

## Working to Keep Your Team Safe

The new year may still be a couple of months away, but the Georgia Tech OSHA Institute Training Education Center already is prepared to do everything we can to provide superior safety and health training to you and your employees in 2012.

You asked, we responded! We've added courses and a new certificate to meet your and your staff's education needs. Also, our newsletter now is available in an easy-to-read PDF format.

Our professional education courses offer students a chance to learn receive the expert instruction that has made Georgia Tech one of the world's premier research universities and the nation's 7th ranked public university.

We piloted safety and health training, as one of the country's first OSHA Institute Training Education Centers, but over the years, we haven't relied on our past successes in educating professionals.

Our comprehensive lineup of OSHA, environmental safety, and Hazmat training, which make our program stand out among professionals and employers, is offered in 13 Southeast locations in 2011 and 2012. Cost-effective options for groups include learning at your office or online. And companies seek our ability to customize courses to meet workers' needs.

### In this issue:

- Learn about our nine new courses
- Discover how you can earn our newest certificate
- Celebrate the successes of two recent certificate holders and Spring/Summer certificate recipients
- Get details for maintaining your trainer status
- Find out how to give input to OSHA

## Certificates Advance Careers

Georgia Tech's eight safety and health certificates enable workers to take their careers and your organization's safety program to the next level.

Nearly 1,300 certificates have been rewarded, with students demonstrating proficiency and the ambition advance their careers.

We are proud of students who have earned our highest achievement – the Premier Certificate – and they have seen the benefits in promotions and increased respect from colleagues.



Dan Ortiz (left), program manager of Georgia Tech Occupational Safety and Health Program Office, awards the Occupational Safety and Health Premier Certificate to Anthony Nix and Chuck Easterling.

### The Student Experience

**Who:** Anthony Nix, Safety & Health Specialist, Alabama Power Co.

**Certificates:** Seven, most recently earning the Occupational Safety and Health Premier Certificate in 2011.

**Why Georgia Tech:** Nix began taking Georgia Tech safety and health courses in spring 2007, as he moved into a compliance specialist job with Alabama Power Co. "Basically what I do is teach the OSHA rules to our employees. I needed some information fast. Georgia Tech was pretty much the only one that offered really what I needed at the time."

**The expertise:** Nix built his knowledge base by learning from instructors with Georgia Tech's OSHA Training Institute Education Center who regularly consult with businesses in the field. The instructors could relate to him and other students. "I'll take the things that I've learned from Georgia Tech, including some new techniques they've talked about, to evaluate where we are in the process."

**The tech setting:** Georgia Tech instructors incorporated technology such as video and slideshows in the classroom. Taking classes on Georgia Tech's campus in Atlanta offered the ability to learn in an academic and professional setting, compared to a conference facility, he says.

**The benefit:** "I think it's going to be a big benefit in the future. It will allow me an opportunity as other jobs come up. I look forward to a promotion somewhere down the road."



**Who:** Chuck Easterling, Hydro Compliance Specialist, Southern Company Services

**Certificates:** Seven, most recently earning the Occupational Safety and Health Premier Certificate in summer 2011.

**Why Georgia Tech:** After Easterling was passed over for a position in Southern Company's safety and health department, he sketched out a developmental plan with a manager. A component was enrolling in Georgia Tech's safety and health training, and he started classes in 2008. "Because I put forth that extra effort, (my employer) allowed me to do that. They wanted to develop me for the future."

**The expertise:** "The instructors are the ones out there doing the work, developing safety programs for different businesses. They bring life experience, life lessons and visual aids into the class." The classroom environment encourages the swapping of ideas among peers, and even with state and federal employees.

**The learning curve:** "If you pay attention in those classes and you put forth the effort to learn, you can go back and make your workplace what it needs to be." The Georgia Tech training enabled him to walk through the 14 hydro-plants where he serves as compliance specialist with a new eye for possible improvements or issues that may have gone previously unnoticed.

**The benefit:** After earning his general industry and construction certificates, Easterling was promoted in 2009 into a corporate compliance specialist position, which has increased his salary by 10 to 12 percent. Earning the certificates – and passing board certification exams – has brought a respect among plant managers. "I feel like the certificate programs was the difference."

## New Certificate Debuts

The **Selected Topics Certificate in Occupational Health** is joining our lineup of highly regarded professional certificates from Georgia Tech that can take your career to the next level.

We're responding to your desire for a certificate focusing on occupational health and industrial hygiene topics. It also provides an opportunity for students to earn a certificate while taking both construction and general industry courses, instead of focusing on one or the other.

If you've never earned a certificate, the first-ever Selected Topics Certificate may be a great way to start by narrowing your focus into occupational health.

If you've already earned one (or more) Georgia Tech safety and health certificates, add this one to your arsenal, by demonstrating your proficiency in a specific area and as a testament to your professional development. This certificate is independent of the Advanced and Premier Certificates.



### How You Will Benefit

- Learn to use air sampling equipment to collect samples of air contaminants
- Understand how dosimeters are used to evaluate the noise exposures of employees
- Discover how to analyze collections of industrial hygiene data
- Find out how to manage industrial hygiene programs, such as respiratory protection, hearing conservation, and hazard communication
- Pinpoint ways to implement risk management strategies to lower workers' comp costs

### Required Core Courses

- OTI 521: Introduction to Industrial Hygiene
- OTI 2225: Respiratory Protection
- EST 7008: Introduction to Noise Evaluation and Control
- EST 7009: Air Sampling Fundamentals for the Workplace
- OTI 2250: Principles of Ergonomics
- EST 7012: Topics in Occupational Health Management

### Who Should Earn This Certificate?

- Safety directors
- Human resource directors
- Industrial hygiene technicians
- EHS managers
- Certified safety professionals
- HAZMAT supervisors
- Safety and health consultants

## Georgia Tech Offers Nine New Safety & Health Courses

Georgia Tech's OSHA Training Institute Education Center is continually improving by constantly pioneering course offerings. Our courses are constantly evolving to spotlight new safety and health techniques, provide insight about government guidelines, and share instructors' experiences as consultants in the private and public sector.

**You asked for more training, and we responded! Here is an overview of our new offerings for 2011-2012.**



### **OTI 7110 – Safe Bolting Principles and Practices**

**Nov. 15, 2011** (Atlanta, GA) | **May 14, 2012** (Atlanta, GA)

\$245

Familiarity with the safe operation and handling of high-powered bolting tools is essential to personal and workplace safety. Gain an awareness of safety issues to recognize when a bolting application presents dangers and attain the skills to stop and inform their supervisor. The course is a facilitated, interactive training session focusing on class discussion, group participation, and practical activities.



### **OTI 7115 – Lockout Tagout**

**March 6, 2012** (Atlanta, GA) | **July 17, 2012** (Atlanta, GA)

\$245

Learn about the role and responsibility of the employer to develop and implement an energy control program, or lock-out/tag-out (LOTO) for the protection of workers while performing servicing and maintenance activities on machines and equipment. Learn to detect hazardous conditions and implement control measures as they relate to the control of hazardous energy. Gain knowledge about the development and implementation of energy control programs, including written isolation procedures, training for authorized and affected employees, and periodic inspection of energy control procedures.



### **EST 7008: Introduction to Noise Evaluation and Control**

**Oct. 19, 2011** (Atlanta, GA) | **May 16, 2012** (Atlanta, GA)

\$245

Gain practical, hands-on instruction in the evaluation and control of occupational noise. Learn about the appropriate management strategies needed to conserve hearing in the workplace. This course is targeted towards safety and human resource managers, and allied personnel, who are responsible for the development and management of hearing conservation programs in both general industry and construction.



### **EST 7009: Air Sampling Fundamentals for the Workplace**

**Oct. 20, 2011** (Atlanta, GA) | **May 15, 2012** (Atlanta, GA)

\$245

Learn about and explore the available strategies for workplace air monitoring. Succinct, facilitated, and interactive training on this topic will allow participants to gain the knowledge they need to conduct an air monitoring survey of their workplace for a variety of reasons, including: compliance with OSHA, state, or insurance requirements; response to a complaint; evaluation of controls; and selection of appropriate personal protective equipment or respiratory protection.

## **EST 7010: Process Safety Management of Highly Hazardous & Explosive Chemicals**

**Jan. 23-27, 2012** (Atlanta, GA) | **May 7-11, 2012** (Atlanta, GA)

\$995

Many businesses do not have the knowledge base necessary to create and implement an effective Process Safety Management Program. The result has been many PSM accidents and catastrophes. Learn about PSM and its history, who is covered by such a program, the PSM team process, the elements of a properly designed PSM program and how to begin the process, and the basics of how PSM and the EPA's Risk Management Plans (RMP) work together.



## **EST 7011 – New Construction Crane Standards, Rigging and Signaling**

**Jan. 31-Feb. 2, 2012** (Atlanta, GA) | **May 15-17, 2012** (Atlanta, GA) | **Sept. 25-27, 2012** (Atlanta, GA)

\$585

Get an in-depth overview of the new construction crane standard, including qualified rigger and qualified signal person requirements.

- Understand the new regulations and how they apply to your operations
- Improve your ability to manage crane operations on your projects
- Better recognize crane operation hazards
- Gain the knowledge to train supervisors and employees as basic level 1 riggers and qualified signal persons.



## **EST 7012 – Topics in Occupational Health Management**

**Sept. 18-20, 2012** (Atlanta, GA)

\$625

Explore various occupational health topics not typically covered in a traditional industrial hygiene class. Participants will hear from industry experts on complex issues such as implementing effective employee health management programs, worksite wellness programs, communicable disease control in the workplace, and risk management (with a focus on workers compensation and labor relations). Promotion strategies outlining the business case for workplace environmental, health & safety (EHS) will be emphasized.



## **EST 7013 – Power Transmission and Distribution**

**Dec. 5, 2011** (Atlanta, GA) | **May 14, 2012** (Atlanta, GA)

\$245

Get a one-day overview of the standard for power distribution and transmission. Discuss the safety hazards involved with the operation and maintenance of electric power generation, transmission equipment, distribution lines, and equipment.



## **EST 7120 –Introduction to Combustible Dust Hazards**

**Oct. 12-13, 2011** (Atlanta, GA) | **March 13-14, 2012** (Atlanta, GA) | **June 21-22, 2012** (Jacksonville, FL)

\$385

Recognize the hazards and risks associated with combustible dust, as well as develop the controls and strategies that can help attendees prevent or mitigate combustible dust fires and explosions. Learn about combustible dust explosions as a national problem, recognized control and mitigation methods, and control of electrical installation hazards for combustible dust areas.

Gain information on OSHA's National Emphasis Program (NEP) for combustible dust inspections as well as consensus standards that apply to industries that generate combustible dust. Participate in workshops that focus on identifying combustible dust hazards, recognizing equipment-related hazards, categorizing hazardous locations, and understanding how to develop worksite dust control, implementing housekeeping measures, and integrating those measures into a functional safety program.

## Certificate Recipients

Congratulations to the following Occupational Safety and Health certificate recipients from April 2011 to September 2011.

### Premier Occupational Safety & Health

Joe Easterling  
Robert H. Miles

Anthony Nix  
Samuel Sims

### Advanced Construction Safety & Health

Joe Easterling  
Robert H. Miles  
Anthony Nix

Samuel Sims  
William Thomson

### Advanced Industrial Safety & Health

Joe Easterling  
Mark Mefferd  
Robert H. Miles  
Wendy Nash

Anthony Nix  
Kenneth Pinkerton  
Samuel Sims

### Construction Safety & Health

Carlos Alvarado  
Timothy Ard  
Raul Batista  
Erick Carrera  
Jared Chaffin  
Joseph Drawdy  
Carlos Gavidia

Bobby Graham  
Quinn Hutchinson  
Kevin Jeske  
Susannah Martin  
Nancy Mull  
Samuel Sims  
David Weingarten

### Hazardous Materials Management

Joe Easterling  
Steve Hampton  
Mark Mefferd  
Wendy Nash

Anthony Nix  
Kenneth Pinkerton  
Samuel Sims  
William Thomson

### Industrial Safety & Health

Michael Bolton  
Joshua Caldwell  
Otis Casey  
Jason Farris  
Frank Garza  
Donnie Glover  
Bobby Graham  
Steve Hampton

William Keith  
Keefe Lane  
Marjorie Lewis  
Julio Martinez  
Thomas Ross  
Woo Young Ryu  
Edward Smiley  
Gilbert Teel

Harold Holloman  
Tonnie Hopson  
Kevin Jeske  
Jill Johnson  
Mickey Johnson

Maria Vasquez  
Johnathan Ward  
Trennessa Wilson  
John Wood

### **Safety & Health Management**

Anders Berg  
Janet Clark  
Ronald Crites  
Kristi Fortner  
Randy Paul Goldsmith  
Victor Hernandez  
Doyle Jarrad  
William Keith  
Brian McKee

Krista Massell  
Howard Matherly  
Robert H. Miles  
Dedric Parham  
David Perry  
LaRahn Phillips  
Richard Turner  
Victor Young

## Outreach Trainer Update

Authorized trainers must take these update course every four years to maintain their trainer status. There is a 90-day grace period, from the expiration date on your trainer card, to take the update course.

Before registering for an update course, a trainer must send a copy of their trainer card to [outreachtrainerverification@gtri.gatech.edu](mailto:outreachtrainerverification@gtri.gatech.edu)

2012 course dates include:

OTI 502: Update for Construction Industry Outreach Trainers | Atlanta | \$580

- Jan. 10-12, 2012
- Feb. 28-March 1, 2012
- April 10-12, 2012
- June 19-21, 2012
- Aug. 14-16, 2012

OTI 503: Update for General Industry Outreach Trainers | Atlanta | \$580

- Jan. 10-12, 2012
- Feb. 28-March 1, 2012
- April 10-12, 2012
- June 26-28, 2012



## OSHA Seeks Comments on Training Education Centers

The Occupational Safety and Health Administration is soliciting stakeholder input through Oct. 31 on how to enhance its OSHA Training Institute (OTI) Education Centers Program, which has trained more than 300,000 students since 1992.

Input may include these topics: adding training sites, instituting a nationwide certificate and degree program, adding courses, or other services. To provide input, visit

[www.osha.gov/dte/edcenters/submission\\_form.html](http://www.osha.gov/dte/edcenters/submission_form.html)

FEEDBACK



Assistant Secretary of Labor for Occupational Safety and Health David Michaels says OSHA seeks input that will help enhance workplace safety and health training.

Georgia Tech is one of 25 OTI Education Centers, which are non-profit organizations authorized by OSHA to deliver occupational safety and health training.

The OTI Education Centers offer courses and seminars on a variety of safety and health topics, and assist the agency in administering the OSHA Outreach Training Program.

A national network of more than 17,000 independent trainers who teach workers and employers about OSHA, workers' rights and how to identify, avoid and prevent workplace hazards.

Georgia Tech, like other OTI Education Centers, offers 10- and 30-hour outreach classes for construction, general industry and maritime and 15-hour classes for disaster site workers.