Companies have relied on Georgia Tech to keep them accident-free and healthy for more than 30 years.
Expanding to Meet Your Training Needs

Georgia Tech Professional Education’s occupational safety and health program is growing for you, whether you’re in the public or private sector, working in general industry, the construction industry, for the military, or in numerous other industries.

We have our pulse on your evolving safety and health training needs, and we are continually intensifying our efforts to educate more professionals and cover more subject matter through our courses.

Our instructors, who work for Georgia Tech’s applied research arm - Georgia Tech Research Institute - and are top industry professionals, work alongside companies and the government. We’ve helped keep companies and workers safe for more than 30 years. We’re changing with you to help you continue to save money, reduce accidents, lower worker’s compensation premiums, and earn promotions and salary increases.

Georgia Tech continues to set the standard for quality training. Some of our program highlights include:

- Renewed as a nationally recognized and approved OSHA Training Institute Education Center by the U.S. Department of Labor (Georgia Tech was one of the four original centers in the U.S.).

- Partnered to offer training at Robins Air Force Base in Georgia, resulting in 18 certificates awarded (see page 13).

- Congratulated our first specialty certificate recipient, Nick Nixon of Linde Engineering. He earned the Selected Topics Certificate in Occupational Health, one of our eight safety and health professional certificates (see pages 14-15).

- Awarded 137 professional certificates in 2012-2013.

- Trained 3,053 people in 2012-2013.

Whether you’re renewing your trainer card or working with us to customize a course for your employees, work with Georgia Tech and discover the value of our professional education.

Daniel J. Ortiz, MPH, CSP
Manager, Occupational Safety and Health Program Office
Associate Chief, Human Systems Integration Division

Myrtle I. Turner, PhD, MPH, CET
Director, Georgia Tech OSHA Training Institute
Education Center

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
The Georgia Tech Advantage: Multiple Ways to Learn

Georgia Tech is a national and international leader in scientific and technological research and education. When you train with Georgia Tech, you are learning from a world-renown research institution and the 7th-ranked public university in the country. Our training is highly regarded by employers and industries as well.

Georgia Tech is expanding its delivery of professional education safety and health courses, offering new locations, online courses, and on-site training at your office or workplace taught by Georgia Tech researchers and top industry experts with real-world insight and extensive OSHA knowledge.

Choose the most cost-effective route for you or your employees, since you can learn anytime and anywhere. We also can customize training for your staff. No matter the delivery method, course attendees can earn Continuing Education Units (CEUs) and apply the classes to our professional certificates.

» Attend Courses at Multiple Locations
   Our 13 sites in the Southeast offer flexibility and convenient access to our knowledgeable instruction (see page 44).

» Train at Your Location
   Be budget minded and keep employees close to home. For 15 or more students, it is more cost effective for Georgia Tech to come to you. Our customized courses can meet your staff’s specific needs.

» Learn Online
   Gain access to our training on your own schedule, at work, home, or on the road.

» Stream Courses to Your Facility
   Take advantage of Georgia Tech’s ability to deliver courses via real-time videoconferencing or on-demand online video.

On Our Cover

Rocky Smith
Safety manager, Escoe Industrial Contractors

“I’m applying the training to my daily role as a safety manager. The instructors serve in the real world as safety professionals, so I could relate to them. By the information I received, I feel that I can understand how to relay the safety messages to educate my employees.”

Brayan Loya
HSE supervisor, Fluor Enterprises

“Georgia Tech brought me up to speed with some of the new OSHA regulations. The instructor explained the regulations in a way that’s easy to understand, and the crowd in the course brought a lot of experience and knowledge to the table. I gained a lot of knowledge. I have told my company I am interested in taking more courses and earning a certificate.”

Karina Esquivel
Safety coordinator, All-Safe Industrial Services

“I loved the programs and training at Georgia Tech. I love how they effectively communicate and use visual information such as videos and props. I had more confidence in relaying the same message at the workplace. It doesn’t just end once you finish a course. You can go back to Georgia Tech with any questions and they can help you along the way and give you resources.”
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OSHA Training Institute (OTI) Courses

OTI 510: Occupational Safety and Health Standards for Construction Industry | $795
- Oct. 21-25, 2013 (Jackson, MS) June 16-20, 2014 (Chattanooga, TN)
- Nov. 11-15, 2013 (Mobile, AL) July 14-18, 2014 (Atlanta)
- Dec. 2-6, 2013 (Atlanta) July 21-25, 2014 (Destin, FL)
- Jan. 13-17, 2014 (Savannah, GA) Aug. 11-15, 2014 (Atlanta)
- Feb. 3-7, 2014 (Atlanta) Sept. 15-19, 2014 (Savannah, GA)
- Mar. 3-7, 2014 (Louisville, KY) Oct. 13-17, 2014 (Biloxi, MS)
- Apr. 7-11, 2014 (Atlanta) Nov. 11-14, 2014 (Charlotte, NC)
- May 19-23, 2014 (Myrtle Beach, SC) Dec. 1-5, 2014 (Atlanta)
- June 9-13, 2014 (Greenville, SC) Dec. 8-12, 2014 (Mobile, AL)

OTI 500: Trainer Course in Occupational Safety and Health Standards for Construction Industry | $795
- Feb. 3-7, 2014 (Atlanta) Sept. 15-19, 2014 (Savannah, GA)
- June 16-20, 2014 (Greenville, SC) Dec. 8-12, 2014 (Atlanta)

OTI 502: Update for Construction Industry Outreach Trainers | $580
- Oct. 8-10, 2013 (Atlanta) June 3-5, 2014 (Atlanta)
- Jan. 28-30, 2014 (Atlanta) July 15-17, 2014 (Savannah, GA)

OTI 511: Occupational Safety and Health Standards for General Industry | $795
- Sept. 23-27, 2013 (Birmingham, AL) June 16-20, 2014 (Chattanooga, TN)
- Oct. 21-25, 2013 (Jackson, MS) July 14-18, 2014 (Atlanta)
- Nov. 11-15, 2013 (Mobile, AL) July 21-25, 2014 (Destin, FL)
- Dec. 2-6, 2013 (Atlanta) Aug. 11-15, 2014 (Atlanta)
- Jan. 21-24, 2014 (Savannah, GA) Sept. 15-18, 2014 (Savannah, GA)
- Feb. 3-6, 2014 (Atlanta) Oct. 13-17, 2014 (Biloxi, MS)
- Mar. 3-7, 2014 (Louisville, KY) Nov. 11-14, 2014 (Charlotte, NC)
- Apr. 7-11, 2014 (Atlanta) Dec. 1-5, 2014 (Atlanta)
- May 19-23, 2014 (Myrtle Beach, SC) Dec. 8-12, 2014 (Mobile, AL)

OTI 501: Trainer Course in Occupational Safety and Health Standards for General Industry | $795
- Oct. 28-Nov. 1, 2013 (Atlanta) June 3-5, 2014 (Atlanta)
- Dec. 9-13, 2013 (Atlanta) July 15-17, 2014 (Savannah, GA)

OTI 503: Update for General Industry Outreach Trainers | $580
- Oct. 8-10, 2013 (Atlanta) June 3-5, 2014 (Atlanta)
- Jan. 28-30, 2014 (Atlanta) July 15-17, 2014 (Savannah, GA)

OTI 521: OSHA Guide to Industrial Hygiene | $795
- Nov. 4-8, 2013 (Atlanta) July 28-Aug. 1, 2014 (Atlanta)
- Mar. 10-14, 2014 (Atlanta) Nov. 3-7, 2014 (Atlanta)

OTI 2015: Hazardous Materials | $795
- Aug. 18-22, 2014 (Atlanta)

OTI 2045: Machinery and Machine Guarding Standards | $795
- May 5-9, 2014 (Atlanta) Dec. 1-5, 2014 (Atlanta)

OTI 2225: Respiratory Protection | $715
- Apr. 8-11, 2014 (Atlanta)

OTI 2255: Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders | $795

OTI 2264: Permit-Required Confined Space Entry | $795

OTI 3015: Excavation, Trenching and Soil Mechanics | $690
- Apr. 1-4, 2014 (Atlanta)

OTI 3095: Electrical Standards | $795
- Sept. 24-27, 2013 (Atlanta) Sept. 9-12, 2014 (Atlanta)
- Apr. 22-25, 2014 (Savannah, GA)

OTI 3115: Fall Protection | $715
- Sept. 17-20, 2013 (Atlanta) Sept. 23-26, 2014 (Atlanta)
- Mar. 11-14, 2014 (Atlanta)

OTI 6000: Collateral Duty Course for Other Federal Agencies | $400
- Apr. 14-17, 2014 (Atlanta)

OTI 7000: OSHA Training Guidelines for Safe Patient Handling | $245
- Mar. 24, 2014 (Atlanta)

OTI 7115: Lockout Tagout | $245
- Nov. 12, 2013 (Atlanta) Nov. 13, 2014 (Atlanta)
- Mar. 13, 2014 (Atlanta)

OTI 7500: Introduction to Accident Investigation | $245
- Sept. 20, 2013 (Atlanta) June 16, 2014 (Atlanta)
- Mar. 7, 2014 (Atlanta) July 18, 2014 (Savannah, GA)

OTI 7505: Introduction to Accident Investigation | $245
- Mar. 3, 2014 (Atlanta)

OTI 7845: OSHA Recordkeeping Rule Course | $145
- Nov. 1, 2013 (Atlanta) Aug. 15, 2014 (Atlanta)
- Feb. 7, 2014 (Atlanta) Sept. 19, 2014 (Savannah, GA)
- Apr. 11, 2014 (Atlanta)
## Related Occupational Safety & Health Courses

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<th>Course Code</th>
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<th>Cost</th>
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<tr>
<td>DEF 4504</td>
<td>Human Systems Integration</td>
<td>$1,595</td>
<td>Aug. 5-7, 2014 (Atlanta)</td>
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<tr>
<td>EST 7006</td>
<td>Certified Hazardous Materials Management (CHMM) Review Course</td>
<td>$750</td>
<td>Nov. 4-7, 2013 (Atlanta) Nov. 3-6, 2014 (Atlanta)</td>
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<td>EST 7013</td>
<td>Power Transmission and Distribution</td>
<td>$245</td>
<td>May 6, 2014 (Atlanta)</td>
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<td>EST 7016</td>
<td>OSHA Voluntary Protection Programs (VPP): Protect Employees Beyond OSHA Standards and Attain VPP</td>
<td>$650</td>
<td>Sept. 23-26, 2014 (Atlanta)</td>
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<tr>
<td>EST 7122</td>
<td>Introduction to Safety and Health Program Management (Online)</td>
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<td>Jan. 6-23, 2014 (Online) June 24-July 11, 2014 (Online) Mar. 25-Apr. 11, 2014 (Online) Oct. 7-24, 2014 (Online)</td>
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<td>EST 7124</td>
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<td>Feb. 11-13, 2014 (Atlanta) Nov. 4-6, 2014 (Atlanta)</td>
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<td>EST 7125</td>
<td>Legal Aspects of Construction, Engineering and Safety</td>
<td>$295</td>
<td>Jan. 21, 2014 (Atlanta) Sept. 9, 2014 (Atlanta)</td>
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## Hazmat Courses

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<tr>
<td>HAZ 1000</td>
<td>24-Hour Hazmat Technician-Level Emergency Response Course: Industrial Chemical Spill and Disaster Response</td>
<td>$610</td>
<td>Dec. 10-12, 2013 (Smyrna, GA) Dec. 9-11, 2014 (Smyrna, GA) June 10-12, 2014 (Smyrna, GA)</td>
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<td>HAZ 1006</td>
<td>Advanced Hazmat School</td>
<td>$940</td>
<td>July 14-18, 2014 (Smyrna, GA)</td>
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</table>

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
Georgia Tech’s OSHA Training Institute Education Center - one of the four original centers in the U.S. - is preparing professionals to fulfill career dreams. Professionals who take classes from Georgia Tech’s OTI Education Center, established in 1992, can earn Georgia Tech Professional Education safety and health certificates, which have become a well-regarded credential among employers. Professionals report earning promotions, landing jobs and receiving salary increases after adding a Georgia Tech safety and health certificate to their resumes.

JT Stephens, who earned the highest achievement in our safety and health program - the Premier Certificate - credits the training from Georgia Tech’s OTI Education Center for making him more marketable as a professional.

Stephens has taken safety and health courses from Georgia Tech for nearly 20 years and trained thousands of safety professionals in the U.S. and abroad, as a business owner. Stephens, who earned the Premier Certificate in 2009, also has worked with a government agency.

“They saw how much training I have received from a top research institution,” he says.

As the owner of a consulting business, Stephens brings his safety and health expertise to clients around the country. He says he is able to pass along the relevant, up-to-date information he gains through Georgia Tech’s classes along to his clients, helping them save money and reduce accidents.

Stephens continues to invest in training from Georgia Tech. This fall, Stephens will complete his final course for the new Selected Topics Certificate in Occupational Health, achieving a significant accomplishment of earning all eight of Georgia Tech’s Professional Education safety and health certificates.

“I have a love for what I do and a passion,” Stephens says. “These classes I took to earn the certificate have prepared me for each and every day, where I can train people in the classroom or on job sites.”

During one hiring process for a contract job, Stephens recalls that company officials were impressed by the courses he had taken through Georgia Tech’s OTI Education Center.
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<td>OTI 510: Occupational Safety and Health Standards for Construction Industry</td>
<td>16</td>
<td>$795</td>
<td>21-25 Jackson, MS</td>
<td>11-15 Mobile, AL</td>
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<td>16</td>
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<tr>
<td>OTI 502: Update for Construction Industry Outreach Trainers</td>
<td>17</td>
<td>$580</td>
<td>8-10 Atlanta</td>
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<td>OTI 511: Occupational Safety and Health Standards for General Industry</td>
<td>18</td>
<td>$795</td>
<td>23-27 Birmingham, AL</td>
<td>21-25 Jackson, MS</td>
<td>11-15 Mobile, AL</td>
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<td>OTI 501: Trainer Course in Occupational Safety and Health Standards for General Industry</td>
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<td>OTI 503: Update for General Industry Outreach Trainers</td>
<td>19</td>
<td>$580</td>
<td>8-10 Atlanta</td>
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<td>OTI 521: OSHA Guide to Industrial Hygiene</td>
<td>20</td>
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<td>22</td>
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<td>17-20 Atlanta</td>
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<td>24</td>
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<td>25</td>
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<td>25</td>
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<td>OTI 7500: Introduction to Safety and Health Program Management</td>
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<td>$245</td>
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<td>26</td>
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<td>27</td>
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<td>Dec. 2013</td>
<td>Working to keep your team safe</td>
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<td>Feb. 2014</td>
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<td>Apr. 2014</td>
<td>OTI 511: Occupational Safety and Health Standards for General Industry</td>
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<td>May 2014</td>
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<td>OTI 503: Update for General Industry Outreach Trainers</td>
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<td>OTI 521: OSHA Guide to Industrial Hygiene</td>
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<td>OTI 2045: Machinery and Machine Guarding Standards</td>
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<td>Oct. 2014</td>
<td>OTI 2225: Respiratory Protection</td>
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<td>Dec. 2014</td>
<td>OTI 2264: Permit-Required Confined Space Entry</td>
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<td>OTI 7505: Introduction to Accident Investigation</td>
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<td>DEF 4504: Human Systems Integration</td>
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<td>Legend</td>
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</tbody>
</table>
## 2013-2014 Occupational Safety and Health Course Calendar

Course prerequisites are subject to change. Visit osha.gov for the latest information.

<table>
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<tr>
<td>EST 6000: Managing Environmental Compliance</td>
<td>27</td>
<td>$645</td>
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<td>EST 7001: Advanced Safety Management: Principles &amp; Programs</td>
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<td>30</td>
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<td>24-26</td>
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<td>EST 7012: Topics in Occupational Health Management</td>
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<td>17-19</td>
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<td>EST 7013: Power Transmission and Distribution</td>
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<td>EST 7016: OSHA Voluntary Protection Programs (VPP): Protect Employees Beyond OSHA Standards and Attain VPP</td>
<td>34</td>
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<td>EST 7019: Globally Harmonized Hazard Communication Standard (GHS)</td>
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<td>HAZ 1006: Advanced Hazmat School</td>
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<td>$940</td>
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For more information or to register, visit [pe.gatech.edu/safety](http://pe.gatech.edu/safety) or call 404-385-3501.
### Working to keep your team safe

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Date</th>
<th>Price</th>
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<td>Managing Environmental Compliance</td>
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<td>$645</td>
<td>Atlanta</td>
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<td>EST 7000</td>
<td>Scaffolding Safety</td>
<td>11-15 Aug.</td>
<td>$245</td>
<td>Atlanta</td>
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<tr>
<td>EST 7001</td>
<td>Advanced Safety Management: Principles &amp; Programs</td>
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<td>NFPA 70E: Standard for Electrical Safety</td>
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<tr>
<td>EST 7007</td>
<td>Construction Health and Safety Technician Exam</td>
<td>19-20 Aug.</td>
<td>$149</td>
<td>Atlanta</td>
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<tr>
<td>EST 7008</td>
<td>Introduction to Noise Evaluation and Control</td>
<td>15 Aug.</td>
<td>$245</td>
<td>Atlanta</td>
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<td>EST 7009</td>
<td>Air Sampling Fundamentals for the Workplace</td>
<td>7-10 Aug.</td>
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<td>Atlanta</td>
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<td>Lean and Safe: Safety-Integrated Process Improvement</td>
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<td>Globally Harmonized Hazard Communication Standard</td>
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<td>Introduction to Safety and Health Program Management (Online)</td>
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<td>EST 7123</td>
<td>Introduction to Accident Investigation (Online)</td>
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<td>$245</td>
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<td>EST 7124</td>
<td>Human Performance: Understanding Human Error</td>
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<td>EST 7006</td>
<td>Certified Hazardous Materials Management Review Course</td>
<td>4-7 Aug.</td>
<td>$750</td>
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### Legend
- **Atlanta**
- **Smyrna, GA**
- **Savannah, GA**
- **Jackson, MS**
- **Louisville, KY**
- **Charlotte, NC**
- **Myrtle Beach, SC**
- **Birmingham, AL**
- **Mobile, AL**
- **Biloxi, MS**
- **Chattanooga, TN**
- **Greenville, SC**
- **Destin, FL**

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**Note:** The table represents a schedule of safety courses and seminars with dates and locations provided. The courses vary in topics such as environmental compliance, scaffolding safety, advanced safety management, and more. The prices range from $245 to $995, and locations include Atlanta, Savannah, GA, and other cities. The dates span from March 2014 to December 2014, with some courses offered online.
Instructors

For more than 30 years, Georgia Tech Professional Education’s expert instructors have helped keep companies accident-free and workers safe and healthy. Researchers and scientists with Georgia Tech Research Institute, the university’s applied research arm, also work as consultants for companies and the government.

Acquire in-depth expertise by learning from Georgia Tech faculty members, researchers, scientists and top industry professionals. The majority of our instructors hold advanced degrees and certifications. For bios, visit pe.gatech.edu/safety-instructors.

Kristen Butler, CIH, MPH
Steve Davis
Thomas Dean, CSP, MSM
Michelle Dunham, MSPH, MSM
Dennis Folds, PhD
Pamela Fisher, CSHM, CHST
Bob Hendry
Jenny Houlroyd, MSPH
Jim Howry, CUSA, MSM
Pete Kriengsiri
Mike McCarroll, CSP
Dan Ortiz, MPH, CSP
Phil Prichard
Paul Schlumper, PE, CSP
Hilarie Schubert-Warren, MPH
Myrtle I. Turner, PhD, CET, MPH
Paige Rohrig, CSP
Art Wickman, CIH

Instructors not pictured:
Vicki Hanrahan Ainslie
Bryan Black, PhD
Philip Greisen, CHST
Charlotte Grove, CET, GIT
Kevin Kamperman, MSPH
Mike O’Dell
Steve Owen, CET
Bill Warner, CSP

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
Success Story

Georgia Tech Professional Education is working with employers to bring our courses to worksites, training multiple employees at a time and customizing course content. One of the biggest accomplishments to date in our program was in 2013, when 18 employees at Robins Air Force Base in Warner Robins, Ga., received occupational safety and health certificates (17 employees were awarded an Industrial Safety and Health Certificate, and one individual received a Construction Safety and Health Certificate).

Why Georgia Tech:
Georgia Tech Professional Education partnered with Georgia Tech Research Institute to offer the training at Robins Air Force Base. Safety is a priority at the installation, which has more than 20,000 civilian and military personnel. Instructors worked with senior leadership from the 78th Air Base wing and from the Warner Robins Air Logistics Complex (WR-ALC).

“We are proud to offer our depth of experience and knowledge of OSHA regulations in this partnership with Robins Air Force Base. By learning on-site, the employees have received certificates from a major engineering school recognized nationally and internationally,” said Daniel J. Ortiz, MPH, CSP, manager of GTRI’s Occupational Safety and Health Program Office.

The Benefit:
The training program saved the base $237,000 in travel and other costs and resulted in new safety programs implemented across the facility, according to David Decker with the 78th Air Base Wing Safety Office at Robins Air Force Base. The 78th Air Base Wing, OSHA and the American Federation of Government Employees Local 987 were essential to Georgia Tech Professional Education’s ability to provide the training.

“We were able to use examples based on our experience at Robins Air Force Base,” said James B. Howry, senior research associate at GTRI’s Electronic Systems Laboratory. “We integrated our subject matter expertise as we understood their challenges.”

Savings to the taxpayer were “tremendous” said Roger Hayes, chief of WR-ALC Safety, who leads a team of 30 safety professionals overseeing more than 16,000 workers. He estimates the cost for one course was nearly $4,000 for 20 employees, instead of paying $1,500 per employee to attend a course off base.

“This is a critical partnership,” said Brig. Gen. Cedric George, commander of the Warner Robins Air Logistics Complex. “I know it wasn’t easy. Georgia Tech doesn’t do easy.”

The Recipients Say:
“It’s been awesome,” said Lt. Col. Nate Tart, of the 78th Air Base Wing. “With such a diverse group of people in the course, it helped make it a better experience. Some of us have a flight safety background, and it was good to hear the industrial safety perspective.”

“When I’m out in the workforce, I can offer insight and help resolve safety concerns or put out safety issues that will potentially keep people from getting hurt,” said Robert Tidwell, 402nd Commodities Maintenance Group aircraft sheet metal mechanic and an American Federation of Government Employees Local 987 safety representative. “Our ultimate goal is safety for our workforce.”
Safety and Health Certificates: An Important Credential

Georgia Tech Professional Education delivers knowledge and skills for every stage of your career — and your life. You will increase your impact within the workforce and the world with our professional certificates.

Our safety and health certificates are among Georgia Tech Professional Education’s numerous certificates in an array of subject areas.

Requirements

- All courses applied to a certificate program must be taken from Georgia Tech
- Core courses taken for one certificate may not be used as an elective for another certificate
- Only one free seminar (see page 42) can be used as an elective course
- Certificate prices vary based on courses taken
- Certificates must be completed within 6 years

Construction Safety and Health Certificate

Required Courses

- OTI 510: Occupational Safety and Health Standards for Construction Industry
- OTI 500: Trainer Course in Occupational Safety and Health Standards for Construction Industry
- OTI 502: Update for Construction Industry Outreach Trainers
- OTI 521: OSHA Guide to Industrial Hygiene
- EST 7000: Scaffolding Safety
- OTI 3015: Excavation, Trenching and Soil Mechanics
- OTI 3115: Fall Protection
- One elective course*

Industrial Safety and Health Certificate

Required Courses

- OTI 511: Occupational Safety and Health Standards for General Industry
- OTI 501: Trainer Course in Occupational Safety and Health Standards for General Industry
- OTI 503: Update for General Industry Outreach Trainers
- OTI 6000: Collateral Duty for Other Federal Agencies
- OTI 521: OSHA Guide to Industrial Hygiene
- OTI 2045: Machinery and Machine Guarding Standards
- Three elective courses*

Hazardous Materials Management Certificate

Required Courses

- HAZ 1000: 24-Hour Hazmat Technician-Level Emergency Response Course
- HAZ 1002: 8-Hour Annual HAZWOPER Refresher
- HAZ 1004: HAZWOPER Site Operations
- OTI 2015: Hazardous Materials
- HAZ 1006: Advanced Hazmat School
- OTI 521: OSHA Guide to Industrial Hygiene
- OTI 2225: Respiratory Protection
- One elective course*

Safety and Health Management Certificate

Required Courses

- OTI 7500: Introduction to Safety and Health Program Management
- EST 7122: Introduction to Safety and Health Program Management (Online)
- EST 7001: Advanced Safety Management: Principles & Programs
- EST 7003: Instructional Techniques for Occupational Safety, Health and Environmental Professionals
- OTI 2255: Principles of Ergonomics
- OTI 7505: Introduction to Accident Investigation
- EST 7123: Introduction to Accident Investigation (Online)
- One elective course*

*Take any OTI, EST or HAZ course not listed as a requirement.

Selected Topics in Occupational Health Certificate

Required Courses

- OTI 521: OSHA Guide to Industrial Hygiene
- OTI 2225: Respiratory Protection
- EST 7008: Introduction to Noise Evaluation and Control
- EST 7009: Air Sampling Fundamentals for the Workplace
- OTI 2255: Principles of Ergonomics
- EST 7012: Topics in Occupational Health Management
- EST 7013: Introduction to Safety and Health Program Management

This certificate is independent of the Advanced and Premier Certificates.

“The Georgia Tech classes have helped me build my knowledge base and improved my ability to do my job. The experience that I gained is helping me move forward in the company.”

Nick Nixon
Linde Engineering
Selected Topics in Occupational Health Certificate recipient

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
Take the Next Step: Advanced and Premier Certificates

Build on your knowledge and accomplishments by earning one of our two Advanced Certificates. Then earn the highest achievement in safety and health program – the Premier Certificate.

Premier Occupational Safety and Health Certificate
• Completed Certificate in Advanced Construction Safety and Health
• Completed Certificate in Advanced Industrial Safety and Health

Advanced Construction Safety and Health Certificate
• Completed Certificate in Construction Safety and Health
• Completed Certificate in Safety and Health Program Management
• Completed Certificate in Hazardous Materials Management
• EST 6000: Managing Environmental Compliance

Advanced Industrial Safety and Health Certificate
• Completed Certificate in Industrial Safety and Health
• Completed Certificate in Safety and Health Program Management
• Completed Certificate in Hazardous Materials Management
• EST 6000: Managing Environmental Compliance

* Take any one OTI, EST, or HAZ course not previously used as a core OR elective course

Seven Ways You Will Benefit
1. Advance your career by demonstrating proficiency and ambition
2. Save your company money by helping it comply with OSHA regulations
3. Reduce injuries and health problems among your team
4. Stay up-to-date on changing regulations, guidance documents and regulatory interpretations
5. Demonstrate competency when dealing with regulatory agencies
6. Learn how to teach safety skills to your team
7. Network with other safety and health professionals

Recent Safety and Health Certificate Recipients

Working to keep your team safe
OTI 510: Occupational Safety and Health Standards for Construction Industry
pe.gatech.edu/oti510 | $795 | 29 CFR 1926 $35

Use OSHA policies, procedures, standards, and safety and health principles as a guide for the construction industry. Each section of the OSHA construction standards is covered with special emphasis placed on more hazardous areas. This course is the prerequisite to OTI 500.

How You Will Benefit
- Select the appropriate OSHA standards that apply to a hazard
- Identify elements of a successful construction safety program
- Identify the more frequently cited OSHA standards
- Implement an effective record keeping procedure
- Earn 2.6 CEUs

What You Will Learn
- Introduction to OSHA
- Hazard violation search workshop
- Safety programs
- Record keeping
- Hazard communication
- Health hazards in construction
- Personal protective equipment
- Fire protection and prevention
- Materials handling
- Hand and power tools
- Welding
- Electrical
- Scaffolding
- Fall protection
- Cranes and rigging
- Motor vehicles
- Excavation
- Concrete construction
- Steel erection
- Underground construction
- Demolition
- Blasting
- Stairways and ladder

Required Materials
OSHA’s 29 CFR 1926 Construction Safety Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

Registration Info
Individuals must submit proof they have attended the prerequisite course, complete prerequisite verification form, available at pe.gatech.edu/oti500, and submit their resume before they will be authorized to register.

Use OSHA standards to learn effective training techniques with a special emphasis on the most hazardous areas in construction. This course is for private and public sector workers interested in developing safety and health programs in construction. Successfully complete the course and pass a multiple-choice test to become an outreach trainer, authorized to conduct both 10- and 30-hour construction courses. Construction industry outreach trainers must take OTI 502 every four years to maintain their status.

How You Will Benefit
- Learn effective instructional approaches and the use of visual aids/handouts
- Define construction terms found in OSHA standards
- Present effective safety and health training programs in accordance with OSHA’s construction standards, regulations, and guidelines
- Earn 2.6 CEUs

What You Will Learn
- Training techniques
- Hazard communication
- Health hazards and PPE
- Walking and working surfaces
- Scaffolding and trenching
- Outreach training program
- Electrical
- Cranes and rigging
- Ladders and stairways
- Tools and welding
- Confined space entry
- Concrete construction
- Steel erection
- OSHA record keeping
- OSHA standards and safety programs
- OSHA inspections, targeting, penalties

Prerequisites
Participants are required to have both:
1. Five years of construction safety experience (a college degree in occupational safety and health, a Certified Safety Professional (CSP) or Certified Industrial Hygienist (CIH) designation, in the applicable training area may be substituted for two years of experience) AND
2. OTI 510 course

Required Materials
OSHA’s 29 CFR 1926 Construction Safety Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

Attendees should bring a laptop and be prepared to make a presentation during the course. Attendees will be conducting training for the class as part of the exam, which must be passed in order to be re-authorized.
Maintain your construction industry trainer status. Become familiar with recent changes to OSHA’s most common hazards and violations. This course is for private and public sector workers who have completed the OTI 500 instructor course. Construction industry voluntary compliance outreach trainers must take this update course every four years. If your card has expired, you must retake the OTI 500 course and the exam.

**How You Will Benefit**
- Locate and apply recently adopted or revised OSHA construction industry safety and health standards, policies and procedures
- Recommend current OSHA construction requirements and policies
- Describe new construction standards
- Identify training material resources
- Apply techniques and resources used by other construction outreach trainers
- Provide a general overview of construction safety practices
- **Earn 1.8 CEUs**

**What You Will Learn**
- OSHA inspection policy updates
- OSHA procedures and standards updates
- Safety and health program management
- Training techniques

**Prerequisite**
Participants are required to have completed the OTI 500 or OTI 502 course.

**Required Materials**
OSHA’s 29 CFR 1926 Construction Safety Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

Attendees should bring a laptop and be prepared to make a presentation during the course. Attendees will be conducting training for the class as part of the exam, which must be passed in order to be re-authorized.
General Industry

Trainer Courses

OTI 511: Occupational Safety and Health Standards for General Industry
pe.gatech.edu/oti511 | $795 | 29 CFR 1910 $35

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<td>Sept. 23-27, 2013 (Birmingham, AL)</td>
<td>Feb. 3-6, 2014 (Atlanta)</td>
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<tr>
<td>Oct. 21-25, 2013 (Jackson, MS)</td>
<td>Mar. 3-7, 2014 (Louisville, KY)</td>
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<tr>
<td>Nov. 11-15, 2013 (Mobile, AL)</td>
<td>Apr. 7-11, 2014 (Atlanta)</td>
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<tr>
<td>Dec. 2-6, 2013 (Atlanta)</td>
<td>May 19-23, 2014 (Myrtle Beach, SC)</td>
</tr>
<tr>
<td>Jan. 21-24, 2014 (Savannah, GA)</td>
<td>June 16-20, 2014 (Chattanooga, TN)</td>
</tr>
<tr>
<td>Jul. 21-25, 2014 (Destin, FL)</td>
<td>Sept. 15-18, 2014 (Savannah, GA)</td>
</tr>
<tr>
<td>Nov. 2-6, 2014 (Atlanta)</td>
<td>Dec. 1-5, 2014 (Atlanta)</td>
</tr>
<tr>
<td>Mar. 3-7, 2015 (Atlanta)</td>
<td>Dec. 8-12, 2014 (Mobile, AL)</td>
</tr>
</tbody>
</table>

Use OSHA standards as a guide to apply OSHA policies, procedures, standards and general industry safety and health principles. Topics include scope and application of OSHA general industry standards, with special emphasis placed on hazardous areas. This course is the prerequisite to OTI 501.

How You Will Benefit
• Select the appropriate OSHA standards that apply to a hazard
• Identify elements of a successful safety and health program
• Identify the more frequently cited OSHA standards
• Earn 2.6 CEUs

What You Will Learn
• Hazard violation safety workshop
• Means of egress and fire protection
• Personal protective equipment
• Material handling
• Electrical safety standards and work practices
• Hazard communication

Required Materials
OSHA’s 29 CFR 1910 General Industry Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

OTI 501: Trainer Course in Occupational Safety and Health Standards for General Industry
pe.gatech.edu/oti501 | $795 | 29 CFR 1910 $35

<table>
<thead>
<tr>
<th>Session Dates</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Feb. 3-7, 2014 (Atlanta)</td>
<td>Aug. 18-22, 2014 (Atlanta)</td>
</tr>
<tr>
<td>Nov. 2-6, 2014 (Atlanta)</td>
<td>Dec. 8-12, 2014 (Atlanta)</td>
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</tbody>
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Implement in your workplace the OSHA provisions provided by several private and public sector personnel representing numerous industries. Learn about your rights and responsibilities under the OSHA Act. Successfully complete the course and pass a multiple-choice test to become an outreach trainer, authorized to conduct both 10- and 30-hour general industry courses. General industry voluntary compliance outreach trainers must take OTI 503 every four years to maintain their status.

How You Will Benefit
• Learn effective instructional approaches and the use of visual aids/handouts
• Locate OSHA safety and health standards, policies and procedures
• Describe the use of OSHA standards and regulations to supplement an ongoing safety and health program
• Earn 2.6 CEUs

What You Will Learn
• Introduction to OSHA standards
• OSH Act and 29 CFR 1903
• Citations and proposed penalties
• Training techniques
• Means of egress and fire protection
• Material handling and PPE
• Outreach training program
• Electrical safety standards and work practices
• Hazard communication
• Industrial hygiene
• Machine guarding
• Lockout/tagout
• Walking and working surfaces
• OSHA record keeping
• Ergonomics
• Welding permit-required confined space

Prerequisites
Participants are required to have both:
1. Five years of general industry safety experience (a college degree in occupational safety and health, a Certified Safety Professional (CSP) or Certified Industrial Hygienist (CIH) designation, in the applicable training area may be substituted for two years of experience) AND
2. OTI 511 course

Required Materials
OSHA’s 29 CFR 1910 General Industry Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

Attendees should bring a laptop and be prepared to make a presentation during the course. Attendees will be conducting training for the class as part of the exam, which must be passed in order to be re-authorized.
Update for General Industry Outreach Trainers
pe.gatech.edu/oti503 | $580 | 29 CFR 1910 $35

Maintain your general industry trainer status. Become familiar with recent changes to OSHA standards for the most common hazards and violations. This course is for private and public sector personnel who have completed the OTI 501 instructor course. General industry voluntary compliance outreach trainers must take this course every four years. If your card has expired, you must retake the OTI 501 course and the exam.

How You Will Benefit
- Locate and apply recently adopted or revised OSHA general industry safety and health standards, policies, and procedures
- Use recent changes in OSHA standards and regulations to supplement an ongoing safety and health program
- Identify common violations of OSHA standards and propose abatement actions
- Describe recent developments in abatement procedures for selected safety hazards
- Earn 1.8 CEUs

What You Will Learn
- OSHA inspection policy updates
- OSHA procedures and standards updates
- Safety and health program management
- Training techniques

Prerequisite
Participants are required to have completed the OTI 501 (or OTI 503) course.

Required Materials
OSHA’s 29 CFR 1910 General Industry Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

Attendees should bring a laptop and be prepared to make a presentation during the course. Attendees will be conducting training for the class as part of the exam, which must be passed in order to be re-authorized.
OTI 521: OSHA Guide to Industrial Hygiene
pe.gatech.edu/oti521 | $795 | 29 CFR 1910 $35

Learn about industrial hygiene practices and related OSHA regulations and procedures. Focus on OSHA health standards, permissible exposure limits, respiratory protection, engineering controls, hazard communication, sampling instrumentation, hearing conservation, workplace health program elements and other industrial hygiene-related topics. Use workplace scenarios to describe hazards and determine what OSHA health standards apply.

How You Will Benefit
- Define terms relating to OSHA health requirements
- Recognize potential health hazards in the workplace
- Perform basic health hazard evaluations using OSHA sampling procedures
- Recommend suitable strategies for controlling hazardous conditions
- Describe the elements required for an effective workplace health program
- Earn 2.7 CEUs

What You Will Learn
- Air contaminant sampling
- Air sampling laboratory
- Compliance with air contaminant standards
- Compliance with hazard communication
- Compliance with hazardous waste standards
- Compliance with the asbestos standard
- Compliance with the blood-borne pathogens standard
- Compliance with the noise standard
- Compliance with the respirator standard
- Compliance with ventilation standards and laboratory ventilation
- Detector tube sampling
- Elements of a workplace health program
- Hazard violation workshop
- Health hazard recognition
- OSHA ergonomic guidelines

Required Materials
OSHA's 29 CFR 1910 General Industry Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

OTI 2015: Hazardous Materials
pe.gatech.edu/oti2015 | $795

Get an overview of OSHA's general industry standards and other consensus and proprietary standards that relate to hazardous materials.

How You Will Benefit
- Describe methods for detecting unsafe storage conditions for hazardous materials
- Explain electrical factors that may contribute to the creation or abatement of hazardous conditions
- Relate hazardous conditions and unsafe procedures to appropriate standards for abatement action
- Specify necessary precautions for hazardous operations, such as dispensing flammable and combustible liquids
- Describe proper abatement techniques for selected industrial hazards
- Earn 2.6 CEUs

What You Will Learn
- Flammable and combustible liquids
- Compressed gases
- LP gas
- Cryogenic liquids
- Spraying and dipping processes
- Electrical equipment
- Process safety management
- Hazardous waste operations and emergency response
- Permit-required confined space entry
- Welding
- Ammonia

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
**OTI 2045: Machinery and Machine Guarding Standards**

pe.gatech.edu/oti2045 | $795

Dec. 9-13, 2013 (Atlanta)  
Aug. 11-15, 2014 (Atlanta)  
May 5-9, 2014 (Atlanta)  
Dec. 1-5, 2014 (Atlanta)

Become familiar with a variety of commonly used machinery, relevant safety standards, and machine guarding methods. Learn the hazards associated with various machinery and how to control hazardous energy sources (lockout/tagout). Apply hazard recognition concepts on a site inspection at an operating facility with a variety of machine operations. Evaluate and document any machinery and machine guarding hazards, as well as research the standards for citation references. Course includes hands-on training and a field trip.

**How You Will Benefit**
- Identify common machines and associated hazards found within a broad spectrum of industries
- Identify hazards that occur around machinery, including, but not limited to, woodworking equipment, metal-working equipment and mechanical power presses
- Recognize additional hazards common to abrasive wheels, power transmissions, mills and calenders
- Understand portable tool safeguarding
- Select appropriate OSHA standards that apply to a hazard
- Recognize and present options to achieve abatement
- **Earn 2.6 CEUs**

**What You Will Learn**
- Hazards and standards workshop
- Review of machinery and machine guarding
- Review of guarding and devices
- Control of hazardous energy sources (lockout/tagout)
- Electrical safety-related work practices

**Personal Protective Equipment Requirements**
Safety shoes, safety glasses and appropriate clothing are required.

**OTI 2225: Respiratory Protection**

pe.gatech.edu/oti2225 | $715

Apr. 8-11, 2014 (Atlanta)

Gain knowledge of the requirements for the establishment, maintenance and monitoring of a respiratory protection program. Use an array of respirators and support equipment through hands-on training.

**How You Will Benefit**
- Identify and describe the major elements of a respiratory protection program following 29 CFR 1910.134
- Discuss technical aspects for the proper selection and use of respirators
- Evaluate compliance with OSHA’s respiratory protection standard
- Conduct exercises on respirator selection
- Discuss qualitative and quantitative fit testing
- **Earn 2.6 CEUs**

**What You Will Learn**
- Terminology
- Respirator fit testing
- OSHA and ANSI standards
- Respirator selection
- NIOSH certifications
- Medical evaluation recommendations
- Maintenance and care
- Medical evaluations
- Supplied air respirators
- Self-contained breathing apparatus
- Respirator use
- Confined space entry
- Record keeping

**Medical Approval Requirement**
Medical approval to wear a half-mask, air-purifying respirator is required.
OTI 2255: **Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders**

pe.gatech.edu/oti2255 | $715

Mar. 25-28, 2014 (Atlanta)
Aug. 5-8, 2014 (Atlanta)

Learn how to apply ergonomic principles for the reduction of stress and strain on an employee’s body as well as the control of workplace musculoskeletal and nerve disorders. Conduct task analyses of videotaped jobs, looking for musculoskeletal disorder risk factors. Work as a team to apply class concepts to develop effective control strategies for each job.

**How You Will Benefit**
- Describe the impact of job and workplace design on employee safety and health
- Identify workplace characteristics that may contribute to cumulative trauma disorders
- Improve job, workstation and equipment design to reduce the potential for musculoskeletal injury
- Analyze manual lifting tasks and estimate reasonable lifting limits
- Earn 2.0 CEUs

**What You Will Learn**
- Work physiology
- Anthropometry
- Cumulative trauma disorders
- Heat stress
- Administrative and engineering controls

**Required Materials**
Some math is required. Participants need to bring calculators.

*Note: This course was previously known as OTI 2250.*

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OTI 2264: **Permit-Required Confined Space Entry**

pe.gatech.edu/oti2264 | $735

Feb. 25-28, 2014 (Atlanta)
June 10-13, 2014 (Atlanta)

Learn to recognize, evaluate, prevent and abate safety and health hazards associated with confined space entry.

**How You Will Benefit**
- Define terms specific to permit-required confined space operations
- Identify standards governing permit-required confined space entry procedures
- Describe hazards associated with permit spaces
- Demonstrate the proper operation of testing instruments and explain their limitations
- Describe appropriate ventilation, PPE and emergency procedures necessary for entry
- Earn 2.0 CEUs

**What You Will Learn**
- Permit space hazards
- Entry procedures
- Ventilation requirements
- Personal protective equipment
- Permit system
Focus on OSHA standards and on the safety aspects of excavation and trenching. Use instruments such as penetrometers, torvane shears and engineering rods during a hands-on field trip.

How You Will Benefit
- Learn about practical soil mechanics along with its relationship to the stability of shored and unshored slopes and walls of excavations
- Learn about various types of shoring (wood timbers and hydraulic)
- Use different testing methods
- Earn 2.0 CEUs

OTI 3095: Electrical Standards
pe.gatech.edu/oti3095 | $795

Get an overview of electrical installations and related equipment with an emphasis on controlling electrical hazards by the application of OSHA standards and the National Electrical Code.

How You Will Benefit
- Detect electrical hazards, determine which OSHA standards apply and achieve the appropriate abatement
- Identify the proper use of safety electrical test equipment
- Understand the effects of electrical currents on the human body with respect to voltage, current path and the duration of exposure
- Know OSHA electrical standards
- Connect the National Electrical Code to OSHA’s electrical standard
- Participate in an electrical lab
- Earn 2.8 CEUs

What You Will Learn
- Electrical fundamentals
- Grounding requirements
- Over-current protection
- Single- and three-phase systems
- Electrical requirements for portable equipment
- Electrical requirements for fixed equipment
- Ground fault circuit interrupters
- Hazardous locations
- Electrical safety-related work practices
- Dielectric personal protective equipment
- Temporary wiring
- Portable generators
- Branch circuits
- NFPA 70E

Personal Protective Equipment Requirements
Participants are required to bring safety shoes, safety glasses, a hard hat and appropriate clothing.

Note: This course was previously known as OTI 3010.
OTI 6000: Collateral Duty Course for Other Federal Agencies
pe.gatech.edu/oti6000 | $400 | 29 CFR 1910 $35

Apr. 14-17, 2014 (Atlanta)

Effectively assist agency safety and health officers in their inspection and abatement efforts. Learn the process of a site inspection and visit a government facility to evaluate and document observed hazards. Research and select applicable standards for observed hazards. Present your findings to the class.

How You Will Benefit
- Describe the OSH Act, 29 CFR 1960 and 29 CFR 1910
- Describe major provisions of Executive Order 12196
- Identify selected safety and health hazards and corresponding OSHA standards, such as machine guarding, portable tools, welding, cutting and brazing
- Use the OSHA numbering system
- Describe abatement methods for selected safety and health hazards, such as hazardous materials
- Explain and apply workplace inspection procedures consistent with established OSHA policies, procedures and directives
- Earn 2.3 CEUs

What You Will Learn
- Hazard communication
- Inspection field trip, write-up and review
- Introduction to accident investigation
- Introduction to the OSH Act and 29 CFR 1960
- Introduction to OSHA standards and hazard violation workshop
- Office safety
- Walking and working surfaces
- Means of egress and fire protection
- Personal protective equipment
- Material handling
- Electrical standards
- Introduction to industrial hygiene

Required Materials
OSHA’s 29 CFR 1910 General Industry Standard. If you purchase the CFR from Georgia Tech, it must be ordered at time of registration.

Personal Protective Equipment Requirements
Safety shoes, safety glasses and appropriate clothing are required.
The focus of this one-day course is to use “OSHA’s Ergonomics Guidelines for Nursing Homes” document as a basis for any healthcare facility to develop a process to protect workers and their patients. The course will focus on recognizing, assessing and controlling ergonomic hazards in a healthcare setting. Featured topics include: developing an ergonomics process, risk factors inherent in patient handling, identifying problem jobs including protocols for patient assessment, and implementing solutions including work practices and engineering solutions.

How You Will Benefit
• Describe how to apply OSHA’s Ergonomics Guidelines for Nursing Homes in developing a process to provide safe patient handling
• Discuss the benefits of implementing an ergonomics process
• Identify and analyze ergonomic problem jobs patient handling
• Recognize practical solutions to address ergonomic problem jobs
• Earn 0.6 CEUs

What You Will Learn
• OSHA’s focus in nursing homes
• Developing an ergonomics process
• Risk factors
• Identifying problem jobs
• Implementing solutions

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.

How You Will Benefit
• Explain the importance of energy control programs, procedures, training, audits and methods of controlling hazardous energy
• Demonstrate the knowledge and skills required to safely perform service and maintenance activities
• Earn 0.6 CEUs

What You Will Learn
• Purpose and scope
• Energy control program
• Energy control procedures
• Required training
• Periodic inspections
• Application
OTI 7505: Introduction to Accident Investigation  
pe.gatech.edu/oti7505 | $245

Sept. 20, 2013 (Atlanta)  June 16, 2014 (Atlanta)
Mar. 7, 2014 (Atlanta)    July 18, 2014 (Savannah, GA)

Through hands-on training, use the six-step procedure to conduct an effective accident investigation at your workplace. Know the primary reasons for conducting an accident investigation, and the employer’s responsibilities related to workplace-accident investigations.

How You Will Benefit
- Analyze accidents using proven techniques
- Know your responsibilities in a workplace accident
- Earn 0.75 CEUs

What You Will Learn
- Accident investigation basics
- The Six-Step Process
- Preserve and document accident scenes
- Collect facts through interviews
- Develop sequence of events
- Determine the causes
- Develop recommendations
- Report writing
- Record keeping
- Putting it all together

OTI 7845: OSHA Recordkeeping Rule Course  
pe.gatech.edu/oti7845 | $145

Nov. 1, 2013 (Atlanta)  April 11, 2014 (Atlanta)
Sept. 19, 2014 (Savannah, GA)

Simplify the record keeping system for your employer using OSHA’s new record keeping rule, 29 CFR 1904, designed to improve employee involvement and protect the privacy of an injured or ill worker.

How You Will Benefit
- Improve your record keeping system
- Improve the quality and consistency of injury and illness data
- Earn 0.4 CEUs

What You Will Learn
- Identify employers and employees covered under OSHA’s revised record keeping requirements
- Identify new OSHA requirements for record keeping, posting and reporting
- Correctly complete OSHA Forms 300, 300A and 301
Discover how to address human-related issues in system development in an integrated manner. Explore the principles of human factors engineering, personnel selection, training, safety and other HSI technical domains. Learn how these activities across these separate areas should be integrated to reduce personnel costs and improve system performance. Find out how to use an HSI program to optimize total system performance, minimize total ownership costs, and ensure that your system is built to accommodate the characteristics of your user population that will operate, maintain and support it.

How You Will Benefit
- Understand the rationale for conducting an HSI program
- Familiarize yourself with each HSI domains and the areas of common concern across domains
- Understand how to plan an HSI program
- Learn how to conduct the analyses that support the HSI program
- Comprehend HSI requirements, metrics and evaluation methods
- Earn 1.95 CEUs

What You Will Learn
- Introduction to HSI
- HSI program planning
- HSI analyses: Mission task analysis
- HSI analyses: Job analysis, workload analysis
- HSI domains: Human factors engineering, personnel
- HSI domains: Manpower and Training
- HSI domains: Safety and occupational health
- HSI domains: Survivability and habitability
- HSI requirements and metrics
- Trade offs between domains
- HSI test and evaluation: Test Planning
- HSI test and evaluation: Methods

Environmental regulations are constantly changing, and no one has time to research multiple places to find all of the rules that apply to your company. Remove the guesswork to identify EPA regulations, put the rules into action and avoid fines. Save time and money with Georgia Tech. Learn what steps you need to take to apply EPA regulations to your facility. Use case studies and networking to see how other companies are handling environmental issues. Learn to spot potential environmental hazards and correct the dangers, to better protect your workplace and the environment from hazards.

How You Will Benefit
- Understand and apply the requirements of environmental laws, regulations and permits
- Stay up-to-date on recently changed regulations and proposed changes
- Spot potential hazards and correct them before there is a problem
- Earn 2.1 CEUs

What You Will Learn
- Resource Conservation & Recovery Act (RCRA), including hazardous waste generator requirements
- Universal waste
- Emergency Planning and Community Right-to-Know Act (EPCRA), including an understanding of Tier II, TRI and spill reporting
- Air emissions, including Title V and SIP
- Hazardous chemical storage, including RMP and CFATS
- Industrial wastewater
- Industrial Stormwater Permitting and Pollution Prevention Plan (SWP3)
- Requirements (Construction stormwater issues are not covered)
- Spill Prevention Control and Countermeasure Plan Requirements (SPCC), including oil storage and containment
- Underground and aboveground storage tanks
- Hazardous materials transportation – DOT
- Legal considerations
- Environmental management systems – ISO 14001
- Material safety data sheets
- Electronic waste
Identify basic scaffold hazards as required by OSHA’s revised scaffold standard—Subpart L.

**How You Will Benefit**
- Recognize the hazards and causes of hazards commonly associated with work on or around scaffolds
- Be aware of common scaffold-related accidents
- Understand the general OSHA requirements for scaffold safety
- Understand the correct procedures and controls necessary to minimize the hazards
- **Earn 0.55 CEUs**

**What You Will Learn**
- Fall hazards
- Personal fall arrest systems
- Scaffold access
- Struck by falling objects hazards
- Electrical hazards
- Scaffold collapse hazards

Note: This course is not intended to be training for erectors/dismantlers nor will it “certify” competent persons or qualified persons.

Get the tools and knowledge needed for effective management of the safety process. Explore real day-to-day safety management issues and provide solutions to the most common obstacles encountered.

**How You Will Benefit**
- Develop, organize, coordinate and implement successful safety and health programs
- Identify and utilize essential safety management principles that drive the safety process
- Conduct effective safety planning
- Communicate safety program needs and improvements to management
- Manage worker’s compensation and general liability claims
- Create a zero-incident culture that leads to improved safety performance
- **Earn 2.1 CEUs**

**What You Will Learn**
- Safety manager roles and responsibilities
- Management principles
- Language and cross-cultural issues
- Accountability for safety
- Safety leadership
- Behavioral safety principles
- Recognition and reward programs

- Insurance programs and issues
- Substance abuse programs
- OSHA and regulatory issues
- Preplanning
- Crisis management
- Training and orientation
- Accident investigation
Design, develop, deliver, evaluate and manage workplace safety and health training programs. Prepare and give a 15-minute presentation on a relevant workplace health and safety topic. The presentation will include skills and techniques learned in the course; however, you will be encouraged to also bring materials that you are currently working on to use as a reference.

**How You Will Benefit**

- Conduct a needs analysis as well as perform a task analysis
- Write a goals statement identifying the target audience, observable and measurable objectives, and criterion-referenced test items and performance check lists
- Identify ways to evaluate training programs
- Demonstrate instructional strategies, methods and media, and link them to learning objectives
- Develop a training lesson plan
- Prepare a five-minute exercise with written instructions
- Explain the difference in learning styles
- Explain how to manage and document a training program
- Prepare for the optional Certified Environmental Trainer exam

**Earn 2.7 CEUs**

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**CET Exam Information**

The Certified Environmental, Safety and Health Trainer (CET) exam is administered by the Board of Certified Safety Professionals (BCSP). Registration and exam fees for the CET exam are not included in the course fee. Contact BCSP for CET certification information.

Board of Certified Safety Professionals (BCSP)
2301 W. Bradley Ave. • Champaign, IL 61821
Phone: 217-359-9263 • Fax: 217-359-0055 • bcsp@bcsp.org

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**NFPA 70E: Standard for Electrical Safety in the Workplace**

Understand the requirements outlined by the NFPA 70E. Use this knowledge to educate your employees on NFPA 70E safety standards.

**How You Will Benefit**

- Improved safety awareness
- Learn how NFPA 70E requirements affect your facility and personnel
- Protection from arc flashes and blasts
- Learn about PPE in order to protect against arc flashes and blasts
- Training requirements for personnel
- Learn what it takes to provide a safe work environment for your employees

**Earn 0.7 CEUs**

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**What You Will Learn**

- Introduction to NFPA 70E
- The relationship between NFPA 70E and OSHA
- The basic concepts of NFPA 70E
- Design systems for safety
- Use of properly related insulated tools
- Use of PPE, including flame retardant clothing
- General requirements for electrical safety-related work practices
- Establishing an electrically-safe work environment
- Model safety program
- Working on or near live parts
- Energized electrical work permits
- Approach boundaries to live parts
- Flash hazard analysis
- Other precautions for personnel activities
- Personal and other protective equipment
The CHST certification is designed for individuals who demonstrate competency and work part-time or full-time in health and safety activities devoted to the prevention of construction illnesses and injuries. The CHST certification meets national standards for certifications.

Candidates for the CHST certification are typically employed as safety and health specialists on construction job sites, serving in either full-time or part-time positions. Typical individuals are responsible for safety and health on one or more significant construction projects or job sites. They may work for an owner, general contractor, subcontractor or firm involved in construction or construction safety.

The CHST program recognizes that many employers assign responsibility for construction safety and health functions to those with very important roles in protecting workers. Many construction safety professionals use the CHST as a stepping stone to greater roles in safety and health and, in some cases, to the Certified Safety Professional (CSP) certification.

“Before I took this class, I didn’t know how to try to prepare for the CHST. The instructor gave us good study tips and tools such as flash cards and literature. He broke down the math step-by-step and he took the time to ask us specifically, ‘Do you understand?’ I left the session feeling revived.”

Drew Gaskins
South East Regional Safety Manager
Gilbane Building Co.

About Construction Health and Safety Technician (CHST) Certification

„Before I took this class, I didn’t know how to try to prepare for the CHST. The instructor gave us good study tips and tools such as flash cards and literature. He broke down the math step-by-step and he took the time to ask us specifically, ‘Do you understand?’ I left the session feeling revived.”

Drew Gaskins
South East Regional Safety Manager
Gilbane Building Co.

EST 7007:
Construction Health and Safety Technician (CHST) Certification Exam Study Session
pe.gatech.edu/est7007 | $149 | 29 CFR 1910 $35

Mar. 19-20, 2014 (Atlanta)
Oct. 22-23, 2014 (Atlanta)

This course is designed to provide qualified Construction Health and Safety Technician (CHST) certification candidates with skills, knowledge and techniques necessary for preparing for the CHST Certification Exam. Over the two-day period, participants will review the CHST Exam requirements as well as the skills and knowledge addressed in the domains covered in the examination.

How You Will Benefit
• Learn to explain the CHST exam requirements and prerequisite skills
• Learn to explain the domain area covered in the exam
• Assess your skills and knowledge of the material addressed in the exam
• Complete CHST Self-Assessments
• Earn 1.3 CEUs

What You Will Learn
• What is a CHST Certification?
• Program management
• How to study and prepare for certification exams
• Professional responsibility
• CHST examination
• Sample questions review
• CHST self-assessment
• Course evaluation

Required Materials
• Attendees should identify reference and study materials as needed. Workbooks (obtained at spansafetyworkshops.com/self-study-books.php) are optional, but will be referenced throughout the seminar.
• OSHA’s 29 CFR 1926 - Construction
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 toward 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.

How You Will Benefit

• Describe the properties of sound
• Explain OSHA’s general industry and construction noise standards
• Demonstrate the use of a sound level meter and noise dosimeter
• Discuss noise-induced hearing loss
• Describe methods of controlling noise
• Demonstrate the use of hearing conservation training materials
• Earn 0.7 CEUs

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.

How You Will Benefit

• Describe the purposes of air sampling
• Differentiate between types of air sampling techniques and methodologies
• Gain familiarity with different types of air sampling equipment
• Understand how to calculate time-weighted averages (TWA) and interpret laboratory results
• Earn 0.7 CEUs

What You Will Learn

• Characteristics of common types of workplace air contaminants
• Calibration and sampling techniques with air sampling equipment

Additional Information

The topics in EST 7009: Air Sampling Fundamentals and OTI 2225: Respiratory Protection go hand in hand, and now you can take both Georgia Tech Professional Education courses in one week (see page 21).
Many small businesses and large businesses currently 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.

How You Will Benefit
• Why Process Safety Management (PSM) was promulgated
• Why, even with PSM, catastrophes are still occurring
• Who is covered and what exemptions exist
• The team process for developing a PSM program
• Each element of a properly designed and implemented program and how to design a PSM program through a course case study
• How PSM and Risk Management Plan (RMP) work together to protect the workforce and surrounding community
• The elements of an RMP and how to develop and submit it to the EPA
• Earn 3.15 CEUs

What You Will Learn
• Application and exclusions
• Hazards of the process and toxicity
• Technology of the process and equipment in the process
• Mechanical integrity, inspection and testing; quality assurance
• Process hazard analysis
• Management of change
• Operating procedures
• Safe work practices
• Training
• Contractor management and emergency preparedness
• Incident investigation, compliance audits and trade secrets
• EPA Risk Management Plans (RMP)

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

How You Will Benefit
• 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.
• Earn 1.8 CEUs

What You Will Learn
• Crane types
• Crane hazards/accidents
• New OSHA standard
• How cranes work
• Anatomy of cranes
• Equipment operations part I
• Operator/signal person/rigger qualifications
• Critical lift requirements
• Assembly/disassembly requirements
• Power line safety
• Tower crane requirements
• Tower crane jacking best practices
• Derricks
• Signaling
• Crane inspection requirements
• Rigging
• OSHA compliance directive
Topics in Occupational Health Management
pe.gatech.edu/est7012 | $625

Sept. 17-19, 2013 (Atlanta)
Sept. 30-Oct. 2, 2014 (Atlanta)

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.

What You Will Learn
• Common occupational health risks
• Managing employee health/wellness programs
• Occupational health risk management

How You Will Benefit
• Recognize the scope of occupational health risks in the workplace
• Gain familiarity with both specific industrial hygiene topics as well as management of potential control strategies
• Understand how increased overlap between safety, risk management and human resources can lead to improved industry performance
• Earn 1.75 CEUs

Power Transmission and Distribution
pe.gatech.edu/est7013 | $245

May 6, 2014 (Atlanta)

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.

What You Will Learn
• Training requirements
• Medical
• Hazardous energy control
• Live line work
• De-energizing lines
• Mechanical equipment
• Tree trimming
• Substations

Prerequisites
OTI 511 and/or OTI 510 are recommended.

How You Will Benefit
• Recognize the hazards involved with Power Transmission and Distribution
• Learn the training requirements in the industry
• Discuss methods to abate hazards involved with operations such as: tree trimming, live line work, confined spaces and substation entry
• Identify PPE and the requirements for its selection and use
• Explain the safe work practices that are necessary for the industry
• Earn 0.7 CEUs
Explore an integrated approach for improving both production processes and safety outcomes collaboratively. Participants with either process improvement or safety and health backgrounds will benefit from this integrated, simulation-based learning experience. See how addressing process and safety concurrently promotes greater benefits to the organization.

**How You Will Benefit**
- Apply safety metrics to Value Stream Mapping (VSM) for process improvements
- Understand and apply of the “lean and safe” toolkit
- Identify and assess safety waste in processes
- Learn to work collaboratively and cross-functionally to develop the “lean and safe” solutions – safety-integrated process improvements
- Analyze the results of safety-integrated process improvements
- Sustain safety-integrated process improvements
- Lead a “lean and safe” organization

**What You Will Learn**
- Introduction to safety-integrated process improvement
- Value Stream Mapping (VSM) for processes and safety outcomes
- Identifying and assessing waste and hazards concurrently
- Implementing safety-integrated process improvements
- Sustaining safety-integrated process improvements
- Leading in a “lean and safe” organization

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**EST 7016: OSHA Voluntary Protection Programs (VPP): Protect Employees Beyond OSHA Standards and Attain VPP**

This new advanced course is designed to provide information, classroom and field exercises to successfully achieve the elements and sub-elements of OSHA’s most elite Voluntary Protection Programs (VPP). The instructors are previous OSHA VPP Managers who have enjoyed many years of assisting, managing and leading VPP assessments in general industry, construction, and federal and state worksites in the U.S. and other countries.

The course will cover world-class safety and health management systems (predominately VPP), in addition to a comparison with various other system options that are currently available. The course will include a review of the OSHA VPP Federal Register Notice and the VPP Policies and Procedures Manual (CSP-03-01-003). Attendees will not only learn the details behind the primary elements of VPP, but will learn the implementation of these principles through a real life case study including the application process.

The course was created for persons interested in improving work-related injuries and illnesses and other benefits, such as increased morale and employee participation, lower accident-related costs, reduced absenteeism, lower turnover and higher productivity.

**How You Will Benefit**
- Learn the four main elements and each of the sub-elements required for VPP approval
- Learn the similarities and differences in OSHA’s VPP and other safety and health management systems
- Learn the difference between workplace inspections and effectively assessing safety and health management systems successes and deficiencies
- Receive examples of best practices and common obstacle solutions

**What You Will Learn**
- Safety & health management systems options – commonalities/differences
- Intro to OSHA VPP elements and sub-elements/review of FRN and CSP
- What works/best practices/incentive programs/showstoppers
- Effective committees
- VPP jeopardy
- OSHA VPP elements and sub-elements/OSHA record keeping
- Assessment techniques/preventive vs. reactive
- Management leadership/employee involvement
- Contractors/worksite analysis
- Hazard prevention and control/safety and health training
- Case study
- Site visit

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For more information or to register, visit [pe.gatech.edu/safety](http://pe.gatech.edu/safety) or call 404-385-3501.
Address the background of the Globally Harmonized System of Classification & Labeling of Chemicals (GHS), as well as what has changed under OSHA’s Hazard Communication Standard (Hazcom 2012, 29 CFR 1910.1200) and related standards.

What You Will Learn
- Overview of GHS
- Hazcom 2012
- Hazcom definitions
- Hazard identification
- Labels
- Safety data sheets

How You Will Benefit
- Discuss the new employer requirements related to the GHS/Hazcom 2012 revisions
- Understand the chemical classification requirements under Hazcom 2012
- Understand the new labeling requirements
- Understand how to work with and interpret the new Safety Data Sheet format
- Understand the training requirements under Hazcom 2012
- Appreciate the OSHA Hazcom requirements to protect employees from the hazards of chemicals in the workplace
- Better recognize Hazcom issues
- Improve your ability to implement and manage your Hazcom program
- Earn 0.6 CEUs

Effectively implement a company safety and health management system to help reduce the number and severity of workplace injuries and illnesses. Learn the four core elements of an effective system and the central issues critical to properly manage each element.

What You Will Learn
- Overview of a safety and health management system
- Management leadership and employee involvement
- Work site analysis
- Hazard prevention and control
- Safety and health training
- Program evaluation

How You Will Benefit
- Explain the benefits of implementing a safety and health management system, such as lower accident-related costs, reduced absenteeism, lower turnover, higher productivity and improved employee morale
- Identify the core elements of an effective safety and health program
- Describe the key processes in each program element
- Earn 0.7 CEUs

Through hands-on training, use the six-step procedure to conduct an effective accident investigation at your workplace. Know the primary reasons for conducting an accident investigation, and the employer’s responsibilities related to workplace-accident investigations.

What You Will Learn
- Accident investigation basics
- The Six-Step Process
- Preserve and document accident scenes
- Collect facts through interviews
- Develop sequence of events
- Determine the causes
- Develop recommendations
- Report writing
- Record keeping
- Putting it all together

How You Will Benefit
- Analyze accidents using proven techniques
- Know your responsibilities in a workplace accident
- Earn 0.75 CEUs

Working to keep your team safe
EST 7124: Human Performance: Understanding Human Error
pe.gatech.edu/est7124 | $600

Feb. 11-13, 2014 (Atlanta)
Nov. 4-6, 2014 (Atlanta)

Understanding human performance is critical for effective safety management and incident investigation. Human error is often identified as the cause of many accidents. However, it is the beginning point rather than the end point in truly understanding both accident causation and safety performance. This course is designed for managers, human resources and safety professionals in all industries seeking a better understanding of the role of human error in safety.

How You Will Benefit
- Learn the five critical principles of human performance
- Define precursors of human error
- Discuss organizational influences on human behavior
- Understand the role of human error in incident investigations
- Discuss and learn to avoid investigative biases
- Learn to identify and differentiate between latent conditions vs. active triggers
- Apply effective investigative questioning techniques
- Understand the impact of organizational culture on human performance
- Identify how leadership influences human performance
- Learn and utilize effective performance coaching techniques
- Understand the value and characteristics of learning organizations
- Earn 2.1 CEUs

What You Will Learn
- Course opening, introductions, pre-test
- HP overview, HP principle #1: people are fallible
- HP principle #2: error precursors
- Human error in incident investigations
- Investigative biases
- Latent conditions vs. active triggers
- HP & organizational culture
- Leadership influence on HP
- Performance coaching
- HP principle #3: influences on behavior
- OSHA & EPA Compliance

EST 7125: Legal Aspects of Construction, Engineering and Safety
pe.gatech.edu/est7125 | $295

Jan. 21, 2014 (Atlanta)
Sept. 9, 2014 (Atlanta)

Many times, private sector and governmental personnel from all types of industries are not fully aware of the legal aspects that affect construction, engineering and safety for construction projects that are performed in general industry, commercial and industrial construction.

How You Will Benefit
- Learn licensing, education and qualification requirements for personnel
- Learn the professional engineer’s role in project construction, engineering and safety
- Discover how engineering design affects safety
- Learn the basics of reviewing construction contracts and the AIA contract forms
- Learn the basics of insurance/risk financing methods used in construction
- Discuss the construction process, including schedule, retainage, liquidated damages and safety
- Review OSHA & EPA Compliance
- Discuss employment law and how it affects all areas of project management and labor law
- Earn 0.6 CEUs

What You Will Learn
- Licensing, education and qualification requirements for projects
- The professional engineer’s role in project construction, engineering and safety management
- How engineering design affects safety
- Basics of reviewing construction contracts
- The AIA contract forms
- Basics of insurance/risk financing methods in construction, engineering and safety
- The construction process, including schedule, retainage, liquidated damages and safety
- OSHA, EPA, and employment law issues and compliance

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
Many small businesses and large businesses are required to comply with OSHA’s Process Safety Management of Highly Hazardous and Explosive Chemicals, but do not have the necessary knowledge and experience to perform the most difficult part of the standard - Process Hazard Analysis. The result has been many PSM accidents and catastrophes as a result of insufficient knowledge of the process hazards resulting from incomplete or inaccurate Process Hazard Analysis. Learn how to perform Process Hazard Analysis, the methods that can be used, the team method, planning & facilitation of a PHA, re-validation of Process Hazard Analyses, and more detailed analysis such as safety integrity level (SIL) reviews and layer of protection analysis (LOPA). This course is a team-based course where attendees learn from a real-life case study.

**How You Will Benefit**
- Learn the critical requirement for an effective PHA
- Understand process hazards
- Discover the best PHA methods utilized by the Center for Chemical Process Safety (CCPS)
- Learn process hazard analysis methods
- Discuss leading and coaching of a PHA - team facilitation and recording PHA study results
- Discuss management of change and PHAs
- Explore re-validation of PHA – effective means & methods and results
- Discover the basics of Safety Integrity Level (SIL) reviews and Layers of Protection Analysis (LOPA)
- Discuss Documenting PHAs
- Earn 2.75 CEUs

The CHMM review course provides the environmental professional with the knowledge to comply with health, safety, and environmental guidelines. Environmental programs are vital to our public health and safety. Within that field, the management of hazardous materials requires proven and unquestionable skills and competence. Course completion will prepare participants to sit for the CHMM exam.

**How You Will Benefit**
- Understand the basic concepts of chemistry as they relate to hazardous materials management
- Recognize the basics of health and safety as it applies to the management of hazardous materials
- Gain an introduction to other major environmental regulations that students may encounter in their workplace
- Learn about concepts of environmental management
- Earn 2.45 CEUs

**What You Will Learn**
- Hazardous materials transportation
- Law and legal issues
- Resource Conservation and Recovery Act
- Specific OSHA standards
- Clean Air Act
- Clean Water Act
- Safe Drinking Water Act
- EPCRA, CERCLA, SARA
- Geology/hydrology
- Underground storage tanks
- HAZWOPER
- TSCA
- Bioterrorism and weapons of mass destruction
- Physical sciences - chemistry and physics
- Toxicology and epidemiology
- Respiratory protection
- Confined spaces
- Environmental management systems
- Assessment and decision making
- Environmental program management
- Engineering technology
HAZ 1000: 24-Hour Hazmat Technician-Level Emergency Response Course: Industrial Chemical Spill and Disaster Response
pe.gatech.edu/haz1000 | $610
Dec. 10-12, 2013 (Smyrna, GA) Dec. 9-11, 2014 (Smyrna, GA)
June 10-12, 2014 (Smyrna, GA)

Learn the basic knowledge and techniques required for proactive personnel response to hazardous material spills in an industrial setting and by OSHA for demonstrated competency at the Hazmat Technician Level under 29 CFR 1910.120 (q) (6)(iii).

How You Will Benefit
- Recognize and properly respond to threats that first-responders, industrial emergency-response teams, and environmental professionals may encounter from releases of hazardous materials, chemical spills, fires, explosions, and man-made or natural disasters in an industrial setting
- Implement basic concepts of response plan preparation
- Use the Incident Command System/National Incident Management System to enhance your skills through a simulated spill conducted under realistic conditions
- Complete the course and pass the exam to earn a certificate reflecting demonstrated competency at the 24-Hour Hazmat Technician-Level Emergency Responder
- Earn 2.35 CEUs

What You Will Learn
- OSHA regulations for emergencies
- Natural and man-made disasters
- Hazard analysis and risk management
- Hazardous materials chemistry/toxicology
- Respiratory protection and PPE
- Decontamination
- Exercise debriefings
- Preparing and using safety and response plans
- Emergency medical considerations
- Air sampling and monitoring instrumentation
- Incident command systems
- DOT documentation requirements
- Patching and spill containment
- Full dress-out spill exercises

HAZ 1002: 8-Hour Annual HAZWOPER Refresher
pe.gatech.edu/haz1002 | $245
Sept. 5, 2013 (Smyrna, GA) Mar. 18, 2014 (Smyrna, GA)
Dec. 5, 2013 (Smyrna, GA) June 5, 2014 (Smyrna, GA)
Sept. 4, 2014 (Smyrna, GA) Dec. 4, 2014 (Smyrna, GA)

How You Will Benefit
- Meet your HAZWOPER requirements for annual refresher training
- Explore trends and practices, regularly updates and timely topics
- Earn 0.7 CEUs

What You Will Learn
- Regulatory review and overview of 29 CFR 1910.120
- Site safety and health programs
- Types of safety, health and other hazards that may be present on site
- Hazard communication
- Personal protective equipment
- Medical surveillance, including recognition of symptoms and signs that might indicate overexposure to hazards
- Site safety and health plans
- Emergency response plans
- Training requirements in 29 CFR 1910.120
- Toxicology
- Air sampling and monitoring
- Drum handling
- Decontamination
- Engineering controls
- Work practices used to minimize employee risks due to hazards

Note: Although basic concepts of Hazmat emergency response and hazardous waste cleanup are identified, this clean-up course is oriented toward the mediation community.

HAZ 1004: HAZWOPER Site Operations
pe.gatech.edu/haz1004 | $940
Apr. 14-18, 2014 (Smyrna, GA)

OSHA regulation, 29 CFR 1910.120 and HAZWOPER regulation, 29 CFR 1910.120, require all employees, supervisors and management who are working on a hazardous waste site and may be exposed to hazardous substances, health hazards or safety hazards to receive training before engaging in hazardous waste operations.

General site workers must receive a minimum of 40 hours of instruction off the site and a minimum of three days of actual field experience under the direct supervision of a trained experienced supervisor.

How You Will Benefit
- Suit up in protective equipment, including a self-contained breathing apparatus and totally encapsulated chemical protective suits, and go through drills emphasizing a variety of skills necessary on hazardous waste sites
- A mandatory exam will be given on the last day of the course. A special numbered certificate is issued to those who successfully complete the course and pass the exam.
- Earn 4.0 CEUs

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
The Advanced Hazmat School incorporates two specialist-level courses: Decontamination Specialist and Atmospheric Hazards and Air Sampling Specialist. Upon completion, you receive a certificate reflecting the two specialist-course competencies.

- Earn 3.8 CEUs

**Decontamination Specialist**
One of the greatest challenges facing responders and/or hospital emergency providers is the decontamination of victims. Gain advanced knowledge and techniques in decontamination procedures, concentrating on the special problems inherent in patient decontamination. The course consists of classroom work, two work-up exercises assessing the participants’ preexisting knowledge and experience level, and a full-scale mass-casualty incident.

**Atmospheric Hazards and Air Sampling Specialist**
Gain advanced training for atmospheric hazards, basic sampling considerations and details on the types of instruments most commonly used in Hazmat work. Competently assess atmospheric hazards, select the proper sampling instrument, and properly take and interpret air samples. Participate in various sampling and identification procedures. Sampling exercises require suiting up in Level A chemical protective clothing.

**What You Will Learn**
- Contamination, toxicology and contamination prevention
- Methods of decontamination and measuring effectiveness
- Responsibilities of the decon team
- Technical decontamination
- Patient, pre-hospital and hospital care
- Emergency decontamination
- Technical decon field exercise
- Patient decon field exercise
- Emergency decon field exercise
- Air sampling basic considerations
- Atmospheric hazards
- Instrumentation-detector tubes, combustible gas indicators, oxygen and toxics meters, and photoionization detectors
- Advanced instrumentation
- Strategies and tactics
- Air sampling exercises

**Prerequisite**
Proof of Hazmat Technician training—this course covers new and old topics in more detail than in the Georgia Tech Hazmat Technician Course.

**Clothing and Personal Protective Equipment (PPE)**

**Requirements for All Hazmat Courses**
Students should wear seasonally appropriate clothing when participating in hands-on field exercises related to Hazmat emergency response or cleanup operations. Shorts and T-shirts are recommended for warm weather; jeans and sweatshirts are more appropriate for colder weather. Both should be brought during the winter because Georgia weather is unpredictable.

**Note:** Students are required to provide their own personal protective equipment (hard hat, steel-toed safety shoes or boots and safety glasses). Gloves and breathing apparatus will be furnished. Firefighters and others with SCBAs may bring them, though it is not necessary. If you bring your SCBA, we can arrange for cylinder refills (2216 and 4500 psi).

All students must have a complete physical examination, emphasizing respiratory and cardiac fitness, before attending this course. SCBA and encapsulated suits are used extensively, which may place an excessive strain on the heart and lungs. Appropriate medical forms are provided with your registration confirmation letter.
On-Site Consulting

Free Expertise to Keep Your Team Safe
Georgia Tech Professional Education’s lineup of occupational safety and health courses continues to grow, but our assistance doesn’t stop there.

Our award-winning, confidential safety and health consultation provides expert insight and practical solutions to help Georgia businesses prevent workplace injuries and better protect your team.

Experts with Georgia Tech Research Institute, who are Georgia Tech Professional Education instructors, offer this no-cost service through OSHA’s 21D Consultation Program. Businesses with less than 250 employees and not more than 500 employees corporate wide are eligible to participate.

Our consultation program won the U.S. Department of Labor-OSHA National Consultation Achievement Recognition Award in 2009 and 2011 for these two outcomes:

• Development of a Silica Exposure Matrix for the construction industry
• Promotion of workplace health and safety among teen workers in Georgia, through our Center for Young Worker Safety and Health at Georgia Tech Research Institute (see page 41.)

How It Works
Our on-site consulting helps your business meet OSHA’s requirements, but is separate from enforcement and do not result in penalties or citations. Employers can receive limited assistance (addressing specific processes or areas of concern) or full-service assistance (analyzing an entire facility).

Georgia Tech consultants arm businesses with the information and strategies to decrease injuries, maximize productivity, and protect employees’ safety and health.

We accomplish this by offering these key services:

• Walk-through surveys
• Work practices surveys
• Noise measurements
• Air sampling and analysis
• Evaluations of technical programs
• Safety and health management system development

For more information contact us at:
OSHA 21D Consultation Program
260 14th Street NW
Atlanta, GA 30318
404-407-7431

oshainfo.gatech.edu

Get SHARP
Georgia Tech’s safety and health consultants can help your businesses qualify for SHARP (Safety and Health Achievement Recognition Program), which can exempt your business from general OSHA inspections for one to two years.

To qualify, businesses must have corrected all safety and health hazards identified by Georgia Tech consultants, develop and implement an effective safety and health program. Businesses – with less than 500 employees nationwide – also must have reduced the rate of injuries and lost workday incidents to below your industry’s national average.

Visit oshainfo.gatech.edu for SHARP requirements and more details about how Georgia Tech Professional Education can assist your company.

Our Impact

• Our staff conducted more than 450 visits and training activities in 2013
• Assisted more than 130 different industries
• Identified and controlled over 3,000 workplace hazards
• Educated more than 5,000 participants through our free seminars and interventions
• Saved participating companies more than $5.8 million in potential penalties

oshainfo.gatech.edu
Community Outreach

Susan Harwood Worker Training Grants: Learning and Training Tools
Through its Susan Harwood Training Grant Program, OSHA awards grants to nonprofit organizations on a competitive basis. The grants are awarded nationally to provide training and education programs for employers and employees on the recognition, avoidance, and prevention of safety and health hazards in the workplace.

Current Grant
The Center for Young Worker Safety and Health at Georgia Tech Research Institute is dedicated to equipping young workers, educators, employers and parents with resources to develop a strong culture of workplace safety and health. The Center offers distinct training units, designed to be delivered in either classroom settings or on-site at places of employment.

Each course has been developed to address a specific area of need, such as providing comprehensive safety and health training to young workers, providing outreach training for workers entering the cosmetology or healthcare industries, or assisting employers who must bridge the generational divide to train young workers.

To foster a culture of safety and health that extends beyond the workplace, the Center provides outreach services to the community as well. The Center reaches out to high-risk teens through the U.S. Department of Labor’s YouthBuild Program, and partners with organizations such as “MAGIC Camp” (Mentoring a Girl in Construction) to nurture problem-solving skills and team-oriented attitudes. Staff from the Center are available for Career Days at high schools, and are ready to train young workers as they enter public service programs such as City Year. The Center has worked with the Association of Black Public Health Students at Emory University’s Rollins School of Public Health on National Public Health Week events.

For more information about the Center for Young Worker Safety and Health at Georgia Tech Research Institute, or to schedule classes or outreach activities, visit youngworker.gatech.edu or email youngworker@gtri.gatech.edu.

106,107 Young workers injured on the job in 2011
331 Young workers killed on the job in 2011
6.6 Average number of teens injured on the job per hour
2 Number of times more likely that a worker 24 and under will end up in the ER compared to workers 25 or older
4,000+ Contract hours of training per year
1,800+ Young workers trained per year

Workforce Investment Act (WIA)
The federal Workforce Investment Act (WIA) provides funding for eligible candidates who are unemployed and need training to compete for jobs.

Once you have met with your local Georgia Department of Labor advisor to determine your eligibility and have identified which Georgia Tech professional certificate you wish to pursue, contact our registration office to request a letter of acceptance. You will need to provide that letter to your workforce development advisor for funding approval.

The step-by-step process and more information is available at pe.gatech.edu/wia.

Once funding has been approved, you can register for the courses required to complete the certificate (see pages 14-15 for certificate information). Additional details about our eight professional certificates are available at pe.gatech.edu/safety-certificates.

Working to keep your team safe
Unique Training Opportunities

Georgia Tech Professional Education offers free safety and health seminars as an added benefit to choosing our training and to give back to the industry. The courses fill up fast, so we encourage you to sign up in advance.

How to Register:
We are accepting online registration only at pe.gatech.edu/safety. In the course finder box you will need to enter “Free Seminars”, and then select your course.

One-day Seminars (Held at the GTRI Conference Center in Atlanta)

EST 8002: Special Topics in Occupational Health/ Industrial Hygiene I Sept. 23, 2013
Learn to protect workers who have potential exposure to occupational health hazards in the workplace. Updates will be provided on important OSHA and industrial hygiene related topics. **Earn 0.55 CEUs.**

EST 8001: General Industry Safety and Health Seminar I Sept. 24, 2013
Learn ways to implement OSHA’s safety and health regulations in the workplace. Be introduced to OSHA’s general industry standards and receive an overview of the requirements for some of the key safety issues facing general industry, including the prevention of amputations and exposures to lead and silica. **Earn 0.5 CEUs.**

Increase your knowledge and skills in proper machine safeguarding techniques. Learn about the benefits of guarding various types of machinery. It is the employer’s responsibility to identify and select the safeguards necessary to protect employees and others in the work area, as well as provide appropriate training in safe work practices. Knowing when and how to properly safeguard machinery can reduce or eliminate the potential for accidents and injuries. **Earn 0.4 CEUs.**

EST 8000: Construction Safety and Health Seminar I Sept. 26, 2013
Reduce the number of accidents and comply with OSHA standards. Learn to prevent illnesses and injuries due to falls, electrocutions, trenching accidents, silica, and lead exposure. **Earn 0.5 CEUs.**

OTI 7105: Introduction to Emergency Planning Seminar I Sept. 27, 2013
Learn to protect workers from emergencies in the workplace. This seminar briefly covers issues such as chemical spills, severe weather, fire, workplace violence, and homeland defense. Learn about the plans required by OSHA to deal with these issues. The class will be dedicated to Emergency Action Plans, general site safety, and Emergency Response Plans (ERP). **Earn 0.5 CEUs.**

EST 8003: Ergonomics and the Control Musculoskeletal Disorders I Sept. 27, 2013
Determine if ergonomic hazards exist in your company’s facilities and how to address those hazards. Identify risk factors for upper extremity and back-related issues, which are prominent in the workplace. Get up-to-date information about OSHA’s ergonomics agenda. **Earn 0.35 CEUs.**

Conference

Georgia Safety, Health and Environmental Conference I Sept. 11-13, 2013 (Preconference workshops Sept. 10)
Savannah Marriott Riverfront

Visit Georgia Tech’s Occupational Safety and Health Program booth to:

- Learn about our new safety courses
- Discover how Georgia Tech’s OSHA 21D Consultation Program can help you.
- See how your safety efforts measure up

Go to georgiaconference.org for up-to-date information, including 2014 conference dates, or call Theresa Jackson, Conference Coordinator at 404-463-0736.
Choose from any of our 47 courses for 2013-2014 and let Georgia Tech customize them to fulfill your staff’s safety and health training needs. Learn at your location with this cost-effective solution.

Our customized course option brings Georgia Tech experts directly to your office. Your staff can immediately apply what they learned with your investment in training. Work with our OSHA Training Institute Education Center and you won’t be disappointed. We can tailor any of our courses in the catalog to meet your needs.

We also offer additional on-site training in:

- OTI 5400: Trainer Course for the Maritime Industry
- OTI 5402: Update for Maritime Industry Trainers
- OTI 5600: Disaster Site Worker Train-the-Trainer Course
- OTI 5602: Update For Disaster Site Worker Trainers
- OTI 7005: Public Warehousing and Storage
- OTI 7110: Safe Bolting Principles And Practices
- OTI 7120: Introduction to Combustible Dust Hazards (2 days)
- OTI 7125: Seminar on Combustible Dust Hazards (1 day)
- OTI 7200: Bloodborne Pathogen Exposure Control for Healthcare Facilities
- OTI 7205: Health Hazard Awareness
- OTI 7210: Pandemic Influenza Workplace Preparedness
- OTI 7300: OSHA’s Permit-Required Confined Space Standard
- OTI 7400: Trainer Course in Construction Noise
- OTI 7405: Fall Hazard Awareness for the Construction Industry
- OTI 7410: Managing Excavation Hazards
- OTI 7415: OSHA Construction Industry Requirements Awareness of Major Hazards and Prevention Strategies
- OTI 7510: Introduction to OSHA for Small Business
- OTI 7515: Writing Material Safety Data Sheets (MSDS)
- EST 7120: Introduction to Combustible Dust Hazards

Customized Consulting, Training for Manufacturers

The Georgia Tech OSHA Training Institute Education Center (OTIEC) is joining with the Georgia Manufacturing Extension Partnership (GaMEP) to bring customized safety and health training, education and consulting as well as a host of manufacturing growth services to companies.

With a broad range of expertise in project management, engineering, implementation and more, the GaMEP is a state and federally funded initiative, making it a cost-effective alternative to traditional consulting.

As part of a customized approach, the GaMEP can connect you with the vast resources of Georgia Tech and the state to ensure your organization meets your goals. We save you the travel costs and customize the content to address the issues that you face at your location, while removing any course content that is not pertinent to your employees.
Course Locations*

**Georgia**
1. Atlanta
Georgia Tech Global Learning Center Technology Square
84 Fifth St. N.W.
Atlanta, GA 30308-1031
Courses offered: All OTI and EST courses
2. Savannah, GA
Georgia Tech Savannah
210 Technology Circle
Savannah, GA 31407
Courses offered: OTI 500, OTI 501, OTI 510, OTI 511, OTI 7500, EST 7015, EST 7121
3. Smyrna, GA
Georgia Tech Cobb Facility
7220 Richardson Rd.
Smyrna, GA 30080
Courses offered: All HAZ courses

**Kentucky**
7. Louisville, KY
Ramada Plaza Hotel and Conference Center
9700 Bluegrass Pkwy.
Louisville, KY 40299
Courses offered: OTI 510 and OTI 511

**Mississippi**
8. Biloxi, MS
Treasure Bay Casino and Hotel
1980 Beach Blvd.
Biloxi, MS 39531
Courses offered: OTI 510, OTI 511
9. Jackson, MS
Mississippi Associated Builders & Contractors, Inc.
5165 Old Brandon Rd.
Pearl, MS 39208
Courses offered: OTI 510, OTI 511

**North Carolina**
11. Charlotte, NC
TBD
Check website for details
Courses offered: OTI 510, OTI 511

**South Carolina**
12. Greenville, SC
Greenville Technical College
216 S. Pleasantburg Dr.
Greenville, SC 29607
Courses offered: OTI 510, OTI 511
13. Myrtle Beach, SC
Marina Inn at Grande Dunes
8121 Amalfi Pl.
Myrtle Beach, SC 29572
Courses offered: OTI 510, OTI 511, EST 7015

**Alabama**
4. Birmingham, AL
3525 Richard Arrington Blvd. N.
Birmingham, AL 35234
Courses offered: OTI 511
5. Mobile, AL
Hampton Inn & Suites Downtown Mobile Historic District
62 S. Royal St.
Mobile, AL 36602
Courses offered: OTI 510, OTI 511

**Florida**
6. Destin, FL
Sandestin Golf and Beach Resort
9300 Emerald Coast Pkwy. West
Destin, FL 32550
Courses offered: OTI 510, OTI 511

**Tennessee**
10. Chattanooga, TN
Chattanooga State Community College Center for Business, Industry and Health
4501 Amnicola Hwy.
Chattanooga, TN 37406
Courses offered: OTI 510, 511

*Course locations subject to change.*
Facility Maps and Directions

Georgia Tech Global Learning Center
Atlanta

Driving Directions
The Georgia Tech Global Learning Center is located at 84 Fifth St. From the Hartsfield-Jackson Atlanta International Airport or the south Atlanta area, take Interstate 85/75 north to the Spring/West Peachtree streets exit (Number 249D). Stay in the left lane as you exit onto Linden Avenue. Continue straight for 0.1 mile on Linden Avenue and turn left onto West Peachtree Street. Travel 0.3 mile and turn left onto Fifth Street. Go one block and turn left onto Spring Street (Barnes & Noble at Georgia Tech Bookstore will be on your left and the Georgia Tech Hotel on your right). Proceed a half block and turn right at the next light into the parking deck. Park in the deck and enter the Georgia Tech Global Learning Center on the second level (blue level).

Cobb County Research Facility
Smyrna, GA

Driving Directions from South of the Facility
• Take I-75 North to the Windy Hill Road exit (first exit after I-285 interchange, Number 249).• Turn left onto Windy Hill Road.
• Refer to the rest of the directions below starting at the arrow (►).

Driving Directions from North of the Facility
• Take I-75 South to Exit 260 (Windy Hill Road exit) toward Smyrna and turn right onto Windy Hill Road.
• Cross Cobb Parkway, then turn right onto Atlanta Road.
• Travel about 0.9 miles to Lockheed Martin. Turn right and proceed to George McMillan Drive (first traffic light).
• Turn left and travel about 0.4 miles to a stop sign near the Naval Air Station Gate.
• Proceed straight for 0.3 miles on Richardson Road.
• The facility will be on the right; travel through the gate and around the end of the lake. Building 1 is on the left.

Georgia Tech—Savannah

Driving Directions
• Take I-95 North to Exit 106 (Jimmy Deloach Parkway) and turn right.
• At first traffic light, turn left onto Crossroads Parkway.
• At stop sign, turn left onto Technology Circle.
Registration and General Information

Two Easy Ways to Register
Online: pe.gatech.edu/safety
Phone: 404-385-3501
9 a.m.-4 p.m., Monday-Friday EST

Course Fees
The course fee includes all necessary classroom materials, OTI, EST, HAZ attendance certificates, applicable course tour and applicable course I.D. card. Georgia Tech Professional Education accepts checks made payable to Georgia Tech, and VISA, MasterCard, American Express or Discover cards. Many courses have limited enrollment and fill quickly. Register early to ensure your place. Remit payment no later than 10 days prior to the course start date. Advance payment is required to guarantee your place.

Parking Info
Attendees are responsible for parking fees. For Atlanta courses, attendees can purchase a parking pass during registration for the Technology Square parking deck attached to the Georgia Tech Global Learning Center.

Course Requirements
Copies of applicable standards (29 CFR 1926 or 29 CFR 1910), if purchased from Georgia Tech, must be preordered at the time of registration, or at least 10 days prior to course start date for the following courses: OTI 500, 501, 502, 503, 510, 511, 521, 6000 and EST 7007.

Continuing Education Units
Each participant completing the courses successfully will earn CEUs. This program meets the criteria for the nationally accepted CEU.

Outreach Trainer Program
Georgia Tech’s OTI Education Center provides an online resource for Outreach Trainers seeking to report training classes and request student cards. Visit oshainfo.gatech.edu for additional up-to-date information, documents and forms.

If you have questions, contact Karen Bartley at karen.bartley@gtri.gatech.edu.

Certification/Maintenance Points
• ABIH has previously awarded CM (Certification Maintenance) credit for OTI Education Center courses. ABIH has indicated that if a Certified Industrial Hygienist (CIH) attends an OTI Education Center course, they are able to calculate the CM credit. Please visit abih.org/maintain-certification/cm-credit-education-events.
• Georgia Tech Hazmat courses have been approved for Georgia Peace Officer Standards and Training Credit (Georgia P.O.S.T. Credit).
• CEUs may be offered by other associations (inquire directly with those groups). Check with your credentialing organization to determine if our courses are accepted.

Georgia Tech Professional Education’s OSHA courses are approved by the HR Certification Institute (HRCI), an internationally recognized organization with more than 115,000 professionals, demonstrating our commitment to helping you advance in your career.

Georgia Tech Professional Education
Cancellation Policy
Georgia Tech Professional Education reserves the right to substitute instructors, change course dates and locations, or cancel a course due to insufficient enrollment or unforeseen events. If Georgia Tech Professional Education must cancel a course, participants will be notified via email or phone and will be given the option for a full refund or to transfer their registration to another course. Georgia Tech Professional Education is not responsible for airline refunds or fees, hotel and rental car deposits, nor any other expenses incurred.

Registration Change Policy
If you change your registration 10 or more business days prior to the course start date, you may choose one of the following:
• Substitute a person
• Transfer to another course
• Receive a full refund

If you change your registration less than 10 business days prior to the start date, you may choose to substitute a person.
• Transferring to another course or receiving a refund will, in general, not be allowed
• In extenuating circumstances, exceptions may be granted by the course instructor-of-record with the concurrence of Georgia Tech Professional Education management

Registration Change Policy: Online Courses
If you must cancel your registration and have not yet received your login instructions or have not logged in to access course material, you may choose to:
• Transfer to another course; or
• Receive a full refund.

If you have received your login instructions or have logged in to access course material, no transfers or refunds are available.

Download the Registration Change Form at pe.gatech.edu/policies and submit by:
Email: peregistration@gatech.edu
Fax: 404-894-8925

Transcript Requests
To request a Georgia Tech Professional Education Transcript, fill out the form at pe.gatech.edu/transcript.

Discount Policies
For all OSHA Training and Safety courses, a 10 percent discount is available for three or more people from the same organization attending the same course. To receive the discount, registrations must be submitted together.

For all Hazardous Materials (Hazmat) courses, industrial students can qualify for a 10 percent per-person discount for more than three participants for any given course. Georgia Volunteer Fire Department Members and Georgia Public Emergency Response Personnel (fire departments, law enforcement, emergency management agencies and emergency medical services) qualify for a 25 percent discount. You must represent the agency for which you work, not a private enterprise, while attending the course. Volunteers must represent the department, not the industrial concern that is their primary source of income.

For more information or to register, visit pe.gatech.edu/safety or call 404-385-3501.
GEORGIA TECH RESEARCH INSTITUTE (GTRI) is the applied research and development arm of the Georgia Institute of Technology, one of the world’s top-ranked research universities. GTRI employs more than 1,700 scientists, engineers and other professionals, and is the largest employer of Georgia Tech students. Together they help solve the most difficult problems facing government and industry across the nation and around the globe.

Established at GTRI in 1992, the OSHA Training Institute Education Center offers more than 30 courses designed and developed by OSHA. Each year over 2,000 participants take OSHA courses through GTRI on a variety of topics including hazardous materials, emergency response, occupational ergonomics, industrial hygiene, machine safeguarding and more.

Problem. Solved.
gtri.gatech.edu
Occupational Safety and Health Training

Inside:

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26 Instructors
47 Courses (8 new courses!)
176 Course Dates

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