



NOTICE OF ACCREDITATION/NONDISCRIMINATION

Nova Southeastern University admits students of any age, race, color, sexual orientation, pregnancy status, religion or creed, nondisqualifying disability, and national or ethnic origin.

Nova Southeastern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia, 30033-4097; telephone number: 404-679-4501) to award associate's, bachelor's, master's, educational specialist, and doctoral degrees.

Partnered with NSU-COM on this grant are

*Broward Sheriff's Office
Fort Lauderdale, FL*

*Brady Environmental Compliance
Fort Myers, FL*

*Sigma Educational Services
Covington, LA*

*Pacific Atlantic Professional Academy
Cheriton, VA*

*Southeast Louisiana Area Health
Education Center
Hammond, LA*

*University of Missouri
Fire and Rescue Training Institute
Columbia, MO*

*This project is funded by the National Institute for
Environmental Health Sciences.
Grant #U45ES019350.*

Contact: Jason Cohen, M.S.L.

Project Administrator

Phone: (954) 262-1623

Fax: (954) 262-3806

Email: cohejaso@nova.edu

**[http://www.nova.edu/idep/grants/
project-seamist.html](http://www.nova.edu/idep/grants/project-seamist.html)**

Project SEAMIST

(Southeast Area

Maritime Industry Safety Training)

Nova Southeastern University

College of Osteopathic Medicine

Institute for Disaster and

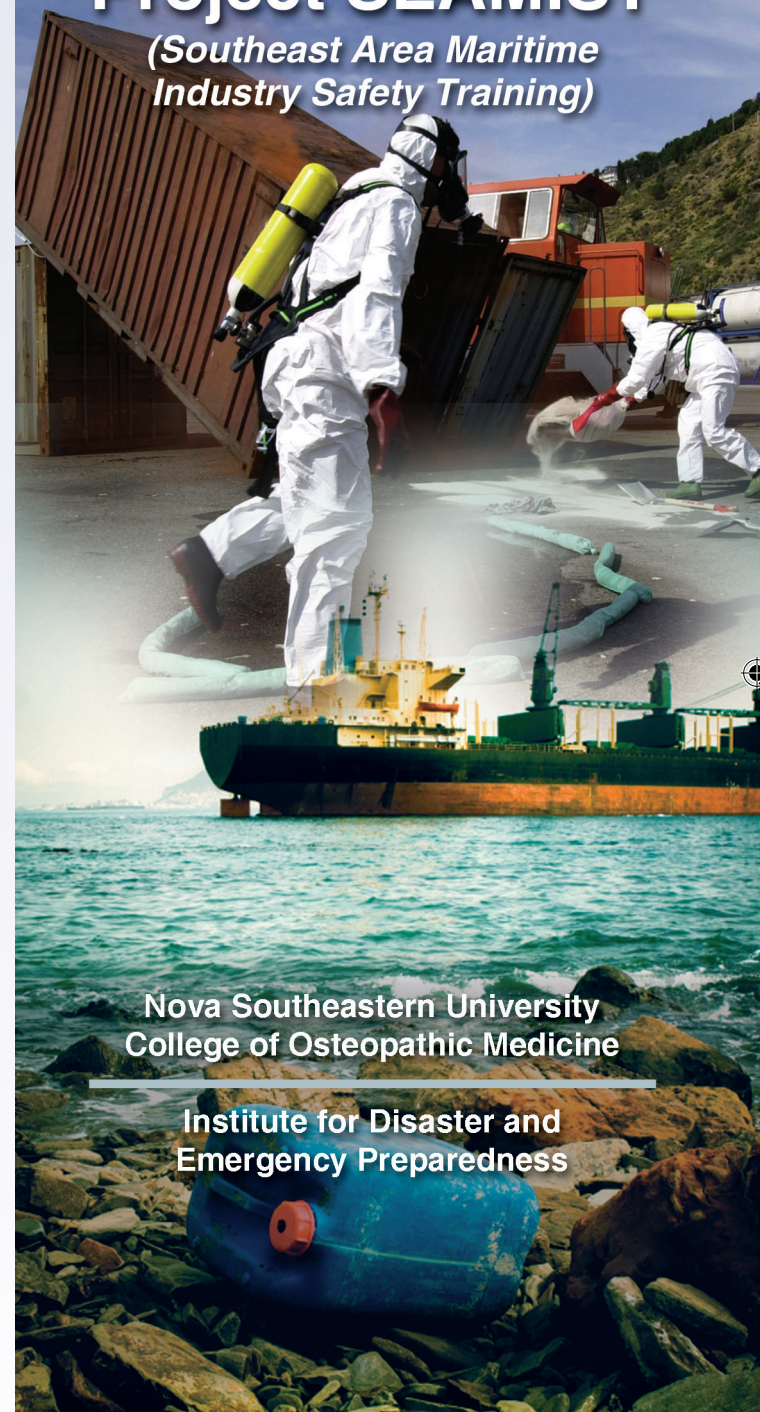
Emergency Preparedness

3434 South University Drive

Fort Lauderdale, FL 33328

Project SEAMIST

(Southeast Area Maritime
Industry Safety Training)



Nova Southeastern University
College of Osteopathic Medicine

Institute for Disaster and
Emergency Preparedness

PROJECT SEAMIST (SOUTHEAST AREA MARITIME INDUSTRY SAFETY TRAINING)

In 2010, Nova Southeastern University's College of Osteopathic Medicine (NSU-COM) received a Hazardous Waste Worker Training Program grant from the National Institute of Environmental Health Sciences (NIEHS) of the U.S. Department of Health and Human Services. Training provided through the grant addresses the gap in understanding and relationships between workers in the maritime industry (longshoremen, crane operators, port security, oil platform workers, etc.) and those who respond to incidents within this environment such as those in law enforcement. Funding from the grant allowed the development of a curriculum to bridge this training gap, providing the opportunity for these stakeholders to train side-by-side to increase familiarity with individual roles and environments in which they need to work together.

With over 2.1 billion tons of hazardous cargo entering the United States each year and 360 ports and harbors, every region of the country has supply lines to navigable water ways to transport these goods. This, along with a scarcity of training for this workforce suggests a compelling need to develop training related to hazardous cargoes and those responding to incidents involving these hazardous materials within the maritime environment.

PROJECT SEAMIST TRAINING

Through the Southeast Area Maritime Industry Safety Training program, participants throughout Florida, Louisiana, and Virginia receive training in the recognition and response to hazardous materials incidents, including weapons of mass destruction (WMD) and the possibility of a WMD event within a port or maritime environment. Training

is offered at three levels of engagement and response.

First responders, such as law enforcement and fire rescue, play an important role in responding to such incidents and are therefore critical stakeholders in events involving hazardous materials. A lack of specialized training, often coupled with limited knowledge of marine-specific environments, places responders at significantly higher risk. Similarly, individuals working within the maritime industry generally receive less training in the area of hazardous cargoes and the response to incidents involving hazardous materials.



AVAILABLE COURSES

The **Awareness** level course involves eight hours of classroom instruction, case studies, and interactive tabletop scenarios emphasizing the concept of being aware of the materials that are handled, transported, or loaded and unloaded, through mechanisms such as labels and markings, shipping documents, or information stations. In addition, this course stresses to the participants the idea of observe and report, with an emphasis on keeping themselves and others a safe distance from the hazardous material.

The **Operations** level course is designed to educate the trainees in the defensive aspects of handling hazardous materials spills and incidents through 24 hours of classroom instruction and hands-on activities. Defensive efforts are limited to activities that keep the responder a safe distance from the spilled materials through actions such as damming and diverting. The proper use of personal protective equipment (PPE), including the donning (putting on) and doffing (taking off) of PPE is practiced.

The **Technician** level course is a 40-hour course of instruction in the offensive techniques used to handle a hazardous materials incident. Through classroom instruction, tabletop scenarios, and hands-on activities, participants learn how to intervene and stop the leak or spill as well as prevent the spread of the hazardous material through active means. Participants in this course learn how to work and operate safely at a hazardous materials incident scene within the scope of personnel and equipment available.

