilities and problem-solving skills in providing pre-hospital emergency medical care.
3. Maintain a professional attitude while making medical and ethical decisions.
4. Provide competent emergency care to sick or injured individuals.
5. Provide emotional support to patients and their families.
6. Help the community by providing instruction on positive health practices.

SPIRIT OF COMMUNITY STATEMENT

Anne Arundel Community College is built on our commitment to excellence, engagement in the learning process, mutual respect and courtesy.

As a part of the Anne Arundel Community College community, each paramedic student accepts responsibility for his/her own conduct and will:

- Respect the rights and property of all members of the campus community
- Uphold personal, academic and professional integrity
- Practice honesty in communication
- Listen to others’ viewpoints
- Recognize the strength of diversity
- Oppose bigotry
- Work with others to uphold these standards
- Practice professional behaviors and attitudes as described in the Paramedic Standards of Practice
College Admission Information

Students who wish to apply for the Paramedic degree at Anne Arundel Community College should indicate Paramedic degree as the field of study and the goal as “degree seeking” on the College Admission Application or Student Academic Program/Curriculum Change Form available in Counseling, Advising and Retention Services (CARS). Students who plan to complete the Paramedic certificate at Anne Arundel Community College should indicate the Paramedic certificate and the goal as “certificate in Paramedic” on the College Admission Application or Student Academic Program/Curriculum Change Form. To facilitate enrollment, bring a copy of ACT, SAT or advanced placement scores and unofficial college transcripts to CARS. Students who transfer should follow the usual procedures for sending official transcripts to the college Records office. Application to the Paramedic course sequence is a separate process. Application to the Paramedic curriculum does not assure students of selection into the Paramedic course sequence.

Students can apply to Anne Arundel Community College online at www.aacc.edu. Paper copies of the college application are available in the college’s Admissions office upon request.

Advising

New students should contact Counseling, Advising, & Retention Services at 410-777-2307, and select option 1 for advising.

Current students should follow the instructions below:

- Log into MyAACC https://portal.aacc.edu
- Click on MENU
- Select SELF SERVICES
- Locate and click on OASIS in the Self Services Resource Links section

Students who are transferring general education requirements should have official transcripts sent directly to the college Records office. In order to facilitate evaluation of transfer credits to meet academic requirements, official transcripts from ALL previously attended institutions of higher education must be submitted in a timely manner.

Admission/Academic Requirements

First consideration for selection will be given to candidates whose resident address is in Anne Arundel County for at least three months prior to the date the application is submitted (address verification required). Out-of-county applicants will be reviewed only when space is available.

Application Submission

- Applications are accepted for the Paramedic Program on a rolling admission basis for selection. The Program will begin early August. Students will apply for the Paramedic Program only after meeting all academic and admission criteria. Once the applicants admission criteria have been verified, that student receives conditional acceptance for the next available seat. Incomplete applications are not considered and will be sent back to the student for resubmission once they are complete. Students need only apply once to the program, providing their application is complete. A future seat will be reserved for them once the student meets the criteria for admission.
Information Session

- Attendance at an information session is required, or view the online information session. Please call 410-777-7310 for dates and times or visit http://www.aacc.edu/apply-and-register/credit-application/health-science-applicants/. To view the online information session, please visit https://ola.aacc.edu/ID/Multimedia/EMT/EMT-InformationSession/.

Photo Identification

- Applicants are required to submit a photocopy of their Maryland driver’s license or a photocopy of a government-issued photo ID attached to their application.

International Students

- Foreign educated students must have their college and high school transcripts evaluated by one of the following credential evaluators:
  ♦ ECE (Educational Credential Evaluators) at www.ece.org
  ♦ WES (World Education Services) at www.wes.org
  This evaluation must be done prior to evaluation by the Records office at Anne Arundel Community College. Please be advised that this process may take several weeks.

- **ALL** international students whose native language is not English must successfully pass the TOEFL (Test of English as a Foreign Language) with a minimum score of 550 (213 is the equivalent computer score and 79 is the equivalent Internet-based score) or must have completed the ENG 111/112 or ENG 115/116 or ENG 121 course sequence with grades of “C” or better prior to applying to the EMT-Paramedic program. Anne Arundel Community College’s code for TOEFL is 5019.

- Valid Immigration Documentation for Non-US Citizens
  ♦ Non-U.S. Citizen applicants must submit valid immigration documentation to the AACC Admissions and Enrollment Development Office in order to complete the required College Application. For assistance regarding immigration documentation needed, please call 410 777-2152. Incomplete college applications may result in non-selection of a health sciences program.

  ♦ Please Note: Students without a Social Security number may not be permitted at some clinical rotation sites; site availability may delay or inhibit progression in the program. An International Student Admission Specialist in the AACC Admissions and Enrollment Development Office may be able to assist international students with F-1 visa status to obtain a Social Security number through Practical Training; please contact them at 410-777-2677. For detailed information, please refer to the college catalog (available on campus or online at http://catalog.aacc.edu

English

Students must demonstrate eligibility for ENG 111, 115 or 121 as evidenced by one of the following:

- Satisfactory ACT (18 or higher) or SAT (510 or higher) scores according to the college standard. If available, please submit a copy of the scores to the Records office. OR

- Satisfactory scores on the English Placement Test**. OR

- Successful completion of noncredit developmental English requirements as determined by ACT, SAT or English Placement Test scores. OR

- Transfer of credits for ENG 111 from other institutions or credits awarded on basis of CLEP, advanced placement exam or honors English course.
Arithmetic Placement Test

Certificate and Degree-Seeking Students:

- Students must demonstrate proficiency in arithmetic by achieving a score of 27 or better on the Arithmetic Placement Test by the application deadline.

- All students must take this test. Only one retake of the test is allowed.

- Students receiving a score of less than 27 on the retake must enroll in MAT 005 and complete it with a grade of “C” or better by the application deadline. A grade of “C” or higher in MAT 005 will meet the requirement for the Arithmetic Placement Test. If a student took the former Health Sciences Arithmetic Placement test prior to June 1, 2009 and scored a 19 out of 25 or better, that score will be sufficient.

- General Education Mathematics courses do not satisfy this requirement.

Mathematics

Degree-Seeking Students only:

Students enrolled in the Paramedic degree option must demonstrate eligibility for any general education math as evidence by one of the following:

- Satisfactory ACT or SAT scores according to the college standard. If available, please submit a copy of the scores to the Records office. OR
- Satisfactory score on the Mathematics Placement Test.** OR
- Transfer of credits for any general education math from other institution(s).

** Placement Tests may be taken in the Testing Center. For times and locations, call 410-777-2495. Information on CLEP is available at the Testing Center.

Satisfactory Academic Standing

Students must have a minimum adjusted grade point average (GPA) of 2.0 at this college to be considered for selection to the Paramedic course sequence.

Emergency Medical Technician Certification

- Applicants must provide a copy of their current Maryland EMT certification card with program application in order to be eligible for selection into the Paramedic program. If you do not have your EMT Certification card, you can enroll and complete AACC’s EMT 105 class and obtain your certification prior to applying to the program.

- Emergency Medical Services Affiliation is a MANDATORY requirement for enrollment into the Paramedic program and continuation in the Paramedic program.

Important Information

- State and national regulations require students to be at least 18 years of age to take certification exam.
- Attendance is required for ALL Paramedic classes/clinical. Absence can result in automatic dismissal from the program. Successful completion of all EMT courses, with a grade of “C” or better and successful completion of all clinical is required for continuance in the program.
- Students will be expected to practice patient care skills on each other in the college lab.
- Successful completion of a required National Registry Psychomotor portfolio is mandatory for program completion.
Prerequisite Courses for Certificate and Degree Students

The ACA 100 course and one of the following biology courses for entry into EMT 115 must be completed by the date the application is submitted, with a grade of “C” or better, to be considered for selection to the Paramedic Course Sequence. Please note that there are prerequisites to BIO 232 and BIO 234. Please see college catalog.

* Students enrolled in the Paramedic Certificate program should consult their program adviser for math eligibility.
** BIO 231 is a prerequisite for BIO 232
‡ BIO 101 and BIO 233 are prerequisites for BIO 234

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 230*</td>
<td>Structure and Function of the Human Body **</td>
<td>4</td>
</tr>
<tr>
<td>BIO 232**</td>
<td>Human Biology 2 or</td>
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<tr>
<td>BIO 234‡</td>
<td>Anatomy and Physiology 2</td>
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<tr>
<td>ACA 100</td>
<td>Student Success or evidence of completion of 27 academic college credits with a cumulative GPA of 2.0</td>
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General Education Courses (for Degree-Seeking Students)

Students must successfully pass all general education courses listed below. General education courses may be taken prior to or after Paramedic courses. It is not recommended to take general education courses concurrently with Paramedic courses.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAT*</td>
<td>General Education</td>
<td>3</td>
</tr>
<tr>
<td>PSY 111</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ENG 111-112+</td>
<td>Composition and Introduction to Literature 1, 2 or</td>
<td>3-6</td>
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<tr>
<td>ENG 115-116</td>
<td>Composition and Introduction to Literature for Nonnative Speakers 1,2 or</td>
<td></td>
</tr>
<tr>
<td>ENG 121++</td>
<td>Composition and Literature</td>
<td></td>
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<tr>
<td>CTA 100</td>
<td>Computing and Information Technology (formerly CSI 112) or</td>
<td>4</td>
</tr>
<tr>
<td>CTP 103</td>
<td>Theories and Applications of Digital Technology (effective Fall 2017)</td>
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<tr>
<td>COM 111</td>
<td>Fundamentals of Oral Communication or</td>
<td>3</td>
</tr>
<tr>
<td>COM 116</td>
<td>Fundamentals of Oral Communication for Nonnative Speakers</td>
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* Certificate-seeking students must consult academic adviser or program coordinator for specified math eligibility requirements.
+ Prerequisite: An appropriate score on the verbal part of the ACT, SAT or on the English and reading sections of the college’s Placement Test.
++ Note: Students who earn credit in this course cannot earn credit in ENG 111 and/or ENG 112. If a student whose program requires six hours of English composition successfully completes ENG 121, the student has fully satisfied the English composition obligation. If a student whose program requires twelve hours of English successfully completes ENG 121, the student must satisfy the program requirement with six additional hours of English. Note: Also offered as ENG 121H; credit is not given for both ENG 121 and ENG 121H.
Paramedic Course Sequence

The Paramedic Associate of Applied Science Degree includes the prerequisite courses, the general education courses and the paramedic course sequence: EMT 115, 118, 119, 215, 270. The Paramedic certificate includes the prerequisite courses and the paramedic course sequence.

**PARAMEDIC CERTIFICATE**

**Award:** Certificate  
Code and eligibility for paramedic national registry exam

**Total Credit Hours:** A minimum of 40 credit hours

**Purpose:** Prepares students for state and national certification as Paramedics. There is a fee for the national registry exam.

**Range of Occupations:** Paramedic in fire and emergency medical services system, inter-hospital transport, or in an industrial or health care facility setting.

**PARAMEDIC DEGREE**

**Award:** Associate of Applied Science, A.A.S.  
Code and eligibility for paramedic national registry exam

**Total Credit Hours:** A minimum of 61 credit hours.

**Purpose:** Prepares students for state and national certification as Paramedics. There is a fee for the national registry exam.

**Range of Occupations:** Paramedic in fire and emergency medical services system, inter-hospital transport, or industrial or health care facility setting.

**Requirements:** Refer to the general education degree requirements section in the current college catalog to ensure that general education and computing and information technology degree requirements are included in your course selections.

*A minimum grade of “C” or better is required for ALL EMT courses.*  
*Course Sequence Pending MHEC Approval*

<table>
<thead>
<tr>
<th>First Year</th>
<th>Summer 2/3 Term</th>
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<tbody>
<tr>
<td>EMT 115 *</td>
<td>Introduction to Paramedic</td>
</tr>
<tr>
<td></td>
<td>2 week session</td>
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<td>Total credit hours 2</td>
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<tr>
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<th>Fall Term</th>
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<tbody>
<tr>
<td>EMT 118 *</td>
<td>Paramedic 1</td>
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<tr>
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<td>Total credit hours 13</td>
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<tr>
<th></th>
<th>Spring Term</th>
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</thead>
<tbody>
<tr>
<td>EMT 119 *</td>
<td>Paramedic 2</td>
</tr>
<tr>
<td></td>
<td>Total credit hours 13</td>
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<table>
<thead>
<tr>
<th></th>
<th>Summer Terms</th>
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<tbody>
<tr>
<td>EMT 215 *</td>
<td>Paramedic 3</td>
</tr>
<tr>
<td>EMT 270 *</td>
<td>Paramedic Capstone</td>
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<tr>
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<td>Total credit hours 12</td>
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Total credit hours (Certificate) # Minimum 40

# Not including prerequisite courses
EMT-BASIC CERTIFICATION

EMT 105 - Emergency Medical Technician (EMT)
10 credit hours - 128 hours of lecture, 52 hours of laboratory; one term.
Learn basic training for personnel who will deliver emergency medical care to the sick or injured of all ages in the pre-hospital setting. Focus on how to control the emergency scene, make patient assessments and manage patients in the field or in an ambulance. Successful completion leads to Health Care Provider CPR and AED certification and eligibility to take the Maryland State Practical Exam and the National Registry of Emergency Medical Technician’s Written Examination. Attendance is mandatory for all classes. There is a fee for the state and national exams. Affiliation with an Emergency Medical Services (EMS) jurisdiction is required for state certification. Lab fee $75.
Prerequisite: Eligibility for ENG 111 or ENG 115 or ENG 121.
NOTE: Credit is not given for both EMT 104 and EMT 105.

PARAMEDIC COURSES

EMT 115 – Introduction to Paramedic
2 credit hours – 24 hours of lecture, 12 hours of college lab; one term.
Integrate appropriate medical language and knowledge of the emergency medical services (EMS) systems with the safety and well-being of the paramedic. Synthesize medicolegal and ethical issues intended to improve the health of EMS personnel, patients, and their community. Apply medical mathematical calculations for patient medication administration.
Lab fee $50.
Prerequisite: Admission into the Paramedic Program

EMT 118 – Paramedic 1
13 credit hours – 120 hours of lecture, 90 hours of college lab, 90 hours of hospital clinical and field experience; one term.
Learn the duties and responsibilities of a paramedic in utilizing advanced life support concepts and practices of infection control, patient assessment, and pharmacological intervention. Explore and apply advanced medical management techniques for behavioral, respiratory and cardiovascular emergencies. Practice selected procedures on each other during college lab.
Lab fee $250. Clinical fee $100
Prerequisite: EMT 115 with a grade of C or better

EMT 119 – Paramedic 2
13 credit hours – 120 hours of lecture, 90 hours of college lab, 90 hours of hospital clinical and field experience; one term.
Apply pathophysiological processes and treatment modalities in the pre-hospital management of injuries and illnesses. Explore treatments specific to special populations including pediatric, geriatric and varying cultures and religious beliefs. Integrate pharmacological interventions and management for emergencies in medical and trauma conditions. College lab and clinical settings provide skill performance and mastery opportunities. Practice selected procedures on each other during college lab.
Lab fee $250. Clinical fee $100
Prerequisite: EMT 118 with a grade of C or better.

EMT 215 – Paramedic 3
5 credit hours - 30 hours of lecture, 60 hours of college lab, 48 hours of field experience; one term.
Synthesize advanced pathological concepts, principles and skill mastery in caring for patients in a pre-hospital environment. Utilize critical thinking skills through scenario-based assessment to formulate and institute a clear and concise treatment and disposition plan for various diseases and injuries. Integrate team leadership, crew resource management techniques, patient advocacy and entry-level practice as a paramedic professional. Practice selected procedures on each other during college lab.
Lab fee $100
Prerequisite: EMT 119 with a grade of C or better or permission of EMT department chair.
EMT 270 – Paramedic Capstone
7 credit hours-8 hours of lecture, 60 hours of college lab, 204 hours of capstone field experience; nine week course; one term
Utilize critical thinking skills, comprehensive history and physical assessment within their patient interactions to formulate and institute an appropriate field impression and treatment plan for various diseases and injuries. Identify factors affecting the health and health needs of a patient. Integrate team leadership, patient advocacy and entry-level practice as a paramedic professional. Demonstrate skill mastery as an entry-level paramedic provider in scenario based testing. Demonstrate effective communications in a manner that is culturally sensitive and intended to improve the patient outcome. Practice selected procedures on each other during college lab.
Lab fee $150. Clinical fee $100
Prerequisite: EMT 215 with a grade of C or better.

PREREQUISITE COURSES

ACA 100 – Student Success
1 credit hour
Explore college academic support services and faculty expectations. Examine study skills, note taking, strengthening memory and concentration, and time management. Assess your own learning style, choose a career path, set goals and develop an educational plan. Transition to college and develop tools to ensure your academic success.  
(Student is waived from this course if they have earned a C or better in 27 or more college credits with 2.0 GPA)

BIO 230 - Structure and Function of the Human Body
4 credit hours - Three hours of lecture and three hours of lab weekly; one term
Learn the anatomy and physiology of the human body. Surveys the major systems of the body, cells, and tissues. Considers clinical disorders of major systems
Lab fee $30.
Prerequisite: Eligibility for ENG 111 or ENG 115 or ENG 121 and either eligibility for any general education math or a score of 27 or better on the Arithmetic Placement Test or a B or better in MAT 005. Students enrolled in the EMT-P Certificate program should consult their program adviser for math eligibility.

OR

BIO 232 - Human Biology 2
4 credit hours - Three hours of lecture and three hours of laboratory weekly; one term
Study of anatomy and physiology of the circulatory, lymphatic, respiratory, urinary, nervous, endocrine and reproductive systems. Additional topics include body fluid composition, acid-base balance, electrolytes and early human development.
Lab fee $30.
Prerequisite: BIO 231 and eligibility for ENG 111 or ENG 115 or ENG 121.

OR

BIO 234 - Anatomy and Physiology 2
4 credit hours - Three hours of lecture and three hours of laboratory weekly; one term
A study of the histology, gross anatomy and physiology of the circulatory, lymphatic, respiratory, digestive, urinary, endocrine and reproductive systems and early human development. Lab fee $30.
Prerequisite: BIO 233 and eligibility for ENG 111 or ENG 115 or ENG 121.
GENERAL EDUCATION COURSES

CTA 100 (formerly CSI 112)
Computing and Information Technology
4 credit hours - Four hours of lecture and directed laboratory weekly, one term
Learn computing and information technology concepts and skills that are fundamental to social, personal, business and academic environments. Learn about the Internet, networking, hardware, software, security, privacy, ethics and emerging technologies. Participate in hands-on labs using Microsoft Office applications including word processing, spreadsheets, databases, presentations and the Windows Operating System. Lab fee $25.
Prerequisite: Eligibility for ENG 111 or ENG 115 or ENG 121.
Note: Credit is not given for both CTA 100 and CTA 103.

OR

CTP 103 (formerly CSI 113 and CTA 103)
Theories and Applications of Digital Technology
4 credit hours — Four hours of lecture and directed lab weekly; one term
Learn digital representation of information, data communications, computer networks, database systems and security. Learn computer hardware and software, the Internet and Web technologies, operating systems, software development, information systems, computer ethics and social issues. Use hands-on lab experiences are included to incorporate the knowledge of hardware and software.
Lab fee $25.
Prerequisite: Eligibility for ENG 111 or ENG 115 or ENG 121.
Note: This is the first course in computing for students planning to major in a technology field and an excellent choice for students interested in science, engineering and mathematics. Credit is not given for both CTA 100 and CTA 103.

ENG 111 - Composition and Introduction to Literature 1
3 credit hours — Three hours weekly; one term
Study single-paragraph and multi-paragraph writing. Gain substantial writing practice both in and out of class. Read short fiction and poetry.
Prerequisite: Adequate preparation as determined by the English department or successful completion of ENG 001 and ENG 002 and RDG 024 or RDG 028.

ENG 112 - Composition and Introduction to Literature 2
3 credit hours — Three hours weekly; one term
Continue study of multi-paragraph writing, stressing patterns of exposition and instruction in writing research papers. Gain substantial writing practice. Read novels and plays.
Prerequisite: ENG 111.

MAT - General Education Requirement
3-4 credit hours - Three to four hours weekly; one term
Complete one mathematics general education course from the approved general education mathematics list in the college catalog.

PSY 111 - Introduction to Psychology
3 credit hours - 3 hours weekly; one term
Explore major psychological theories and concepts and related current research findings. Topics include learning, physiological bases of behavior, motivation and emotions, human development, personality and abnormal behavior.

COM 111 - Fundamentals of Oral Communication
3 credit hours - 3 hours weekly; one term
Learn about public speaking theory and develop the skills needed to speak effectively in various situations. Learn about clear oral expression, informed critical thinking, research techniques, rhetorical modes and group communication. Write and deliver several speeches.
Note: Eligibility for ENG 111 or ENG 115 or ENG 121 is strongly recommended.
Technical Standard Requirement

1. Students conditionally accepted to the Paramedic program will be required to complete the Health Examination Record. Each form will be reviewed to ensure that the candidate has met the technical standard requirements for the Paramedic program.

2. **Qualification:** Good physical and mental health.

3. **Admission Criteria:** Student must be free of contagion and possess sufficient stamina with or without reasonable accommodations and mental stability to fulfill the requirements of the program and the customary requirements of the profession:
   - Work for 8 to 12 hours performing physical tasks requiring sufficient strength and motor coordination without jeopardy to patient and student safety as, for example, bending, lifting, turning and ambulating patients.
   - Perform fine movements and be able to manipulate instruments and wide variety of equipment according to established procedure and standards of speed and accuracy.
   - Establish and work toward goals in a consistently responsible, realistic manner.
   - Have auditory ability sufficient to monitor and assess health needs (for example: communicate verbally in an effective manner with patients and other personnel).
   - Have visual ability sufficient for observation and assessment necessary for patient care (for example: read and process patient-related information like patient charts and requisitions).

Paramedic Student Activities

Below is a list of activities the paramedic student is approved to perform. This list is not all inclusive.

- Patient assessment and triage
- Cervical and spinal immobilization
- Oxygen administration via nasal cannula, not re-breather mask
- ECG monitoring, both single monitor lead and 12 lead
- Peripheral venous catheter cannulation
- Intravenous medication administration (IVP and IVPB)
- Calculate IV drip rate and adjust
- Oropharyngeal and nasopharyngeal airway insertion, management, and removal
- Any other non-invasive skill approved by the clinical instructor and direct supervision
- Endotracheal tube suctioning
- Oropharyngeal and nasopharyngeal airway suctioning
- Intramuscular and subcutaneous injections of medications
- Sublingual and oral medication administration
- Assist with endotracheal intubation and King airway, management removal.
- ACLS Mega Code team. This includes performing CPR in 2 minute intervals
- Nasogastric tube insertion
- Ability to lift at least 50 pounds (weight of a run bag or monitor)
- All EMT skills
- Chemical and physical restraints
- Ability to work either an 8 or 12 hour shift.
Criminal Background Checks and Drug Screening

All Health Sciences students who are offered admission and/or clinical placement will be required to submit to a complete criminal background check and urine drug screen. All student applicants’ final acceptance in the program shall be contingent upon satisfactory completion of a criminal background check and of a urine drug screen.

All letters of acceptance shall state that the acceptance is conditional and contingent on submission to a criminal background check and urine drug screen—as may be required by the program—that results in satisfactory reports. If an accepted student tests positive for an illegal or un-prescribed drug, the student shall be denied admission or terminated from any Health Sciences program.

Separate, additional criminal background checks and urine drug screens may be required by clinical sites prior to placements. Students with an unsuccessful background check or urine screening who are denied by a clinical site that is required to meet program competencies shall be dismissed from the program and their registrations shall be withdrawn from courses related to the program of study. If the student tests positive for an illegal or un-prescribed drug, the student shall be denied admission or terminated from any Health Sciences program even if a denied placement was not required to meet program competencies. Successful reports of criminal background checks and urine drug screens do not assure eligibility for specific clinical site placement, program completion, and/or eligibility to sit for professional licensure/board examinations.

Students are reminded that licensing boards for certain health care occupations and professions may deny, suspend, or revoke a license or may deny the individual the opportunity to sit for an examination even if the individual has completed all program course work if it is determined that an applicant has a criminal history or has been convicted of, or pleads guilty, or pleads nolo contendere or the like to a felony or other serious crime.

Successful completion of a Health Sciences program of study at Anne Arundel Community College does not guarantee licensure, the opportunity to sit for a licensure examination, certification or employment in the relevant health care occupation.

Students may be automatically denied admission or, if enrolled, dismissed from the program if they have not been truthful or have provided inaccurate information on the application or on any other form or submission. Students who have questions or concerns are encouraged to contact the Health Sciences Admissions Office at healthsciencesadmissions@aacc.edu.

NOTE: Licensing boards for certain health care occupations, including EMT, may deny, suspend, or revoke a license or may deny the individual the opportunity to sit for an examination even if the individual has completed all program course work, if it is determined that an applicant has a criminal history or is convicted or pleads guilty or nolo contendere to a felony or other serious crime. If applicable, it is recommended to contact the Maryland Institute for Emergency Medical Services Systems for clarification at 410-706-3666.

PLEASE NOTE: AACC will only accept criminal background checks performed by a college approved vendor. Criminal background checks are completed online and must be paid for by the student. Information and instructions are given to applicants once accepted into program.

Health Insurance

It is highly recommended that all Paramedic students have health insurance coverage.

CPR

Selected students must successfully complete the American Heart Association Basic Life Support course. The CPR certification must be valid through graduation from the program.
Enrollment Restrictions

State requirements and limitations of clinical facilities necessitate enrollment restrictions. Students enrolled in the Paramedic course sequence are required to comply with Maryland Advanced Life Support protocols and regulations. Students who fail to maintain current EMT certification or are decertified as an EMT will not be permitted to continue in the program.

APPLICATION/SELECTION PROCESS

- **Paramedic** applications are available on the Arnold campus in Florestano 100 and on the college website. Eligible students desiring entry must return the completed application to the School of Health Sciences office (FLRS 100). Applications will be accepted on a rolling basis.
- Students eligible to submit applications for selection are those who have completed all of the academic and admissions requirements by the day the application is submitted.
- The applications will be reviewed and students will receive an email indicating that their application is complete.
- Selected applicants will be notified of their **Conditional Acceptance**.
  - **Conditional Acceptance**: Applicants who have met the academic and admission requirements and have been selected into the Paramedic program. Final acceptance into the program shall be contingent upon satisfactory completion of a criminal background check and satisfactory completion of a health examination record. With the letter, conditionally accepted students will receive the **Health Examination Record with Instructions and Criminal Background Check Instructions** to be completed by a designated deadline. **Conditional Acceptance** candidates who do not meet this deadline **will not be considered for admission** and the next person on the list will be contacted.
- Qualified applicants not initially selected for conditional acceptance will be placed on a list in order of application received and notified of selection when a seat becomes available. These applicants do not have to reapply.
- Conditionally accepted candidates must attend a **mandatory** meeting on a designated date. If candidate does not attend, he/she may lose his/her seat in the class.

SELECTION CRITERIA

The criteria used to rank and select candidates will be applied in the following order:

1. First consideration for selection will be given to candidates whose resident address is in Anne Arundel County for at least three months prior to the date the application is submitted. If not selected for the initial class, the Address Verification form must be resubmitted upon request to the Records office. The Address Verification form is part of the application packet and must be completed in its entirety with the application. For questions on completing the form, call 410-777-2721.
2. Satisfactory completion of all academic and admission requirements.
3. Current Maryland EMT certification or National Registry.
4. Affiliation with either a volunteer or paid EMS service.
5. Final acceptance is contingent upon satisfactory completion of a criminal background check and completion of a health examination record and drug screening.
Health Manpower Shortage Program

This program may be designated as a Health Manpower Shortage Tuition Reduction Program; therefore, some Maryland residents who are enrolled in this program of study by the first day of the term may be eligible for in-county tuition rates for courses required for the program completion.

Registration for the Paramedic Program

Students who have been selected to register must be:

- CPR certified (American Heart Association CPR)
- EMT certified.
- Students will be registered by the EMT department after attending mandatory meeting. Copies of EMT and CPR certifications must be submitted by the designated deadline.

Diversity Requirement

Completion of the entire Paramedic Course Sequence (EMT 115, EMT 118, EMT 119, EMT 215 and EMT 270) will fulfill the college diversity requirement.

Readmission

Students seeking readmission to the Paramedic program must petition the chair of the EMT department in writing.

Anne Arundel Community College and/or the School of Health Sciences reserves the right to revise requirements for admission into the Health Sciences programs, the selection criteria and procedures, and the required courses for programs of study as deemed necessary without prior notification.

March 2017

Notice of Nondiscrimination: AACC is an equal opportunity, affirmative action, Title IX, ADA Title 504 compliant institution. Call Disability Support Services, 410-777-2306 or Maryland Relay 711, 72 hours in advance to request most accommodations. Requests for sign language interpreters, alternative format books or assistive technology require 30 days' notice. For information on AACC’s compliance and complaints concerning sexual assault, sexual misconduct, discrimination or harassment, contact the federal compliance officer and Title IX coordinator at 410-777-1239, complianceofficer@aacc.edu or Maryland Relay 711.
Testing and Assessment Services

Course and Certification Testing
The testing office administers classroom, distance learning courses, and national certificate exams such as the College Level Examination Program (CLEP), Pearson Vue and many more.

Academic exams are given at all AACC testing locations. To take a certification exam or CLEP exam, please review scheduling procedures at http://www.aacc.edu/resources/academic-services/testing/. Or, contact us at 410-777-2375.

*Exams will not be administered to students without picture identification.

*Students taking a certification test may be required to provide additional identification, please review instructions with certification vendor (Pearson Vue, CLEP, Certiport, Castle Worldwide, and Teas).

Testing Center Hours

Arnold – Room SUN 240
Mon – Thur 8:30am to 8:00pm
Fri 8:30am to 4pm and Sat 9:00am to 1:00pm
Phone: 410-777-2375
Email Testing-arnold@aacc.edu

GBTC – Room 208
Mon 9am to 12pm and 1pm to 5pm
Tu – Thur 12pm to 4pm and 5pm to 8pm
Sat 9am to 1pm
Phone: 410-777-2906
Email testing-gbtc@aacc.edu

AMIL - Room 112
Mon – Thur 10am to 8pm
Fri 10am to 2pm and Sat 9am to 1pm
Phone: 410-777-1915
Email testing-amil@aacc.edu

Other School Test Proctoring
The testing center offers students from other institutions the ability to have their exams proctored. Please review our testing fee schedule http://www.aacc.edu/media/content-assets/testing/documents/testingfees.pdf for other school testing.

Accommodation Testing
The Testing Center works with the Disability Support Services Office and your instructor to assist you in completing your exams in the Testing Center. If you feel you need an accommodation please contact the DSS office at 410-777-2307, option 1.

*If you experience any difficulty opening website links for the Testing Center, please contact us at 410-777-1334.
Testing and Assessment Services

New Students

Students that are seeking either an AACC Certificate or an associates degree must be assessed in reading, English and math (if math is a program requirement) through ACCUPLACER or provide SAT/ACT scores. The purpose of ACCUPLACER is to provide students with useful information about their academic skills in math, English, and reading. The results of the assessment in conjunction with students’ academic background, goals, and interests are used by academic advisors and counselors to help determine course selection.

Students cannot "pass" or "fail" the placement tests, but it is very important for students to realize they must take these tests seriously so there will be an accurate measure of your academic skills.

Prior to taking the ACCUPLACER placement test for AACC, students are required to watch the ACCUPLACER Preparation Guide video.

To view the ACCUPLACER Prep Guide video please visit: http://www.aacc.edu/apply-and-register/credit-application/step-3-take-a-placement-test/

The AACC Placement Prep Guide is a free resource that offers general information on college admissions, testing and retesting options. The guide also provides sample questions for the ACCUPLACER English, reading, math, ESL/LOEP and arithmetic placement test.

For additional resources and to download the AACC Prep Guide visit: http://www.aacc.edu/resources/academic-services/testing/

SAT and ACT Cut Scores

<table>
<thead>
<tr>
<th>Test</th>
<th>Score (Tested before 3/1/2016)</th>
<th>Placement</th>
<th>Score (Tested after 3/4/2016)</th>
<th>Placement</th>
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<tbody>
<tr>
<td>SAT Math</td>
<td>550</td>
<td>College Level Math</td>
<td>530</td>
<td>MAT 100, MAT 133, MAT 135, MAT 221, and MAT 222</td>
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<td>SAT Math</td>
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<td>-</td>
<td>570</td>
<td>MAT 137 and MAT 141</td>
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<td>-</td>
<td>-</td>
<td>600</td>
<td>MAT 151</td>
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<td>-</td>
<td>620</td>
<td>MAT 191</td>
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<tr>
<td>SAT Critical Reading</td>
<td>510</td>
<td>English 111</td>
<td>-</td>
<td></td>
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<td>SAT Evidence-Based Reading and Writing</td>
<td>-</td>
<td>-</td>
<td>500</td>
<td>English 111</td>
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<tr>
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<td>21</td>
<td>College Level Math</td>
<td>21</td>
<td>MAT 100, MAT 133, MAT 135, MAT 141, MAT 221, and MAT 222</td>
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<tr>
<td>ACT English</td>
<td>18</td>
<td>English 111</td>
<td>18</td>
<td>English 111</td>
</tr>
</tbody>
</table>
PRACTICE PROBLEMS FOR THE ARITHMETIC PLACEMENT TEST

The Arithmetic Placement Test is designed to determine whether a student has sufficient arithmetic skills.

The following problems are similar to those given on the screening test. If you take some time to practice, your score will surely be higher. The answers to the problems appear at the end of this material.

The screening test is timed (1 hour) so your practice should be for accuracy and speed. There are thirty-six problems on the test and a score of 27 or better is passing. Only one retake of the test is allowed. Students who are not successful in the retake must enroll in MAT 005. Calculators will not be permitted.

Whole Number Arithmetic:

1. \[ 4875 + 1928 \]
2. \[ 8073 - 1584 \]
3. \[ 38 \times 27 \]
4. \[ 15) 3105 \]

Arithmetic of Fractions:

5. Write the lowest terms: \[ \frac{30}{45} \]
6. Circle the largest fraction: \[ \frac{4}{5} \text{ or } \frac{7}{10} \text{ or } \frac{2}{3} \]
7. Add: \[ \frac{3}{2} + \frac{1}{5} + \frac{5}{8} \]
8. Multiply: \[ 2 \frac{1}{8} \times 16 \]
9. Divide: \[ 6 \div \frac{1}{2} \]
10. Mary used \( \frac{2}{3} \) of her savings to make a down payment on a new car. If her savings were $2,400, how much did she put down?

Decimal / Exponent Arithmetic:

11. Write in decimal form: \[ \frac{5}{8} \]
12. Add: \[ 3.2705 + 4.02 + 13.315 \]
13. Multiply: \[ 360 \times 1.2 \]
14. Which number is the largest? \[ 0.0054, \ 0.001, \ 0.07, \ 1.0 \]
15. \[ 7.5 \times 10^{-1} \text{ is equal to?} \]
16. \[ 7.62 \times 4.7 \]
Percents:
17. Divide: \( 360 \div 1.2 \)
18. Express: \( 37\% \) as a decimal
19. Express: \( 0.03 \) as a percent
20. Express: \( 13\% \) as a fraction
21. If 40\% of the thirty patients in a certain clinic have headaches, how many have headaches?

Ratio and Proportion:
22. What should “\( r \)” be in order to have \( \frac{r}{5} = \frac{18}{30} \)
23. If it takes 4 cups of water to fill three glasses, how many cups will be needed to fill nine of the same glasses?
24. In a rural county 350 residents signed up for the armed forces. The breakdown of numbers for each branch is found in the table below. What percent of residents signed up for the Air Force? (Round your answer to two decimal places.)

<table>
<thead>
<tr>
<th>ARMY</th>
<th>NAVY</th>
<th>AIR FORCE</th>
<th>MARINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>56</td>
<td>64</td>
<td>160</td>
</tr>
</tbody>
</table>

25. A farmer tries to save space by putting cows and sheep altogether in a ratio 3:4 respectively. If the farmer gets 15 cows how many sheep must have to keep the same ratio?

Determine the value of \( X \) in the following:
26. \( \frac{3}{2} = X : 6 \)
27. \( \frac{X}{3} = \frac{27}{5} \)
28. \( \frac{5}{7} = \frac{25}{X} \)
29. \( \frac{6}{100} = X \)
30. \( \frac{1.2}{3.5} = X \) (Round your answer to two decimal places.)
31. Evaluate: \( 10x - 6y \), if \( x = 0.9 \) and \( y = 2.5 \)
Graph Interpretation:

A buoy is bouncing up and down on the waves. The following graph depicts its elevation over a certain period of time.

Elevation (in)

32. What is the buoy elevation at 3 seconds?
33. Referring to the graph above, what is the independent variable?

Resources:

1. Math Center: Library 107. Math professors or tutors available (free) Monday-Thursday 9-8:30 p.m., Friday 9-3:00 p.m., Saturday 9-3:00 p.m. (limited summer hours).
2. Peer Math Tutors: Fill out application in Testing & Tutoring Center. Service is free and available throughout the year.

Academic Support Center Information:

Call for specific days and times:
Arnold Campus (410) 777-2495
Arundel Center North, Glen Burnie Town Center (410) 777-2945
Arundel Mills Center, Room 112 (410) 777-1915
Army Education Center, Fort Meade (410) 672-2117

There is no fee to take the placement test. Students must bring a valid photo ID and know their social security number.
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facebook.com/aacchealthsciences/