



IMPACT

EMS TRAINING

Advanced EMT

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Welcome to Impact EMS Training Academy!

We are thrilled to welcome you to EMS Training Academy, an exciting opportunity for emergency medical service professionals to enhance their skills, knowledge, and teamwork. The coming days are designed to provide hands-on training, interactive scenarios, and invaluable networking opportunities with fellow EMS practitioners. Whether you are a seasoned EMT or aspiring to advance your licensure, our diverse Instructor cadre will equip you with the latest techniques and best practices in emergency care. Let's make this week a transformative experience filled with learning, collaboration, and inspiration!



Academy Agenda

Day 1	
0800-0830	Welcome/ Introductions
0830-1000	Breakout Station #1 NREMT Skills: <u>Airway</u> -BVM -Supraglottic -Pediatric -Suctioning
1000-1030	Break
1030-1200	Breakout Station #2 NREMT Skills: <u>Medical</u> -IV -IO -IM -IN -Med-math
1200-1300	Lunch
1300-1400	CPR and AED/ Cardiology
1400-1515	Scenarios
1515-1545	Break
1545-1700	Scenarios
1700	Dismissal
Day 2	
0800-0900	CPAP and EtCo2
0900-1015	Scenarios
1015-1045	Break
1045-1200	Scenarios
1200-1300	Lunch
1300-1330	Trauma Lecture
1-1515	Scenarios
1515-1545	Break
1545-1700	Scenarios
1700	Dismissal
Day 3	
0800-0930	Heart and lung lab
0930-1200	Scenarios and skills
1200-1300	Lunch
1300-1700	Scenarios and skills
1700	Dismissal



Food locations around Triple Play:

- KFC
- Zips
- Pizza Hut
- Toro Viejo
- Super 1 Grocery
- Rodgers Ice-cream and Burgers
- Uncorked
- Cochinito Taqueria
- Parallel 47
- Capone's Pub and Grill
- Dairy Queen
- Jimmy Johns
- FU-KI
- Triple Play food court

****The following medications and dosages are generalized. Please consult your local protocols and guidelines regarding the scope to which you can practice and administer dosage.*

Advanced EMT Medications	
Dextrose (D50)	25g
Aspirin	324mg
Albuterol (Proventil)	2.5mg nebulized
Diazepam (Valium) Autoinjector	10mg
Diphenhydramine (Benadryl)	25-50mg
Epinephrine 1:1000- IM	0.30mg
Fentanyl (Sublimize)	50-100mcg
Glucagon (Glucagen)	1mg
Ipratropium (Atrovent)	0.5mg
Midazolam (Versed)	10mg
Morphine	2.5-10mg
Naloxone (Narcan)	4mg
Nitroglycerin	0.4mg
Nitrous Oxide (Nitronox)	70% titrate
Ondansetron (Zofran) ODT	4mg
Oxygen	1-15lpm



AEMT Certification Examination domain information

Content Domain	Percent of Examination
Airway, Respiration & Ventilation*	9% - 13%
Cardiology & Resuscitation*	11% - 15%
Trauma*	7% - 11%
Medical/Obstetrics/Gynecology*	25% - 29%
EMS Operations	6% - 10%
Clinical Judgment*	31% - 35%

**Note: items related to pediatric patient care will be integrated throughout the examination content.*

Types of NREMT questions

Build List: Candidates must position several presented options into the order specified in the item instructions.

Drag-and-Drop: Candidates must position several presented options into certain categories, classifications, or other identifiers as specified in the item instructions.

Option/Check Box: Candidates must classify, categorize, or identify several options presented in a table based on certain specified criteria.

NREMT Sample Exam

<https://starttest.com/ITDVersions/23.2.0.0/ITDStart.aspx?SVC=32de7f19-1580-488e-878a-aa360a261e05&Json=1>



Formative:

The following skills will be performed in a lab setting with an educational preceptor's assistance. Preceptor initials are required for proof of competence.

<u>Airway</u>		Initials		Total						
Insert Supraglottic Airway				2						
Perform endotracheal suctioning				2						
<u>Cardiac</u>										
EtCO2 monitoring and interpretation of waveform				2						
Perform auto or semi-auto defibrillation				2						
<u>Medical</u>										
Administer Medication - IM injection				2						
Administer Medication - IV				2						
Administer Medication – Intranasal				2						
Establish IO Access				2						
Establish IV Access				2						
<u>Patient Assessments</u>										
Adult										Total 10
Geriatric										Total 10
Pediatric										Total 5

Note: Many skills may be completed on the same assessment.



Summative/Capstone

The following skills and assessments will be performed in the Lab or clinical–field setting with minimal to no educational preceptor assistance. Each box requires a preceptor’s initials and the date on which the skill was performed.

<u>Airway</u>										Total
Insert Supraglottic Airway										10
Perform endotracheal suctioning										1
<u>Cardiac</u>										Total
EtCO2 monitoring and interpretation of waveform										5
Perform auto or semi-auto defibrillation										1
<u>Medical</u>										Total
Administer Medication - IM injection										2
Administer Medication – IV										2
Administer Medication – Intranasal										2
Establish IO Access										2
Establish IV Access										20
<u>Patient Type Requirements</u>										Total
Cardiac Arrest or other										5
Medical										5



Neurological						5	
Obstetrics							2
Psychiatric/Behavioral						5	
Respiratory						5	
Trauma						5	
Distressed Neonate							2
Full patient assessment as a lead. (start to finish)						5	

Note: Many skills may be completed on the same assessment.

After the skills days, it is recommended that students continue to work on skills (above) upon return to your home area. Once you have taken the NR-AEMT Cognitive exam, regardless if you have passed or not, your internship must end as you await certification results.

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Advanced Level Psychomotor Examination

PATIENT ASSESSMENT - MEDICAL

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Scenario #: _____

	Possible	Points
Actual Time Started: _____ 15-minute time limit	Points	Awarded
Takes or verbalizes appropriate PPE precautions	1	
SCENE SIZE-UP		
Determines the scene/situation is safe	1	
Determines the mechanism of injury/nature of illness	1	
Determines the number of patients	1	
Requests additional help if necessary	1	
Considers stabilization of spine	1	
PRIMARY ASSESSMENT		
Verbalizes general impression of the patient	1	
Determines responsiveness/level of consciousness	1	
Determines chief complaint/apparent life threats	1	
Assesses airway and breathing - Assessment (1 point) - Assures adequate ventilation (1 point) - Initiates appropriate oxygen therapy (1 point)	3	
Assesses circulation - Assesses/controls major bleeding (1 point) - Assesses skin [either skin color, temperature, or condition] (1 point) - Assesses pulse (1 point)	3	
Identifies priority patients/makes transport decision	1	
HISTORY TAKING AND SECONDARY ASSESSMENT		
History of present illness - Onset (1 point) - Severity (1 point) - Provocation (1 point) - Time (1 point) - Quality (1 point) - Clarifying questions of associated signs and symptoms as related to OPQRST (2 points) - Radiation (1 point)	8	
Past medical history - Allergies (1 point) - Past pertinent history (1 point) - Events leading to present illness (1 point) - Medications (1 point) - Last oral intake (1 point)	5	
Performs secondary assessment [assesses affected body part/system or, if indicated, completes rapid assessment] - Cardiovascular - Pulmonary - Genitourinary - Neurological - Musculoskeletal - Reproductive - Integumentary - Gastrointestinal - Psychological/Social	5	
Vital signs - Pulse (1 point) - Respiratory rate (1 point) - Level of consciousness (1 point) - Blood pressure (1 point) - Respiratory quality (1 point)	5	
Diagnostics [blood glucose test, pulse oximetry, etc.] as indicated	2	
States field impression of patient	1	
Verbalizes treatment plan for patient and calls for appropriate intervention(s)	1	
Re-evaluates transport decision	1	
REASSESSMENT		
Repeats primary assessment	1	
Repeats vital signs	1	
Evaluates response to treatments	1	
Repeats secondary assessment regarding patient complaint or injuries	1	
Actual Time Ended: _____	TOTAL	48

CRITICAL CRITERIA

- _____ Uses or orders a harmful intervention
- _____ Exhibits unprofessional behavior

You must factually document your rationale for checking any of the above critical criteria on the reverse side of this form.



PATIENT ASSESSMENT - TRAUMA

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Scenario #: _____

Actual Time Started: _____ 10-minute time limit	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
SCENE SIZE-UP		
Determines the scene/situation is safe	1	
Determines the mechanism of injury/nature of illness	1	
Determines the number of patients	1	
Requests additional help if necessary	1	
Considers stabilization of spine	1	
PRIMARY ASSESSMENT/RESUSCITATION		
Verbalizes general impression of the patient	1	
Determines responsiveness/level of consciousness	1	
Determines chief complaint/apparent life threats	1	
Airway	2	
- Opens and assesses airway (1 point)		
- Inserts appropriately sized adjunct (1 point)		
Breathing	4	
- Assesses breathing (1 point)		
- Assures adequate ventilation (1 point)		
- Administers oxygen (1 point)		
- Manages any injury which may compromise breathing/ventilation (1 point)		
Circulation	4	
- Checks pulse (1 point)		
- Assesses skin [either skin color, temperature, or condition] (1 point)		
- Assesses for and controls major bleeding if present (1 point)		
- Initiates shock management (1 point)		
Identifies priority patients/makes transport decision based upon calculated GCS	1	
HISTORY TAKING		
Obtains, or directs assistant to obtain, baseline vital signs	1	
Attempts to obtain SAMPLE history	1	
SECONDARY ASSESSMENT		
Head	3	
- Inspects the head (1 point)		
- Palpates the skull (1 point)		
- Assesses eyes for reactivity (1 point)		
Neck	3	
- Inspects position of trachea (1 point)		
- Inspects jugular veins (1 point)		
- Palpates cervical spine (1 point)		
Chest	3	
- Inspects chest (1 point)		
- Palpates chest (1 point)		
- Auscultates chest (1 point)		
Abdomen/pelvis	3	
- Inspects abdomen (1 point)		
- Palpates abdomen (1 point)		
- Assesses pelvis (1 point)		
Lower extremities	2	
- Inspects, palpates, and assesses motor, sensory, and distal circulatory functions (1 point/leg)		
Upper extremities	2	
- Inspects, palpates, and assesses motor, sensory, and distal circulatory functions (1 point/arm)		
Posterior thorax, lumbar, and buttocks	2	
- Inspects posterior thorax (1 point)		
- Palpates posterior thorax (1 point)		
Manages secondary injuries and wounds appropriately	1	
Reassesses patient	1	
Actual Time Ended: _____	TOTAL	42

CRITICAL CRITERIA

- ____ Uses or orders a harmful intervention
- ____ Exhibits unprofessional behavior

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Idaho Bureau of EMS and Preparedness
 Advanced Level Psychomotor Examination
INTRAVENOUS THERAPY

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____ 6-minute time limit	Possible Points	Points Awarded
Checks selected IV fluid for: - Proper fluid (1 point) - Clarity (1 point) - Expiration date (1 point)	3	
Selects appropriate catheter	1	
Selects proper administration set	1	
Connects IV tubing to the IV bag	1	
Prepares administration set [fills drip chamber and flushes tubing]	1	
Cuts or tears tape [at any time before venipuncture]	1	
Takes or verbalizes appropriate PPE precautions [prior to venipuncture]	1	
Applies tourniquet	1	
Palpates suitable vein	1	
Cleanses site appropriately	1	
Performs venipuncture - Inserts stylette (1 point) - Notes or verbalizes flashback (1 point) - Occludes vein proximal to catheter (1 point) - Removes stylette (1 point) - Connects IV tubing to catheter (1 point)	5	
Disposes/verbalizes proper disposal of needle in proper container	1	
Releases tourniquet	1	
Runs IV for a brief period to assure patent line	1	
Secures catheter [tapes securely or verbalizes]	1	
Adjusts flow rate as appropriate	1	
Actual Time Ended: _____	TOTAL 22	

CRITICAL CRITERIA

- Fails to establish a patent IV within three attempts
- Uses or orders a harmful intervention
- Exhibits unprofessional behavior

You must factually document your rationale for checking any of the above critical criteria on the reverse side of this form.



Idaho Bureau of EMS and Preparedness
Advanced Level Psychomotor Examination
INTRAVENOUS BOLUS MEDICATIONS

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____ 3-minute time limit	Possible Points	Points Awarded
Asks patient for known allergies	1	
Selects correct medication	1	
Assures correct concentration of medication	1	
Assembles prefilled syringe correctly and dispels air	1	
Continues to take or verbalize appropriate PPE precautions	1	
Identifies and cleanses injection site closest to the patient [Y-port or hub]	1	
Reaffirms medication	1	
Stops IV flow	1	
Administers correct dose at proper push rate	1	
Disposes/verbalizes proper disposal of syringe and needle in proper container	1	
Turns IV on and adjusts drip rate to TKO/KVO	1	
Verbalizes need to observe patient for desired effect and adverse side effects	1	
Actual Time Ended: _____	TOTAL 12	

CRITICAL CRITERIA

- Uses or orders a harmful intervention
- Exhibits unprofessional behavior

You must factually document your rationale for checking any of the above critical criteria on the reverse side of this form.



Idaho Bureau of EMS and Preparedness
Advanced Level Psychomotor Examination
PEDIATRIC INTRAOSSEOUS INFUSION

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____ 6-minute time limit	Possible Points	Points Awarded
Checks selected IV fluid for: - Proper fluid (1 point) - Clarity (1 point) - Expiration date (1 point)	3	
Selects appropriate equipment to include: - IO needle (1 point) - Syringe (1 point) - Saline (1 point) - Extension set or three-way stopcock (1 point)	4	
Selects proper administration set	1	
Connects administration set to bag	1	
Prepares administration set [fills drip chamber and flushes tubing]	1	
Prepares syringe and extension tubing or three-way stopcock	1	
Cuts or tears tape [at any time before IO puncture]	1	
Takes or verbalizes appropriate PPE precautions [prior to IO puncture]	1	
Identifies proper anatomical site for IO puncture	1	
Cleanses site appropriately	1	
Performs IO puncture: - Stabilizes tibia without placing hand under puncture site and "cupping" leg (1 point) - Inserts needle at proper angle (1 point) - Advances needle to the appropriate depth (1 point) - Removes stylette (1 point)	4	
Disposes/verbalizes proper disposal of needle in proper container	1	
Attaches syringe and extension set to IO needle and aspirates; or attaches three-way stopcock between administration set and IO needle and aspirates; or attaches extension set to IO needle [aspiration is not required for any of these as many IO sticks are "dry" sticks]	1	
Injects saline to confirm placement	1	
Adjusts flow rate/bolus as appropriate	1	
Secures needle and supports with bulky dressing [tapes securely or verbalizes]	1	
Actual Time Ended: _____	TOTAL	24

CRITICAL CRITERIA

- ___ Fails to establish a patent IO within two attempts
- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

You must factually document your rationale for checking any of the above critical criteria on the reverse side of this form.



Idaho Bureau of EMS and Preparedness
 Advanced Level Psychomotor Examination
SUPRAGLOTTIC AIRWAY DEVICE

Candidate: _____ Examiner: _____
 Date: _____ Signature: _____
 Device: _____

NOTE: If candidate elects to initially ventilate with BVM attached to reservoir and oxygen, full credit must be awarded for steps denoted by “**” so long as first ventilation is delivered within 30 seconds.

Actual Time Started: _____	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Opens the airway manually	1	
Inserts appropriately sized airway adjunct	1	
NOTE: Examiner must now inform candidate no gag reflex is present, and patient accepts adjunct.		
**Ventilates patient immediately with bag-valve-mask device	1	
**Ventilates patient with room air	1	
NOTE: Examiner must now inform candidate that ventilation is being performed without difficulty and that pulse oximetry indicates the patient’s blood oxygen saturation is 85%.		
Attaches oxygen reservoir to bag-valve-mask device and connects to high-flow oxygen regulator [12 – 15 L/minute]	1	
Ventilates patient with appropriate volumes	1	
NOTE: After 30 seconds, examiner must auscultate and report breath sounds are present and equal bilaterally, and medical direction has ordered insertion of a supraglottic airway. The examiner must now take over ventilation.		
Checks/prepares supraglottic airway device	1	
Lubricates distal tip of the device [may be verbalized]	1	
NOTE: Examiner must now remove airway adjunct and move out of the way when candidate is prepared to insert device.		
Positions head properly	1	
Performs a tongue-jaw lift	1	
Inserts device to proper depth	1	
Properly secures device per manufacturer’s instructions	1	
Ventilates patient and confirms proper ventilation by auscultation bilaterally over lungs and over the epigastrium	1	
Adjusts ventilation as necessary	1	
Verifies proper tube placement by secondary confirmation such as capnography, capnometry, esophageal detector device, or colorimetric device	1	
NOTE: The examiner must now ask the candidate, “How would you know if you are delivering appropriate volumes with each ventilation?”		
Secures device or confirms that the device remains properly secured	1	
Observes skin signs, capnography/capnometry, or pulse oximeter to determine adequacy of ventilation	1	
Actual Time Ended: _____	TOTAL	18

CRITICAL CRITERIA

- ___ Fails to establish a patent airway within three attempts
- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

You must factually document your rationale for checking any of the above critical criteria on the reverse side of this form.



**Idaho Bureau of EMS and Preparedness
Advanced Emergency Medical Technician Psychomotor Examination**

**PEDIATRIC RESPIRATORY
COMPROMISE**

Candidate: _____ Examiner: _____
Date: _____ Signature: _____

Actual Time Started: _____

	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Verbalizes general impression of the patient	1	
Determines level of consciousness	1	
Assesses the airway [looks for secretions and signs of foreign body airway obstruction; listens for audible noises and voice sounds]	1	
Assesses breathing [checks rate, rhythm, chest excursion, audible noises]	1	
Attaches pulse oximeter and evaluates SpO ₂ reading	1	
NOTE: Examiner now informs candidate, "Pulse oximeter shows a saturation of 82%."		
Selects proper delivery device and attaches to oxygen	1	
Administers oxygen at proper flow rate [blow-by oxygen, non-rebreather mask]	1	
Checks pulse	1	
Evaluates perfusion [skin color, temperature, condition; capillary refill]	1	
Obtains baseline vital signs	1	
NOTE: Examiner now advises candidate that patient begins to develop decreasing SpO₂, decreasing pulse rate, see-saw respirations, head bobbing, drowsiness, etc.		
Places patient supine and pads appropriately to maintain a sniffing position	1	
Manually opens airway	1	
Selects appropriately sized airway adjunct	1	
NOTE: Examiner now informs candidate no gag reflex is present, and patient accepts airway adjunct. The patient's respiratory rate is now 20/minute.		
Inserts airway adjunct properly and maintains head and neck for ventilation	1	
Selects appropriate BVM and attaches reservoir to oxygen flowing at 12 – 15 L/minute	1	
Assures tight mask seal to face	1	
Ventilates at sufficient volume to cause chest rise	1	
NOTE: The examiner must now ask the candidate, "How would you know if you are delivering appropriate volumes with each ventilation?"		
Observes skin signs, capnography/capnometry, or pulse oximeter to determine adequacy of ventilation	1	
Calls for immediate transport of patient	1	
Actual Time Ended: _____	TOTAL	20

CRITICAL CRITERIA

- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

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**Idaho Bureau of EMS and Preparedness
Advanced Emergency Medical Technician Psychomotor Examination**

**CARDIAC ARREST MANAGEMENT /
AED**

Candidate: _____ Examiner: _____

Date: _____ Signature: _____

Actual Time Started: _____	Possible Points	Points Awarded
Takes or verbalizes appropriate PPE precautions	1	
Determines the scene/situation is safe	1	
Attempts to question any bystanders about arrest events	1	
Checks patient responsiveness	1	
Assesses breathing and pulse simultaneously – Assesses patient for signs of breathing [observes the patient and determines the absence of breathing or abnormal breathing (gaspings or agonal respirations)] (1 point) – Checks carotid pulse [no more than 10 seconds] (1 point)	2	
Immediately begins chest compressions [adequate depth and rate; allows the chest to recoil completely]	1	
Requests additional EMS response	1	
Performs 2 minutes of high quality, one-rescuer adult CPR – Adequate depth and rate (1 point) – Correct compression-to-ventilation ratio (1 point) – Allows the chest to recoil completely (1 point) – Adequate volumes for each breath (1 point) – Minimal interruptions of less than 10 seconds throughout (1 point)	5	
NOTE: After 2 minutes (5 cycles), patient is assessed, and second rescuer resumes compressions while candidate operates AED.		
Turns on power to AED	1	
Follows prompts and correctly attaches AED to patient	1	
Stops CPR and ensures all individuals are clear of the patient during rhythm analysis	1	
Ensures that all individuals are clear of the patient and delivers shock from AED	1	
Immediately directs rescuer to resume chest compressions	1	
Actual Time Ended: _____	TOTAL	18

CRITICAL CRITERIA

- ___ Uses or orders a harmful intervention
- ___ Exhibits unprofessional behavior

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