



NC Department of Health and Human Services

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

• NC 018:

TYPE	NUMBER
AEI	104
BEI	18
CEI	46
TOTAL	168

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

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Summary & Questions