



GLENDALE COMMUNITY COLLEGE

www.gc.maricopa.edu/emt-fsc
Paramedic Education Program
Summer 2012 – Summer 2013

Rev. 12/5/11

Paramedic Program Applicants:

Glendale Community College will be offering a paramedic education program for qualified candidates starting May 14, 2012 and ending August 2013. This is a program in 4 blocks, designed for applicants interested in obtaining their paramedic certification and AAS degree in Emergency Response & Operations. The two day per week course schedule is designed for working adults with limited EMS experience. This program is based on the 2009 National EMS Education Standards and the 2010 American Heart Association guidelines.

- **Schedule:** Mondays and Wednesdays 8:30am - 5:30pm

Summer 2012:

- EMT235 Cardiology (3 credits)
- EMT245 Trauma Patient Mgmt (2 credits)
- EMT296WC Field Internship (3 credits)
- EMT236 Pharmacology (3 credits)
- BIO160 Anatomy & Physiology (4 credits)
- Non-credit 24 hr First Responder level haz-mat (if needed)

Block 1: Foundation (15 credits)

Fall 2012:

- EMT272AA Paramedic Didactic (12.5 credits)
- AAS Coursework Individualized degree plan (as needed)

Block 2: Paramedic Didactic Pt. 1 (12.5 credits)

Spring 2013:

- EMT272AB Paramedic Didactic (12.5 credits)
- EMT265 PEPP (1 credit)
- AAS Coursework Individualized degree plan (as needed)

Block 3: Paramedic Didactic Pt. 2 (13.5 credits)

Summer 2013:

- EMT272LL Clinical / Vehicular (7.5 credits)
- EMT240 ACLS (2 credits)
- FSC238 Vehicular Extrication (2 credits)
- EMT104AB Applied Practical Skills (.5 credits)
- AAS Coursework Individualized degree plan (as needed)
- NC500 Nat. Registry Prep (non credit)

Block 4: Clinical / Vehicular (12 credits)

Admission to Block 1 requires current Healthcare Provider CPR and AZ EMT certifications. Field experience is not required. Students who complete all Block 1 classes with a cumulative GPA of at least 3.5 will be given priority registration for Block 2. All applicants to Block 2 are required to pass a written competency exam. This will be a comprehensive exam

Emergency Medical Technology
6000 West Olive Avenue
Glendale, AZ 85302
(623) 845-3161 (623) 845-3834 (FAX)

covering all block 1 competencies. Those who complete Block 1 at GCC will have already satisfied the oral board and practical skills component of the application process.

Class time for Block 1, Mondays and Wednesdays, will need to be augmented with 4 additional days for the vehicular and clinical rotations. These will be scheduled around the students outside work schedules. Class time is greatly reduced during Block 4; however students will be required to complete approximately 24 hours of clinical or vehicular time each week on an individualized schedule. During Block 4 vehiculars, students will attend class from 8:30am – 12:30pm every other week for chart review with the Medical Director. Upon successful completion of vehiculars, all students **must** attend class from 8:30am-5:30pm for 6 consecutive days for National Registry prep and final testing.

This program meets the Arizona Department of Health Services Bureau of EMS requirements and follows the current National Standard Curriculum. The following are minimum contact hours required for all participants:

1. Classroom: *500 hours minimum
2. Clinical: *96 hours minimum
3. Vehicular: *432 hours minimum

*NOTE: This is a competency based program. Some individuals may require additional classroom, clinical, or vehicular time in order to meet the required competencies.

Students who successfully complete the program, as well as the AZ and National Registry certification process, will receive the following certifications:

- AHA Healthcare Provider CPR
- AHA ACLS Provider
- International Trauma Life Support Advanced Provider
- Pediatric Emergencies for Prehospital Professionals Advanced Provider
- Neonatal Resuscitation Provider
- AZ Paramedic Certification
- Nationally Registered Paramedic

Alternate Applications

Late applications will be accepted for an alternate list up to the date of the mandatory preclass meeting.

Block 1 Admission

Prerequisites

1. Current HCP CPR and Arizona EMT certifications.
2. Proof of at least a 10th grade reading level based on Associate's degree or higher, ASSET Reading score of 42, Accuplacer Reading score of 74, AIMS score of 720, or equivalent on Nelson-Denney exam. College Assessment Center: 623.845.3058).
3. ENG101 with a grade of "C" or higher, or a score of at least 41 on the ASSET Writing Skills test, or COMPASS Writing Skills score of at least 70, or ACCUPLACER Writing Skills score of at least 75.
4. MAT102 with a grade of "C" or higher, or a score of at least 41 on the ASSET Numeric Skills test, or COMPASS Pre Algebra test score of at least 46, or ACCUPLACER Arithmetic test score of at least 64.
5. DPS fingerprint clearance card or equivalent as determined by ALS program director. Receipt of payment to DPS will be accepted with application.
6. Clean drug screen as required by clinical sites (typically a 12 panel drug screen) or equivalent as determined by ALS program director). 12 panel test includes; amphetamines, methamphetamines, barbiturates, benzodiazepines, canabonoids, cocaine metabolite, methadone, merperidine, opiates, oxycodone, phencyclidine, propoxyphene
7. Proof of immunity to Measles, Mumps and Rubella, and other immunizations as required by clinical sites. Reasonable time limits will be given to complete this requirement as needed.
8. TB skin test within 6 months prior to application deadline.

Testing Process

All applicants will be given study materials at the mandatory pre-class meeting. On the first day of Block 1 all students will take a comprehensive exam covering all block 1 competencies. Applicants who score below 75% can be dropped to accommodate students on the alternate list.

- **Block 3: \$76 per credit hour plus lab fees**
 - EMT272AB Medic pt. 2 (12.5 credits)
 - EMT265 PEPP (1 credit)
 - AAS Coursework – individualized plan, as needed

- **Block 4: \$76 per credit hour plus lab fees**
 - EMT 272 LL Clinical/Vehicular (7.5 credits + \$500 lab fee)
 - EMT240 ACLS (2 credits + \$10 lab fee)
 - EMT 238 Vehicular Extrication (2 credits)
 - NC 500 NR prep (n/a + \$50 lab fee)
 - EMT 104 AB Applied Practical skills (.5 credits)

Total (tuition/lab fees): ~ \$5017 + books

Texts:

Block 1:

- EKGs Made Easy, by Barb Aehlert
- ITLS Adv. Provider Text 7th Ed. Brady Pub.
- Anatomy and Physiology text (title not yet available)
- FIDAP enrollment – data collection, Electronic Prehospital Care Report
- Essentials of Paramedic Care, 2nd Update (Text and Workbook) Brady Pub.

Block 2:

- Essentials of Paramedic Care, 2nd Update (Text and Workbook) Brady Pub.
- PEPP Provider Text, 2nd Jones and Bartlett
- ACLS Principles and Practice.

Block 3:

- Paramedic Exam: Complete Preparation Guide, Learning Express
- EMPACT, Advanced Medical Life Support, Brady Pub.
- Neonatal Resuscitation Text 5th ed. Amer. Academy of Peds.

*Note: tuition costs are only an estimate and for Maricopa County residents. Out of state tuition is higher. Tuition and fees are effective through June 30 and are subject to change by the MCCD Governing Board. Further information on tuition is available from the GCC Admissions and Records Office at (623) 845-3300.

Note: Fees payable to outside entities are the responsibility of the student. These fees may include the American College of Emergency Physicians (Advanced ITLS certification fee) and National Registry of EMTs (NREMT testing fee). Currently, the ACEP fee for ITLS certification is \$20 and the NREMT fee for the paramedic certification exam \$110.

Financial Aid

Students requesting financial aid should contact the Financial Aid Office at (623) 845-3321 as soon as possible. Approval of financial aid will likely take several weeks.

Important Dates:	
Application Deadline:	2/28/2012 by 5 p.m.
Classes Begin:	5/14/2012
Entrance Testing, Block 2	8/15/2012
Mandatory Pre-Class Meeting Block 1	
:	4/11/2012
Pre-Class Meeting Block 2	8/22/2012

- Attachments:
- GCC campus map
 - Paramedic program application
 - Written exam reference document
 - Skill sheets:
 - Patient Assessment Trauma
 - Random skills

Briefly state your reasons for applying to the G.C.C Paramedic Education Program:

Briefly summarize your patient care experience. Include your current job or any volunteer experience:

I UNDERSTAND THAT I MUST BE CURRENTLY CERTIFIED AS AN EMT-BASIC IN THE STATE OF ARIZONA.

Signature of Applicant Date

- Include the following items with your application:**
- * **Copy of your current AZ EMT-B certification card**
 - * **Copy of your current Healthcare Provider level CPR card (front and back)**
 - * **Proof of reading, English and math competency**
 - * **Completed application packet**
 - * **DPS fingerprint clearance card application receipt**
 - * **Transcripts from colleges / universities attended (unofficial transcripts accepted)**

You are encouraged to personally deliver your application to the EMT Department, located in the 04 Building on the northeast side of campus (see map). Applications can also be mailed to:

Attn: Paula Davis, EMT Dept
Glendale Community College
6000 West Olive Ave.
Glendale, AZ 85302

For additional information, contact:

Paula Davis, RN, FNP
ALS Program Director
623.845.3973
paula.davis@gcmail.maricopa.edu

Mike Patten, NREMT-P, FP-C
Paramedic Program Coordinator
Michael.patten@gcmail.maricopa.edu

GLENDALE COMMUNITY COLLEGE
Paramedic Education Program
Entrance Exam Preparation

The written entrance exam for block 2 includes three primary topic areas

1. EMT-B knowledge (about 70% of test):
 - a. Introduction to Emergency Medical Care
 - b. Well Being of the EMT
 - c. Medical, Legal, Ethical Issues
 - d. The Human Body
 - e. Baseline Vitals and History Taking
 - f. Airway Management, Ventilation, Oxygen Therapy
 - g. Patient Assessment
 - h. Documentation
 - i. Medical Emergencies
 - j. Trauma
 - k. Infants and Children

2. Emergency Cardiac Care (about 15% of test):
 - a. Identify and describe the structures of the cardiovascular system.
 - b. Identify the causes and effects of heart disease.
 - c. Identify and describe the heart's electrical conduction system.
 - d. Identify each of the electrocardiographic wave forms.
 - e. Perform basic EKG rhythm analysis, calculating rate, and rhythm.
 - f. Identify each of the basic dysrhythmias.
 - g. Explain the relationship between EKG wave forms and complexes and the corresponding hemodynamic response.
 - h. Identify and list the treatment protocols for the patient with dysrhythmias.
 - i. Identify the medications used in the treatment of a patient with a cardiac emergency according to the most current America Heart Association's (AHA) Advanced Cardiac Life Support (ACLS) guidelines.
 - j. List the indications, contraindications, and modes of electronic pacemakers.

3. Pharmacology in an Emergency Setting (about 15% of test):
 - a. Identify the basic forms and routes of administration for medications.
 - b. Identify the following for the standard drugs included in the AZ paramedic drug box:
 1. Names
 2. Class
 3. Mechanism of action
 4. Packaging
 - c. For a given medication, calculate drug dosages and IV infusion rates.