EDUCATION STANDARDS

June, 2007

NHTSA & HRSA (EMS-C)
contract with

The National Association of EMS Educators
The EMS Education Agenda for the Future: A Systems Approach

The Universe of EMS Knowledge & Skills

Delineation of provider practice levels

Replaces the current National Standard Curricula

National EMS Core Content

National EMS Scope of Practice

National EMS Education Standards

National EMS Certification

National EMS Education Program Accreditation

Periodic updates of these three documents

A single agency for each function- Standard exam, minimum competence, consumer protection
The Emergency Medical Responder

- Very similar to today’s First Responder
- Focus: immediate lifesaving care to critical patients
- Skills: Oxygen, BVM, suction, oral airways, AED.
Emergency Medical Technician

- Very similar to today’s EMT-Basic
- Focus: basic emergency medical care and transportation for critical and emergent patients
- Skills: pulse ox, assisted meds, oral glucose, ASA.
Advanced EMT

- **Focus:** basic and *limited* advanced care
- **Skills:** Combitube, IV/IO, NTG, Epi 1:1000, glucagon, D50, β2 agonists, narcan, N₂O₂
Paramedic

- Very similar to today’s EMT-Paramedic
- Focus: **advanced** emergency medical care and transportation for **critical and emergent** patients
- Skills: CPAP, Capnography, 12 Lead interp, thrombolytics, PAI, Blood chemistry analysis, etc.
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<th>Education Standards</th>
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<td>Replace NCS</td>
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<td>Encourage creativity, alternative delivery methods</td>
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<td>Are broad</td>
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<td>Identify the necessary depth of content</td>
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AND
Instructional Guidelines

- Companion document to Education Standards
- More specific & with “key knowledge points”, “essential skills”, and “elaboration”
INSTRUCTIONAL GUIDELINES

- NOT part of the Education Standards
- More specific—subject to becoming outdated
- Includes outline of content
- NOT to be construed as required Education Standards
Provider Levels

Emergency Medical Responder — Kim McKenna

EMT — Mike O’Keefe

Advanced EMT — Pauline Van Meurs

Paramedic — Gregg Margolis
Content Sections

* Preparatory
* Airway
* Assessment
* Resuscitation
* Cardiology
* Trauma
* Medical
* Special pts
* Ops
* Educational Infrastructure
Peds is integrated
So what do these draft EDUCATION STANDARDS look like?

For each provider level, a list of

- COMPETENCIES
- Knowledge required
- Clinical behavior and judgment
- Ed Infrastructure
## Provider levels side by side

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<th>EMT</th>
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“EMT” is specific to that provider level, NOT generic!

“EMS Personnel” or “EMS Provider” is the generic term
Medical direction for all levels

Student evaluation in all domains, all levels
Use of traditional patient assessment terminology

Patient contacts included for EMT and above

Course length = competency based
WARNING

Viewer discretion advised!
The next slide contains material that may be offensive to small children, medical directors, fire chiefs, and service administrators...
EMT length: APPROX 166 – 198 hrs

Presumes “AVERAGE”
“AVERAGE”

- Talk fast!
- 2nd year med students?
- 1st year Emergency Med residents?
- Certified respiratory therapists?
- H.S. class?
- Academic background?
- Motivation?
More pathophysiology included for EMT—AIRWAY, VENTILATION, OXYGENATION, SHOCK, BLEEDING, RESPIRATORY DISTRESS
EMT CLASSES

- NOT necessarily all “seat time”

- Includes CPR, skills labs, testing in all domains, patient contact time, NIMS, Haz Mat orientation
Draft 1.0

What do we do about ambulance operations?
EMR Draft 1.0

- 48-52 hrs
- More info on anaphylaxis, airway, GI bleeding, diabetic emergencies, poisoning and chest pain
AEMT Draft 1.0

- ESTIMATED 140 – 166 additional hrs over EMT
- More info related to background for skills
- Requires patient contacts
PARAMEDIC Draft 1.0

- Ed Infrastructure references
  CoAEMSP standards for paramedic level
Program director: full time, bachelor’s degree

Sponsorship: academic institution must be a consortium member

Curric: 1000-1300 hrs

Adequate clinical resources

Ongoing program eval
TIME LINE

- Oct ’05 --began

- Oct – April ’06 -- Organized participants and process

- May ’06 --First National Stakeholders Mtg
- May ’07- June –1st draft of Ed Standards & IG
- May – July ’07—receive input on 1st drafts
- Sept 07—2nd drafts for all levels
- Sept ’07 – Jan ’08—receive input on 2\textsuperscript{nd} drafts
- Feb’ 08—Second Stakeholders meeting
- April ’08—3\textsuperscript{rd} draft
- Aug ’08—Deliver to NHTSA
WE MUST UNDERSTAND:

- For the Education Agenda system to work to improve EMS education, ALL components must work together—including national accreditation and national certification!
WEBSITE

- www.nemses.org

National EMS Ed Standards.org
Did I mention this is a ...
QUESTIONS?