



ADVANCED FIRST AID

PHOTO ID REQUIRED

Article 3 of the Coal Mine Safety Laws of Virginia establishes requirements for certification of coal mine workers. The certification requirements are included in §45.1-161.24 through §45.1-161.41 in which the Board of Coal Mining Examiners is established for the purpose of administering the certification program. The Board has promulgated certification regulations 4 VAC 25-20, which set the minimum standards and procedures required for Virginia coal miner examinations and certifications.

CERTIFICATION CLASSIFICATION: *Advanced First Aid*

This certification authorizes the holder to meet standards for emergency care in the coal mining industry required by §45.1-161.199.

APPLICATION/EXPERIENCE REQUIREMENTS:

- Application (BCME-1) and \$40.00 fee 5 working days prior to examination
 - **Note:** Classes are limited to 20 people and tend to fill quickly. Application fees are due no later than 5 working days prior to the examination, but this will not guarantee that an opening will be available.
- 24 hour Advanced First Aid course taught by an Advanced First Aid Instructor (**class must be completed and paperwork submitted prior to taking an exam**)
- Hold a General Miner Certification - Surface or Underground

NOTE: TRANSFER OF EMT/FIRST RESPONDER CERTIFICATION TO ADVANCED FIRST AID MAY BE ACCOMPLISHED BY:

- Application (BCME-1) and \$40.00 fee 5 working days prior to examination
- Provide verification of valid EMT/First Responder certification issued by EMS-VA
- Attend 8 hours Advanced First Aid Reciprocity Training Course conducted by a DM certified Advanced First Aid Instructor
- Hold a General Miner Certification - Surface or Underground

EXAMINATION REQUIREMENTS: The examination for certification in Advanced First Aid requires a passing score of 80% on the written sections of the examination.

NOTE: If exam is taken three (3) times without a passing score or if certification is revoked due to not completing the continuing education requirements, the applicant must retake the 24 hour Advanced First Aid course.

ELEMENTS OF EXAM **NUMBER OF QUESTIONS**

Section 1 (F1) 20

- Respiratory Emergencies, Respiratory System
- Introduction to First Aid
- Wounds

Section 2 (F2)

20

Circulatory System

- Control of Bleeding
- Shock

Section 3 (F3)

20

Musculoskeletal System

- | | |
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| <ul style="list-style-type: none"> ▪ Abdominal Injuries ▪ Chest Injuries ▪ Dislocations ▪ Face & Throat Injuries ▪ Fractures ▪ Head Injuries | <ul style="list-style-type: none"> ▪ Lower & Upper Extremities Injuries ▪ Pelvic Injuries ▪ Spinal Injuries ▪ Sprains ▪ Transporting Victims |
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Section 4 (F4)

25

Accidental Poisonings**Substance Abuse****Environmental Emergencies**

- Burns
- Cold Exposure
- Stings & Bites

Emergency Rescue

- Electrical Circuits
- Hazardous Materials
- Irrespirable Atmosphere
- Machinery Entrapment
- Roof & Rib Entrapment

Sudden Illness

- Diabetes
- Epilepsy
- Heart Attack
- Stroke

NOTE: Each student must successfully complete:

- Course in Cardiopulmonary Resuscitation (CPR) i.e., heart saver or other four-hour equivalent
- Practical examination which includes forearm, lower leg, spine board

RECOMMENDED REFERENCE/STUDY MATERIALS:

- BCME Requirements (No Charge)

The above mentioned study materials are available at the Department of Mines, Minerals and Energy's Big Stone Gap Office, Customer Assistance Center (276) 523-8233 and Lebanon Field Office (276) 415-9650.

*4 hours Advanced First Aid continuing education annually will update this certification.

*Contact Mountain Empire Community College (MECC) 276-523-2400 for class information.

NOTE: A current EMT or First Responder Card issued by Virginia Emergency Medical Services (EMS) may be submitted in lieu of Advanced First Aid continuing education.