National Fire Academy, FESHE and EMS Management Education

Michael Ward, Chair
National EMS Management Curriculum committee
Fire and Emergency Services Higher Education (FESHE) Program

Establish an organization of post-secondary institutions to promote higher education and to enhance the recognition of the fire and emergency services as profession to reduce loss of life and property from fire and other hazards.

NFA mission expanded 2008 into EMS
FESHE results 1999 - 2007

Faculty from fire-based associate and bachelor degree programs work with stakeholders to develop a model curricula. Textbook publishers invited in 2002. By Academic Year 2006 - 2007 all of the model fire science courses have two or more textbooks that meet the FESHE curricula.
EMS Management Degree

Michael Ward, Chair, George Washington Univ

Jeff Lindsey PhD, NAEMSE

David Becker, IAFC EMS Section

Sebastian Wong, Las Positas College
San Fran EMS Chief

Bob Seitz and Mike Hahn, University of Pittsburgh

Bruce Evans, Vice Chair, CC Southern NV

Bruce Walz PhD, Stephen Dean PhD, and Kurt Krumperman

University of Maryland
Baltimore County

Erik Gaull, NFA contract instructor

Angel Burba, Howard Community College
October 31, 2006: First NFA meeting
January 08, 2007: **Inaugural Meeting Report**

- Comprehensive list of existing EMS courses available through six colleges and universities
- List of proposed EMS Management courses

**Six presentations, four informational sessions and four trade journal articles**

**Two focus group sessions**

**Met with existing professional groups**

Cal Chiefs: **EMS Academy**

Center for Public Safety Excellence

*Chief Medical Officer*
National EMS Management Curriculum committee

USFA/National Fire Academy | Maryland | Pittsburgh | GWU | U of Florida | St. Petersburg College | Springfield College

This is a Federal Advisory Committee Act compliant group that reports to the National Fire Academy Board of Visitors on a proposed national undergraduate EMS Management curricula that will use the Fire and Emergency Services Higher Education (FESHE) process to accomplish the committee goals.

Committee Action Plan

News: updated June 1, 2007

National Association of EMS Educators (Hollywood, CA) Jeff Lindsey; FESHE Curriculum Saturday September 15 @ 12:45 PM

International Association of Fire Chiefs: Fire-Rescue International (Atlanta) Bruce Evans; EMS Officers Professional Development Model Tuesday August 21 @ 8:30 AM. This is part of the Challenges and Opportunities in Fire EMS Leadership preconference program.

International Association of Fire Fighters: EMS on Fire (Houston) Mike Ward informational session TBA June 25 - 27.

FESHE 6th Annual Conference (Elmiritusburg, MD) FESHE committee Targeted Professional Development Needs Saturday, June 2 @ 10 am.

IAFC Fire-Rescue Med (Las Vegas) informational session. Monday, April 30 Noon Salon A

EMS Today (Baltimore) informational sessions. Friday, March 9 and Saturday March 10 @ 11:30 at the National Association of EMS Educators booth 106.

January 18, 2007; NFA releases Draft 2.2 for organizational review and comment - responses due back by February 18.

Proposed EMS Courses

Foundations of EMS Systems
EMS Operations
Human Resource Management
Management of EMS
Quality Management and Research
EMS Educator/Instruction
Management of Ambulance Services
Safety/Risk Management

Committee Members

Mike Ward (chair - GWU)
Bruce Evans (vice chair - CCSN)
Jeff Lindsey (NAEMSE)
Dave Becker (IAFC EMS Section)
Stephen Dean (Maryland)
Bob Seitz (Pittsburgh)
Seb Wong (Los Postas CA)
Angel Burbia (HCCC Maryland)
Bruce Waltz (Maryland)
Erik Gauli (NFA contract faculty)

one page contact list

Reports and Documents

Draft 2.2 report 01/08/2007 (31 page, 178 KB .pdf file)
Draft 2.1 without cover, Appendix 3, 4 and 6 (11 page, 72 KB .pdf file)
Appendix 3: Current EMS Management courses (8 page, 46 KB .pdf file)
Appendix 6: EMS Management Competencies (8 page, 33 KB .pdf file)

National EMS Academy Professional Development Model

The National Fire Academy (NFA) has been involved in fire-based higher education and professional development since the creation of the Degrees at a Distance bachelor program in the 1970's. NFA expanded this mission in 1999 by starting the Fire and Emergency Service Higher Education (FESHE) strategic direction. NFA assembled interested faculty from fire-based associate and bachelor degree programs to work with fire service stakeholders to update the fire-based curricula that was established at the 1986 Wingspread Conference.

Working as a conduit, NFA provides an annual meeting at the Elmiritusburg, Maryland, campus where interested academic and fire service members donated their time and talent to develop a model fire-based associate and bachelor curricula. During the 2002 conference, NFA had arranged a roundtable with the fire science textbook publishers. By Academic Year 2002 - 2007 all of the model fire science courses have two or more textbooks that meet the FESHE curricula.

The National EMS Management Curriculum committee believes that participating in the FESHE process will generate educational resources that will assist the existing EMS Management degree programs and provide a template for other colleges and universities to follow.

No Federal funds have been expended to establish or maintain this webpage. The views and opinions expressed on these pages are those of the authors. The contents of this page have not been reviewed or approved by The George Washington University.

Outreach Results

Bachelor degree in EMS Management
Similar to FESHE model bachelor degree.
Unique EMS courses

Foundations of EMS Systems
Injury and Illness Prevention in the Community
EMS Quality and Performance Management
Management of Transport Services
FESHE Product

Model academic courses

Description, outcome, goals, learning objectives, resources and point of contact

Coordination with professional standards

“rookie to retired” coordination of technical training and academic courses linked to the professional requirements of:

– National Fire Protection Association
– International Association of Fire Chiefs
– Center for Public Safety Excellence
Focused on Horizon

Ability to Manage

Focused on Road

Ability to do the work

EMS Executive

EMS Chief Officer

Risk Management

Operations

EMS Manager

EMS Supervisor

Special Certifications

Preceptor/Instructor

Paramedic

EMT
# Required courses

<table>
<thead>
<tr>
<th>EMS Core</th>
<th>General Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations of EMS Systems</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>EMS Operations and Administration</td>
<td>Basic Management</td>
</tr>
<tr>
<td>Injury and Illness Prevention in the Community</td>
<td>Statistics and Qualitative Analysis</td>
</tr>
<tr>
<td>EMS Quality and Performance Management</td>
<td>Financial and Managerial Accounting</td>
</tr>
<tr>
<td>Legal, Political, and Regulatory Environment of EMS</td>
<td>Health Care Financing</td>
</tr>
<tr>
<td>Safety and Risk Management</td>
<td>Microeconomics</td>
</tr>
<tr>
<td></td>
<td>Public Administration</td>
</tr>
</tbody>
</table>

Yellow are approved
Blue are written and in 08-09 review process
EMS electives

EMS Educator
Public Information, Education and Relations
Management of Transport Services
Analytical Approaches to EMS
EMS Finance
EMS Special Operations
Communication and Information Systems
EMS Labor Relations
Disaster Planning and Control

Yellow are approved, blue are written and in 08-09 review process
Green may come from existing DDP, NHTSA or NAEMSE programs