Chief 101-OEMS Education

OEMS Education Workgroup

March 6, 2019
Program Objectives

Establish standards and provide regulatory oversight of Education leading to an Initial Credential or the Renewal of a Credential:

• Credentials

• Education Institutions

• Local System CE Coordinators

• Educational Standards

• Compliance Monitoring
Credentials

• Initial Credential Issued after:
  • Successful completion of an NCOEMS Approved Course and successfully passing the NCOEMS State Credentialing Exam
  • Those successfully meeting the Legal Recognition requirements
  • Pending background check
Credentials

• **Renewal Completed through:**
  - Local renewal process
  - Successful completion of a refresher course
  - Pending background check

• **Delay in Credential Issuance**
  - If individual resides outside of NC
    - Will be required to complete a National
  - Has hits on Background
    - Once reviewed Credential may be released
Renewal of Credentials

• Prior to Expiration:
  • Education institution can renew within 90 days of expiration
  • Complete approved refresher course (non-affiliated)

• Expired Credentials:
  • EMR and EMT
    • Up to 24 months from date of expiration, will need to complete approved refresher and test state written exam
    • After 24 months will be required to complete an Initial course

  • AEMT and Paramedic
    • Up to 24 months from date of expiration, complete approved refresher
    • 24-48 months from date of expiration, will need to complete approved refresher and written exam
    • Past 48 months from expiration, complete new initial course and written exam
Instructor Overview
Instructor Requirements

Level I Requirements:

• 3 years field experience
• 100 hours teaching experience
  • At the level of application
  • In an Approved EMS Education Program
• Current EMS Credential
• OEMS Instructor Workshop
• Educational Scope of Practice
• High School diploma or GED
• EMS Instructor Methodology or NAEMSE Level I
Instructor Requirements

**Level II Requirements:**
- 2 years as a Level I Instructor
  - At the level of application
- Current EMS Credential
- EMS Education Administration Course or NAEMSE Level II
- Associate Degree of higher
- Educational Scope of Practice
Legal Recognition

• Must request legal recognition through profile in Continuum
  • National Registry or other State EMS Credential
  • Proprietary Vendor Credential (IAED, APCO, or PowerPhone)

• Must provide documentation to OEMS
  • Online application
    • Can be obtained from NCOEMS
  • Must be a NC resident or provider agency affiliation
  • Out-of-state students who need NC EMT for clinical, if required by institution

• Will have to undergo a background check

• More information regarding legal recognition may be found at: https://www2.ncdhhs.gov/dhsr/EMS/resopros.htm
Educational Institutions
Educational Institutions

• **Continuing Education Educational Institution:**
  - May offer any level of CE
  - Requires Level I Instructor as Continuing Education Coordinator
  - Must have an NCCEP Approved Medical Advisor

• **Basic & Advanced Educational Institution:**
  - May offer Initial, CE and Refresher Courses at Level of approval
    - EMR, EMT, AEMT or Paramedic
  - Requires Level II Instructor as Program Coordinator
  - Must have an NCCEP Approved Medical Advisor
Educational Institutions

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Educational Institutions

**EMS Curricula for Educational Programs:**
- Currently follows National EMS Education Standards

**Addressing local EMS System needs:**
- Under System CE Coordinator
  - Con-Ed Guidelines:
    - Utilizing NREMT National Continued Competency Program
    - For non-affiliated or functioning in Systems with minimal feedback or patient outcome data

- System Specific CE Guidelines:
  - EMS System has the ability to develop a System Specific CE plan based on quality management data, Peer Review and prescribed CE as approved by System Medical Director
  - Will be held to the minimum hour *(Not topics)* requirements as listed in the Con-Ed Guidelines

**OEMS Compliance Monitoring**
- Model for OEMS to carry out statutory and regulatory roles
  - Verify compliance with specific Rules and approved system & education plans
  - Regulatory oversight in a “focused review” format
Computer Based Testing Update
Computer Based Testing - Current Issues

Scantron Assessment Solutions/EMSPIC/OEMS

• Authorization to test had to be resent to Scantron Assessment Solutions
  • Students with invalid email accounts
  • Certain email domains placing in Spam or Trash

• Resend “NTS/Notice To Schedule” email from Scantron Assessment Solutions
  • Due to no shows

• Refresh of exam data in Continuum
  • For those individuals results not displaying

CANDIDATES

• Invalid email accounts, resulting in the candidate not receiving
  • Successful completion of course email to initiate Exam Registration process
• “NTS/Notice To Schedule” email from Scantron Assessment Solutions
• Failure to follow the instructions for scheduling of exams
Computer Based Testing-Scoring
Modified Angoff

• Step 1: Standard Setting Team composed of 10 (SMEs) from various NC stakeholders

• Step 2: The Minimally Competent Candidate (MCC) to separate candidates that are qualified from those that are not

• Step 3: SMEs estimate the percentage of MCCs that would answer each correctly

• Step 4: Identify items where there is the most disagreement (as defined by grouped frequency distributions or standard deviation) and make the SMEs discuss it

• Step 5: Raters re-rate items based on the discussion.

• Step 6: Re-evaluate and estimate the mean and Standard Deviation of examinee scores and utilize a “reality check” between the modified-Angoff approach and actual test data.

• Step 7: Psychometrician provides recommended scoring for final determination, which is computed for all exams taken and results are exported to Continuum for release
Computer Based Testing-Scoring Results

• All candidates will receive a breakdown of Domains and Percentages

  • Percentages displayed does not reflect the actual numeric score
    • Due in part to the variation on item numbers per domain

  • Candidates will be informed to review material in their weaker sections and failure to review their stronger sections may result in lower scoring on the next attempt
Computer Based Testing - Credentials

• Results are exported from Scantron Assessment Solutions to Continuum every 24hrs

• Once results are posted in Continuum, the AOC/Background process begins to run

• If no hits on AOC, no self reported hits on Applicant Statement and the individual has lived in NC for greater than 5yrs, the Credential will release within 24hrs

• To date, we have seen
  • Candidate test on Friday
  • Results posted on Saturday
  • Credential released to active on Sunday
NCOEMS Education Staff

• **Main Office:**
  • Todd Messer, Education Manager- (919) 855-3839
todd.messer@dhhs.nc.gov

• David Ezzell, Education Programs Consultant
  (919) 855-3960
david.ezzell@dhhs.nc.gov
NCOEMS Education Staff

• **Educational Specialists:**
  - San Juan Timmons – Central Regional Office- (919) 855-4681
    [SanJuan.Timmons@dhhs.nc.gov](mailto:SanJuan.Timmons@dhhs.nc.gov)
  - Robbie Amerson – Eastern Regional Office- (252) 208-2456
    [robert.amerson@dhhs.nc.gov](mailto:robert.amerson@dhhs.nc.gov)
  - Tonja Pool- Western Regional Office- (828) 466-5548 x 106
    [tonja.pool@dhhs.nc.gov](mailto:tonja.pool@dhhs.nc.gov)
Summary & Questions