



# EMERGENCY OPERATIONS TRAINING ACADEMY





# Vision



The Emergency Operations Training Academy will be recognized as the model technical training provider for DOE emergency operations personnel, while expanding its customer base to include other designated government and private-sector national and international organizations that require professional training, education, and vocational services.





# Mission Statement



The Emergency Operations Training Academy provides state-of-the-art training and education for the Department of Energy/National Nuclear Security Administration, to enhance the readiness of personnel in the emergency operations community.





# Roles



Provide training analysis, development, and delivery support to the Office of Emergency Operations (NA-40), act in an advisory role in training oriented initiatives, provide access to emergency management/response training throughout the DOE/NNSA complex, support outreach via collaboration and resource sharing with other federal organizations.





# ISO Registered Business System



ISO registration serves to verify that the EOTA approach to training development and organizational practices are based on stringent standards of quality.

Registration has been active for 5 years, with bi-annual external quality verification audits, to date the EOTA has never had a negative finding as a result of an external audit.





# Core Capabilities



- Full-spectrum Instructional Design Expertise
- Course Programming (Flash & HTML)
- Robust Data/Knowledge Management (Vision)
- Professional Graphics Design/Production
- Effective Management/Administrative Infrastructure
- Stand-alone IT Network/Dedicated Training Server
- Skilled Core Staff with Long/Short-term Augmentation as Required by variation to Scope of Work
- Comprehensive Operational Processes
- On-site Classrooms





# Standard activities



- Analysis
  - ADDIE model
  - Vision database application
- Course Development
  - Web-based
  - Instructor led
  - Exercises
- Course Delivery
  - Absorb Learning Management System
  - Mobile Training Teams





# Analysis activities



- RAP Job Task Analysis
  - Completed full task analysis on four primary positions in 2009, expanding JTA to include additional positions
- Emergency Public Information
  - JTA identified all requirements for EPI program
  - Led to development of standard EPI training curriculum
- DOE/NNSA Exercise Requirements
  - Outcome oriented analysis of all exercise requirements
  - Foundation for pending exercise curriculum
- DOE Order 151.1C
- Partner in Consequence Management JTA





# Course Development



- Process driven approach for effective training development
  - Design based on validated needs analysis
  - Objectives validated through SME/needs based
  - Content acquired from guidance and experienced experts
  - Direct HQ/SME coordination throughout development
  - Multiple quality reviews prior to launch to users
  - Ongoing user satisfaction assessment
  - Periodic reviews for currency of content/course relevance
- Curriculum orientation
  - EPI standard curriculum as a benchmark
  - Transition for all courses to a “learning track” approach





# Course Delivery



- Robust Learning Management System (LMS)
  - Absorb LMS designed to allow comprehensive course management
  - Organized in departments to allow hosting of partner courses
  - Allows easy delivery of web-based training in multiple formats
- Web-based Training
  - Deployed four new classes during FY11, Two during 1<sup>st</sup> qtr FY 12
  - Targeting release of four additional courses in 2<sup>nd</sup> qtr of FY12
- Instructor Led Training
  - Delivered Exercise Builder, ICS 300/400, RAPTER, and COOP Exercise objectives development during FY11
  - SEO Incident Command System and ICS 300 scheduled for Jan 2012





# Work for Others



- USAF Safety Center Risk Management
  - Development of a basic Risk Management web-based course to be used to train all active duty personnel
- Domestic Nuclear Detection Office (RND Mission)
  - Development of multiple equipment training courses
  - Development/delivery of RND Basic course for state-level training
  - Coordination of training curriculum and training resource management
  - Facilitation of RND Training Advisory Forum activities
  - Technical support for course/resource web-based platform





# Partnerships



- NNSA Albuquerque Complex (NNSA AC)
  - Hosting of training NNSA AC department on EOTA LMS
  - EOTA training server housed within NNSA AC network
- National Training Center
  - Vision database data/best practices exchanges
  - Absorb LMS user group/lessons learned exchanges
  - Course review assistance
- EMI-SIG
  - Basic Exercise Controller/Evaluator course rewrite
  - Hosting of select EMI-SIG courses on EOTA LMS in EMI-SIG unique/branded department (pending)





# Initiatives



- EOTA Network Certification and Accreditation
  - Verifies compliance with network cyber security best practices
  - Anticipated completion 3<sup>rd</sup> quarter FY 2012
- SharePoint site deployment
  - Development/management of DNDO site
  - Development/deployment of First Responder site
  - Enhance EOTA internal management and operations
- DOE/NNSA Standard Exercise Curriculum
- Training Oversight/Repository for DNDO RND Curriculum





# Challenges



- Contract Transition/Continuity of Operations
- Budget Constraints
- Expanding Inter-Agency Agreements
- Dynamic Scope of Work
- Evolving Role of Emergency Operations Worldwide
- DOE 151.1C rewrite
  - Impact on current training
  - Potential for new training requirements





# Questions





Thank You

