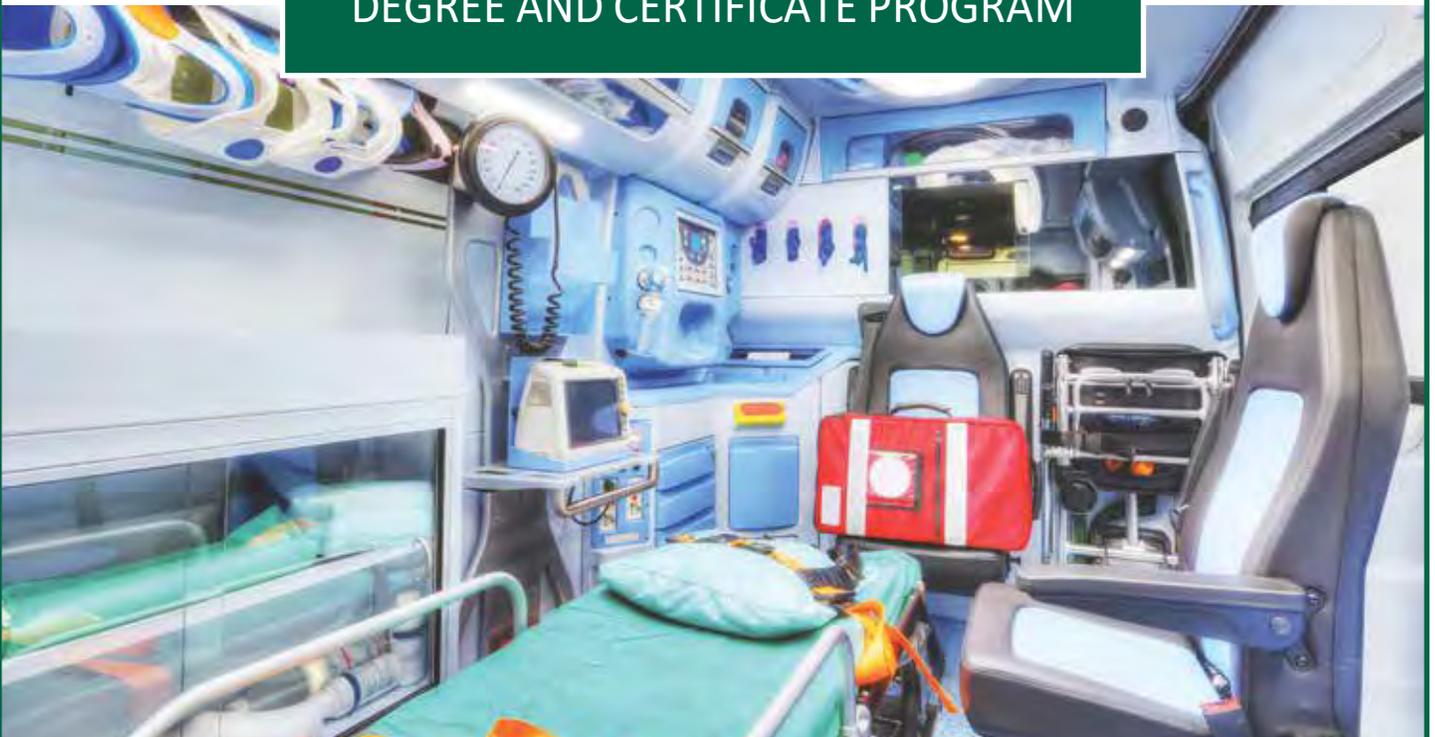


Emergency Medical Technician Paramedic

DEGREE AND CERTIFICATE PROGRAM



www.aacc.edu



**ANNE ARUNDEL
COMMUNITY COLLEGE**

School of Health Sciences



Anne Arundel Community College

101 College Parkway Arnold, Maryland 21012-1895 410-777-AACC (2222)

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 their patient.

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

We look forward to assisting you.

Sincerely,

Handwritten signature of Claudia (Tina) Clark in cursive.

Claudia (Tina) Clark, MA, NRP
Director of EMS Education and
Program Director
School of Health Sciences
Email: clclark@aacc.edu

Handwritten signature of Tammie D. Neall in cursive.

Tammie D. Neall, MS, MT (ASCP)
Manager, Admissions and Advising
School of Health Sciences
Email: tdneall@aacc.edu

The Anne Arundel Community College Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) and approved as a Maryland EMS Educational Program by the Maryland Emergency Medical Services Board (MEMSB) upon the recommendation of the Maryland Institute for Emergency Medical Services Systems (MIEMSS).

To contact CAAHEP:
9355 - 113th St. N, #7709
Seminole, FL 33775
727-210-2350
www.caahep.org

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

PROGRAM GOALS/MISSION

MISSION

We seek to prepare competent entry-level Emergency Medical Technician-Paramedics in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains with or without exit point at Emergency Medical Technician (EMT) and/or Emergency Medical Responder (EMR) levels.

VISION

The EMT department supports the college's mission by fostering excellence in learning, teaching and providing an environment conducive to student success. Program faculty and staff are dedicated to preparing competent entry-level EMRs, EMTs and paramedics who are technically competent, capable of providing comprehensive, compassionate and efficient pre-hospital emergency medical care in diverse communities of interest. Students enrolling in the EMR, EMT and Paramedic Programs 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

ADMISSION INFORMATION

College Admission

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 online or in Academic and Transfer Advising. 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 Academic and Transfer Advising. 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.

In order to take prerequisite courses for this program students must be eligible for ENG 101/ENG 101A and for degree be eligible for MAT 135, Statistics.

Advising

After you apply to AACC and submit any prior transcripts, you can find your advisor and schedule an advising appointment on MyAACC.

Login to MyAACC at <https://portal.aacc.edu>

- Click on MENU
- Select SELF SERVICES
- Locate and click on Academic & Transfer Advising
- Enroll in the Virtual Advising Center on Canvas
- Follow the directions to schedule an appointment with your assigned Health and Human Services advisor

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

Application Submission

Applications are accepted for the Paramedic Program on a rolling admission basis for selection. The program will begin in January and early August each year. Students will apply for the Paramedic Program only after meeting **all** academic and admission criteria. Once the applicant's 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. Applications are to be emailed to healthsciencesadmissions@aacc.edu. Alternatively, students can mail their application to Anne Arundel Community College at

Anne Arundel Community College
ATTN: Health Sciences Admissions
101 College Parkway
Arnold, MD 21012

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-InformationSession/>. Applicants may also participate in virtual sessions when available.
- Information sessions are virtual and will be considered face-to-face.

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 Program.

English

Students must demonstrate eligibility for ENG 101/ENG 101A.

There are a number of ways that can be used to determine English eligibility:

- Qualifying SAT/ACT scores.
- Appropriate score on the English placement test.
- Unweighted high school GPA (if you graduated in the last 5 years).
- Successful completion of developmental courses, if applicable.
- Transfer of credits for ENG 101.
- Appropriate score on an AP exam.
- Appropriate score on a CLEP test.
- Appropriate score on GED test.

Please see an academic advisor for details and more information.

Visit <https://www.aacc.edu/apply-and-register/credit-application/determine-placement/>.

Mathematics

Students must demonstrate eligibility for MAT 135, Statistics.

There are a number of ways that can be used to determine MAT 135 eligibility:

- Qualifying SAT/ACT scores.
- Appropriate score on the Mathematics placement test.
- Unweighted high school GPA plus course work (if you graduated in the last 5 years).
- Successful completion of developmental courses, if applicable.
- Transfer of credits for a MAT 135 course.
- Appropriate score on an AP exam.
- Appropriate score on a CLEP test.

Please see an academic advisor for details and more information.

Visit <https://www.aacc.edu/apply-and-register/credit-application/determine-placement/>

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 date the application is submitted.
- 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 date the application is submitted. A grade of C or higher in MAT 005 will meet the requirement for the Arithmetic Placement Test. Arithmetic Placement Test must be taken within 7 years from the date the application is submitted. Retake is allowed if

test if past this timeframe. Only one retake is allowed after that if needed. There is no time limit on MAT 005.

- General education mathematics courses **do not** satisfy this requirement.
- Email testing-arnold@aacc.edu for an appointment for remote testing.

Emergency Medical Technician Certification

- Applicants must provide a copy of their **current** Maryland EMT certification card or National Registry card with program application in order to be eligible for selection into the Paramedic Program. If you do not have your EMT certification, 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.
- Conditional acceptance will be given **during the COVID-19 health crisis and state of emergency** to those applicants who have a provisional EMT license. The provisional EMT license holder, once this process is halted by the State of Maryland, will have 30 days to get a full EMT license in the State of Maryland by passing both the written National Registry EMT exam and the psychomotor or practical test. Proof of affiliation will be required in order to attend field clinicals which start in the third month of the program. Affiliation paperwork must be submitted prior to attendance of any clinical or field assignment. If a student cannot meet any of these provisions by the updated due date given by the program, the student will forfeit their place in the current paramedic cohort and will be assigned a position in the next cohort start.

College Credit Transfer

- Applicants who have program prerequisite courses or other equivalent general education required courses completed from a nationally recognized institution must submit official transcripts with the program application for review.
- A transcript is considered official when it is enclosed in a sealed envelope from the institution or submitted electronically by the institution; the transcript also includes a graduation date and a school official's signature.
- The program application will not be considered complete if required transcripts are not submitted with the application or have not been previously submitted to and received by Anne Arundel Community College.
- Visit the Records and Registration website for instructions:
<https://www.aacc.edu/apply-and-register/credit-application/apply/transfer-credit-to-aacc/>

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
 - ♦ SpanTran at www.spantran.com

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 101/ENG 101A and ENG 102 course sequence with grades of C or better prior to applying to the program. Anne Arundel Community College's code for TOEFL is 5019.
- Non-U.S. Citizen applicants who have valid immigration status 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 more information visit: [TOEFL Score Requirement](#).
 - ♦ EMT and Paramedic students without a Social Security number may still attain a national registry certification but will not be granted State of Maryland licensure.

Additional Information

- For state EMT certification students must be at least 16 years of age, and students seeking paramedic certification must be 18 years of age at time of testing for national certification.
- Attendance is required for ALL Paramedic classes/clinicals. Absence can result in automatic dismissal from the program. Successful completion of all Paramedic Program courses with a grade of C or better and successful

- completion of all clinicals 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 and meeting the required student minimum competencies as set by CoAEMSP recommendations, medical oversight and Advisory Board approval are mandatory for program completion.

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 program completion.

Registration for the Paramedic Program

Students who have been selected to register must be:

- EMT certified
- Students will be given registration instructions by the EMT department after attending mandatory meeting. Copies of EMT certification 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. Based on student evaluation and status prior to leaving the program, the student may have to complete an independent study of areas of weakness in previous courses prior to readmission unless the student is starting over with the first course in the cohort.

REQUIRED COURSES

Prerequisite Courses for Certificate and Degree Students

The ACA 100 course and one of the following biology courses 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 for BIO 232 and BIO 234. Please see college catalog.

Due to the selection process, the Paramedic Program cannot accept Pass/Fail as a replacement for letter grades in the required courses.

Course #	Course	Credits
BIO 230*	Structure and Function of the Human Body <u>or</u>	4
BIO 232**	Human Biology 2 <u>or</u>	
BIO 234‡	Anatomy and Physiology 2	1
ACA 100	Student Success Seminar <u>or</u> evidence of completion of 27 academic college credits with a cumulative GPA of 2.0	

* 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

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.

Course #	Course	Credits
COM 111	Fundamentals of Oral Communication <u>or</u>	3
COM 116	Fundamentals of Oral Communication for Non-Native Speakers <u>or</u>	
COM 110	Introduction to Interpersonal Communication <u>or</u>	
COM 141	Group Communication and Leadership	
CTA 100	Computing and Information Technology (formerly CSI 112) <u>or</u>	4
CTP 103	Theories and Applications of Digital Technology (formerly CTA 103)	
ENG 101/ENG 101A*	Academic Writing and Research I	3
ENG 102*	Academic Writing and Research 2	3
MAT 135	Statistics	3
SOC 111	Introduction to Sociology	3

*Students who have previously completed the English Composition general education requirement sequence ENG 111/ENG 112 or ENG 115/ENG 116 or ENG 121 with a grade of C or better have fulfilled the English 101/ENG 101A and ENG 102 requirements. Students who previously completed ENG 111 or ENG 115 and have NOT taken ENG 112 or ENG 116 by Fall 2019 will have to take ENG 101/101A to fulfill the English requirement.

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, and 270. The Paramedic certificate includes the prerequisite courses and the paramedic course sequence.

PARAMEDIC CERTIFICATE

Award: Certificate

Eligibility for paramedic national registry exam

Total Credit Hours: A minimum of 44 credit hours

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

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

PARAMEDIC DEGREE

Award: Associate of Applied Science, A.A.S.

Eligibility for paramedic national registry exam

Total Credit Hours: A minimum of 63 credit hours.

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

Range of Occupations: Paramedic in fire and emergency medical services system, inter-facility 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 Paramedic Program courses.

Course #	Course	Credits
EMT 115	Introduction to Paramedic	2
EMT 118	Paramedic 1	13
EMT 119	Paramedic 2	13
EMT 215	Paramedic 3	5
EMT 270	Paramedic Capstone	7
	Total Credit Hours (Certificate)	# Minimum 40

Not including prerequisite courses

APPLICATION/SELECTION PROCESS

Paramedic applications are available on the college website at:

<https://www.aacc.edu/apply-and-register/credit-application/health-science-applicants/>.

- Applications will be accepted on a rolling basis. Eligible students desiring entry must return the completed application by email to: healthsciencesadmissions@aacc.edu or mail to Anne Arundel Community College, ATTN: Health Sciences Admissions, 101 College Parkway, Arnold, MD 21012.
- 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** initially by AACC email.
- **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 both a criminal background check and a health examination record. With the letter, conditionally accepted students will receive the health examination record with instructions, criminal background check and drug screen instructions to be completed by a designated deadline. **Conditionally accepted** candidates who do not meet this deadline **will not be considered for admission** and the next person on the list will be contacted. Conditionally accepted candidates must attend a **mandatory** meeting on a designated date. If the candidate does not attend, they may lose their seat in the class.

- 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.

Selection Criteria

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

1. Satisfactory completion of all academic and admission requirements.
2. Current Maryland EMT certification or National Registry. (See COVID-19 health crisis and state of emergency explanation on page 7 of this document.)
3. Affiliation with either a volunteer or paid EMS service.
4. Final acceptance is contingent upon satisfactory completion of a criminal background check, a health examination record and drug screening.

Technical Standards

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.

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.

** Notwithstanding the statements herein regarding urine drug screens, as of September 2010, only certain programs will be requiring drug screening. AACC shall inform students which programs presently require them. However, AACC, at any time, has the right, upon notice, to require any and all students in any and all programs to comply with drug screening. The Paramedic Program requires drug screening on admission.*

NOTE: Licensing boards for certain health care occupations, including EMT and Paramedic, 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.

The Paramedic Program requires a drug screen on admission to the program.

Additional Information:

The School of Health Sciences' Health Examination Requirements are aligned with our clinical site requirements. The clinical sites allow our students to fulfill their program required clinical rotations pursuant to an Affiliation Agreement with the College. Therefore, the College and its students are required to abide by and follow the clinical site requirements.

Most of the clinical sites require proof of the influenza vaccine, and some may require the COVID-19 vaccine or other vaccines. If the site requires one of these vaccines, it will not permit students on site without evidence of the vaccine. If a student does not provide documentation that the student has received any vaccinations that are required by the student's assigned site, the student may not attend the clinical rotation and will, therefore, be at risk of not completing the program requirements.

Accommodations or waivers may be considered by some clinical sites. If a student is unable or unwilling to have one of the vaccines, the student has the right and sole obligation to request an accommodation or waiver from the clinical site. If the student obtains an accommodation or waiver, the student may fulfill their clinical rotation at the clinical site without having been immunized for influenza or COVID-19. There is no guarantee that a clinical site will grant a request for an accommodation or waiver. The student must provide a copy of the clinical site's grant of any accommodation or waiver. If the student participates in a clinical pursuant to an accommodation or waiver, the student participates in the clinical at the student's own risk and is solely responsible for any health care or treatment costs incurred or illness or injuries suffered as a result of such participation.

Pertaining to prescribed medications

Upon admission to the Paramedic Program, students must disclose all medications on their health form and if during their matriculation they have a change in health (physical, mental, or emotional) and/or medication status, they are required to submit a Health Status Update form to the Manager of Admissions and Advising.

Medical Marijuana/Cannabis Policy

Any student testing positive for cannabis may not be accepted into a clinical rotation by Maryland hospitals or health care facilities (including veterinary facilities), regardless of a legally obtained identification card. Inability to complete the clinical/practicum components of the programs results in students being unable to complete course requirements and thus successfully complete the program.

Health Insurance

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

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.

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.

October 2021

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.

ACCUPLACER PREPARATION

The placement test at AACC is used to assess-college level skills in mathematics, English and reading. The computerized placement test (ACCUPLACER) is offered to new students to assist AACC staff in determining course placement. This is not a college admissions test.

After the test has been completed and scored, an advisor will review the results with the student and offer suggestions for appropriate courses.

There are three types of placement tests described below:

- ACCUPLACER Placement (native English speakers).
- ESL Placement (non-native English speakers).
- Arithmetic Placement (Health Sciences and biology students only).

For additional information visit:

<https://www.aacc.edu/apply-and-register/credit-application/determine-placement/accuplacer-preparation/>

AACC PLACEMENT PREP GUIDE

This free resource offers general information on college admission, testing and retake options. The guide provides sample questions for the ACCUPLACER English, reading, math and ESL placement tests. You also will find sample questions for the Arithmetic Placement test.

For additional resources and to download the AACC Prep Guide visit:

<https://www.aacc.edu/apply-and-register/credit-application/determine-placement/accuplacer-preparation/>

ACCOMMODATION TESTING

All students requiring accommodations need to apply each semester through Disability Support Services (DSS). DSS can provide detailed information on how to receive services and additional support provided at Anne Arundel Community College. You must contact DSS before any accommodations can be provided.

All AACC testing proctors have been trained to work with students needing accommodations while taking their exams. Proctors are able to offer accommodations for extra time, minimal distraction rooms, reading and scribing to those eligible.

Students needing accommodations other than extra time must contact the testing office 48 hours in advance to schedule an appointment.

Students that are taking a certification exam through a specific vendor like Certiport, Pearson Vue, GED, or Castle Worldwide are required to contact the vendor. Each vendor has their own accommodation approval process.

For additional information visit:

<https://www.aacc.edu/resources/academic-services/testing/testing-accommodations/>

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 (if you receive a score of 25 or better, please contact the Director of EMS Education for an appointment to go over math prior to retesting). **Only oneretake of the test is allowed. Students who are not successful in the retake must enroll in MAT 005.**

After September 15, 2018 – Arithmetic Placement Test scores must be within 7 years from the date a Health Sciences program application is submitted. Retake is allowed if test is past this time frame. One retake is allowed after that if needed. There is no time limit on MAT 005.

Whole Number Arithmetic:

1.
$$\begin{array}{r} 4875 \\ + 1928 \\ \hline \end{array}$$
 2.
$$\begin{array}{r} 8073 \\ - 1584 \\ \hline \end{array}$$
 3.
$$\begin{array}{r} 38 \\ \times 27 \\ \hline \end{array}$$
 4.
$$\begin{array}{r} \\ 15 \overline{) 3105} \\ \hline \end{array}$$

Arithmetic of Fractions:

5. Write the lowest terms: $\frac{30}{45}$
6. Circle the largest fraction: $\frac{4}{5}$ or $\frac{7}{10}$ or $\frac{2}{3}$
7. Add: $3\frac{1}{2} + \frac{5}{8}$
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: 360×1.2

14. Which number is the largest?
0.0054, 0.001, 0.07, 1.0

15. 7.5×10^{-3} is equal to?

16. 7.62×4.7

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.)

ARMY	NAVY	AIR FORCE	MARINES
70	56	64	160

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/Y" in the following:

26. $3:2 = X:6$

29. $\frac{6}{100} = \frac{X}{100}$

27. $\frac{X}{27} = \frac{3}{5}$

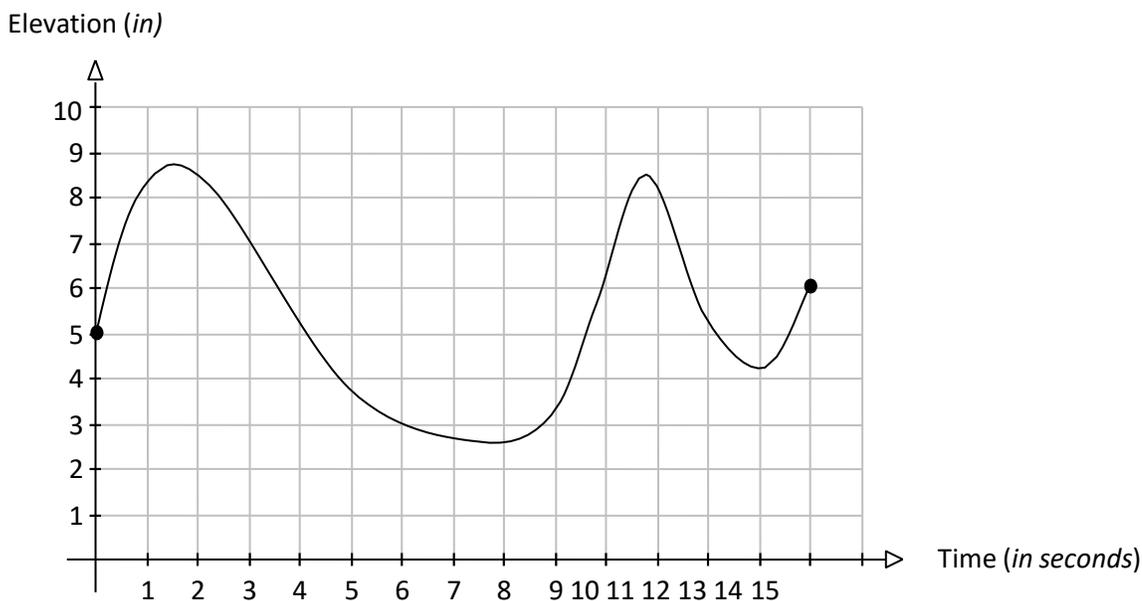
30. $\frac{1.2}{3.5} = \frac{10}{X}$ -

28. $\frac{5}{7} = \frac{25}{X}$

31. Evaluate: $10x - 6y$, if $x = 0.9$ and $y = 2.5$
(Round your answer to two decimal places.)

Graph Interpretation:

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



32. What is the buoy elevation at 3 seconds?

33. Referring to the graph above, what is the independent variable?

Resources:

1. Math Center: Lower level of Truxal Library. Math professors or tutors available (free) Monday-Thursday 9-8:30 p.m., Friday 9-4:00 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.

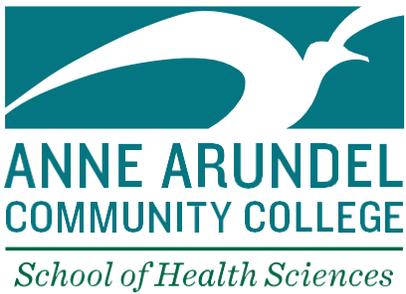
Academic Support Center Information:

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

ANSWERS: (1) 6803 (2) 6489 (3) 1026 (4) 207 (5) 2/3 (6) 4/5 (7) 4- 1/8 (8) 34 (9) 12 (10) \$1600 (11) 0.625 (12) 20.6055 (13) 432 (14) 1.0 (15) 0.0075 (16) 35.814 (17) 300 (18) 0.37 (19) 3% (20) 13/100 (21) 12 patients (22) 3 (23) 12 cups (24) 18.29% (25) 20 (26) 9 (27) 16.2 (28) 35 (29) 6 (30) 29.17 (31) -6 (32) 7 in. (33) time

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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