

Occupational Safety and Health Training

2019-2020



Georgia Tech

An Authorized



**Training Institute
Education Center®**



Your OSHA Training Institute Education Center

Georgia Tech's OSHA Training Institute Education Center (OTIEC) recently celebrated 25 years of providing occupational safety and health training throughout the Southeastern U.S. and beyond. Our instructors establish long-lasting professional relationships with the learners in our program, and they become a part of the Georgia Tech family.

After 25 years, our mission remains the same: provide relevant and effective training based on the needs of the occupational safety and health industry.

Georgia Tech remains one of the first four OSHA Training Institute Education Centers established by the U.S. Department of Labor's Occupational Safety and Health Administration (OSHA) in 1992. These centers provide OSHA-approved and related safety and health courses that align with industry-specific training methods and standards that position occupational safety and health professionals for successful careers. We offer training courses that fit into your busy schedule, from on-site, cost-effective training options, delivered by expert staff, to a Professional Master's in Occupational Safety and Health (Online) degree. Our goal is to assist you with occupational safety and health and related training that meets the needs of a working professional.

We have 11 professional certificates, with the Premier Occupational Safety and Health Certificate standing as the pinnacle

to help you accomplish your professional or personal safety goals. If you are looking for a more in-depth and pioneering academic occupational safety and health program, then the Professional Master's in Occupational Safety and Health (Online) program is perfect for you. We've answered an industry call with this program by driving to fill a 60% increase in demand for jobs with a master's degree in the U.S. and a 65% increase in Georgia.* (You can learn more about this program on page 39.)

Whether you're renewing your Authorized Outreach Trainer card, advancing your career with a certificate or a master's degree, working with us to customize courses, or consult on your current safety and health needs, Georgia Tech will deliver valuable knowledge to help you keep your workplace safer.

I look forward to seeing you in one of our courses soon!



Myrtle I. Turner Harris
Ph.D., MPH, CET

*Director of Safety Health and Environmental Services
Director of the Georgia Tech OSHA Education Center
Georgia Tech Enterprise Innovation Institute*

*Burning Glass/Labor Insights Job Posting Data



CONTENTS

The OSHA Impact	4
Instructors	5
The Georgia Tech Advantage	6
Learn On-Site/GaMEP Partnership	7



Occupational Safety and Health Courses

OSHA 510: Occupational Safety and Health Standards for Construction Industry.....	8
OSHA 500: Trainer Course in Occupational Safety and Health Standards for Construction Industry.....	9
OSHA 502: Update for Construction Industry Outreach Trainers.....	9
OSHA 511: Occupational Safety and Health Standards for General Industry ...	10
OSHA 501: Trainer Course in Occupational Safety and Health Standards for General Industry.....	10
OSHA 503: Update for General Industry Outreach Trainers.....	11
OSHA 521: OSHA Guide to Industrial Hygiene.....	11
OSHA 2015: Hazardous Materials.....	11
OSHA 2045: Machinery and Machine Guarding Standards.....	12
OSHA 2055: Cranes for Construction.....	12
OSHA 2225: Respiratory Protection.....	12
OSHA 2255: Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders.....	13
OSHA 2264: Permit-Required Confined Space Entry.....	13
OSHA 3015: Excavation, Trenching, and Soil Mechanics.....	14
OSHA 3095: Electrical Standards.....	14
OSHA 3115: Fall Protection.....	15
OSHA 5410: Safety and Health Standards for the Maritime Industry.....	15
OSHA 6005: Collateral Duty for Other Federal Agencies.....	15
OSHA 7115: Lockout Tagout.....	16
OSHA 7225: Transitioning to Safer Chemicals.....	16
OSHA 7500: Introduction to Safety and Health Management.....	16
OSHA 7505: Introduction to Incident (Accident) Investigation.....	17
OSHA 7845: OSHA Recordkeeping Rule Seminar.....	17



Related Courses

DEF 4504: Introduction to Human Systems Integration.....	18
EST 6000: Managing Environmental Compliance.....	19
EST 7000: Scaffolding Safety.....	19
EST 7001: Advanced Safety Management.....	19
EST 7003: Instructional Techniques for Occupational Safety, Health, and Environmental Professionals.....	20
EST 7005: NFPA 70E: Standard for Electrical Safety in the Workplace.....	21
EST 7006: Certified Hazardous Material Management (CHMM) Review.....	21
EST 7007: Construction Health and Safety Technician (CHST) Certification Exam Study Session.....	21

EST 7008: Introduction to Noise Evaluation and Control.....	22
EST 7009: Air Sampling Fundamentals for the Workplace.....	22
EST 7010: Process Safety Management of Highly Hazardous and Explosive Chemicals.....	22
EST 7013: Power Transmission and Distribution.....	23
EST 7015: Value-Added Safety: Combining Lean Enterprise and Safety Management.....	23
Culture of Safety	24-25
EST 7018: Trainer Course: Electrical Safety Standard for the Workplace, NFPA 70E.....	26
EST 7122: Introduction to Safety and Health Management (Online).....	26
EST 7123: Introduction to Incident (Accident) Investigation (Online).....	26
EST 7124: Human Performance: Understanding Human Error.....	27
EST 7125: Managing Legal Issues in General Industry, Construction, Engineering, and Safety.....	27
EST 7126: Process Safety Management – Process Hazard Analysis.....	28
EST 7127: Modern Theories in Accident Causation.....	28
EST 7128: Process Safety Management – Mechanical Integrity.....	28
EST 7129: Advanced Process Safety Management – PSM II.....	29
EST 7130: Process Safety Management – PSM Auditing.....	30
EST 7132: OSHA Silica Standard: Gaining the Skills and Capabilities to Comply.....	31
EST 7134: Human Performance II – Implementation.....	31
EST 7135: PSM I for Ammonia Systems.....	32
EST 7136: API RP 1173 – Pipeline Safety Management Systems.....	33
EST 7137: Occupational Hygiene and Safety Technician (OHST) Certification Exam Study Workshop.....	33
EST 7139: Foundations of Leadership for Safety Excellence.....	34
Free Consultation Program	35



Hazardous Materials

HAZ 1000: 24-Hour Hazmat Technician.....	36
HAZ 1002: HAZWOPER Annual Refresher.....	37
HAZ 1004: HAZWOPER Site Operations.....	37
HAZ 1006: Advanced Hazmat School.....	37
HAZ 7022: Permit-Required Confined Space Entry and Rescue Level 2.....	38

Professional Master’s in Occupational Safety and Health (Online)	39
Unique Training Opportunities	41
Facility Maps and Directions	42
Course Locations	43
Frequently Asked Questions	45
Track Your Certificate Progress	46
How to Register	49
Course Calendar	50



The OSHA Impact



As the founder and CEO of a construction management firm in Atlanta, Georgia, and the director of marketing for a safety clothing line that caters to women in the trades, Meloni Boatwain understands the importance of how professional development and training can pave a path to advancing her career in the male-dominated field of occupational safety and health (OSH). Meloni shares her perspective on being a female safety and health professional and how Georgia Tech OSHA training has helped her become a better employer, contractor, and worker.

How long have you been working in the OSH field? Can you describe your experience? I have been in the OSH field for 15 years. I began my career in the construction industry as a carpenter working for my father. Through this position, I learned the value of safety. My father was dedicated to providing a safe working environment for his workers. After college, I became a project manager for a large residential firm in New York City, leading its construction safety planning. Looking for a change, I was offered a position in Atlanta, Georgia, working as a project manager for new subdivisions in the metro area. Because of my safety background, I was asked to lead the company's safety and health initiative and train the field crews on safe work practices. With dreams of running my own construction management firm, I obtained my Master of Business Administration with a concentration in construction management and started my own firm.

Why did you decide to choose Georgia Tech OSHA Training Institute Education Center (OTIEC) for your OSH training needs? Once I moved to Georgia from New York, I knew I wanted to attend classes at Georgia Tech to further my construction management and safety career. Georgia Tech has one of the nation's leading safety and health programs. It is also a leader in construction education.

What have you found most valuable about the training you have received at the Georgia Tech (OTIEC)? In my construction outreach trainer class, I was one of three women in attendance. This is very reminiscent of what women may experience on a job site. However, the instructor of the class was a woman that I had also taken safety classes with before, and I knew that she was a great instructor. I found value in the breadth of knowledge and expertise that she had in construction safety. I aspire to know the OSHA standards as thoroughly as she does. I plan to continue taking safety training courses as a refresher each year and hope to earn a Safety and Health Certification within the next two years.

What are some of the issues that you think female safety and health professionals face? There aren't many female safety professionals in the construction industry — in fact, there aren't many females in the OSH industry at all. Only 9% of U.S. construction workers are women. The lack of representation is one of the biggest issues. As a female safety professional, we need to identify job safety hazards specific to the demographics of the workers and the job sites. We need to ensure that we raise these concerns to the company owners and hold them accountable to make sure they adhere to OSHA standards across the board. The construction industry is evolving, and companies are charged with staying ahead of these changes to attract and retain the skilled labor needed to complete their jobs. As the industry shifts and more women are encouraged to enter the trades, companies will no longer be able to ignore these gender disparities.

To what extent do you think OSHA training has helped you meet your career goals? The construction industry will not thrive unless we put safety first. The training at Georgia Tech OTIEC has really catapulted my career in construction and safety management. It has helped me become a better employer, contractor, and worker. When you lead with safety, you understand how working any other way affects the true bottom line. Every company needs to protect its most sacred commodity — its employees. In the next five years, I would like to hire more staff and get them trained and certified through Georgia Tech to lead the firm's projects.



Instructors

For more than 30 years, Georgia Tech Professional Education's expert instructors have helped keep companies accident-free and workers safe and healthy. The world-class faculty and industry leaders at Georgia Tech also work as consultants for companies, industry, and government.

Acquire in-depth expertise by learning from our expert Georgia Tech instructors.



Dana Atkinson
CSP, MBA



Melissa Black



Neely Bridges
MISE



Steve Davis



Thomas Dean
CSP, MSM



Pamela Fisher
CSHM, CHST



Bill Foster



Philip Greisen
CET, CHST



Charlotte Grove
CET, CIT



Myrtle I. Turner Harris
Ph.D., MPH, CET



Bob Hendry



Jenny Houlroyd
CIH, MSPH



Mike McCarroll
CSP



Jonas Motiejunas



Tomas Motiejunas



Damon C. Nix
CSP



Steve Owen
CET



Paige Rohrig
CSP



Shannon Ross
CSP



Paul Schlumper
PE, CSP



Rachel Schneider



Dan Sheffer
PE



Hilarie Warren
CIH, MPH

Instructors not pictured: Vicki Hanrahan Ainslie, Bryan Black, Ph.D., Kevin Kamperman, MSPH, Bill Warner, CSP



The Georgia Tech Advantage



Offering Multiple Ways to Learn

Georgia Tech is a global leader in scientific and technological research and education. When you train with Georgia Tech, you are learning from a world-renowned research institution and the seventh-ranked public university in the country. Our training is highly regarded by employers and industries.

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

Choose the most cost-effective option for you and your employees. We also 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 11 sites in the Southeast offer flexibility and convenient access to our knowledgeable instructors (see page 43).



Train at Your Location

Be budget conscious and keep employees close to home. Our customized courses can meet your staff's specific needs.



Learn Online

Gain access to our training on your own schedule — at work, at 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.



Apply for Funding

The federal Workforce Innovation Opportunity Act provides funding for eligible candidates who are unemployed and need training to compete for jobs. The step-by-step process and more information is available at pe.gatech.edu/wia.



Learn On-Site

Customized Consulting and Training for Your Safety and Health Needs

Georgia Tech OSHA Training Institute Education Center (OTIEC) can optimize your training budget for a greater return on your investment. Conducting a cost-benefit analysis can show how to leverage your training budget for the greatest impact across your organization. Safety is not a commodity to be sold, traded, or held in reserve. Safety is a science. Safety is an art. Safety is about managing human capital to reduce risk and to maximize productivity. Training is an investment in your people and your firm. Training budgets should be managed like any other capital investment, with an eye toward the return on investment. Training courses should not be viewed as discrete events, but as an opportunity to develop human capital across your organization. Instead of empowering one individual, empower your organization to make positive change. Choose from any of our 2019-2020 courses, in addition to the 25 listed below, 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.

We offer the following on-site training:

- OSHA 5400:** Trainer Course in Occupational Safety and Health Standards for the Maritime Industry
- OSHA 5402:** Update for Maritime Industry Trainers
- OSHA 5600:** Disaster Site Worker Train-the-Trainer Course
- OSHA 5602:** Update for Disaster Site Worker Trainers
- OSHA 7005:** Public Warehousing and Storage
- OSHA 7110:** Safe Bolting Principles and Practices
- OSHA 7120:** Introduction to Combustible Dust Hazards (2 days)
- OSHA 7125:** Seminar on Combustible Dust Hazards (1 day)
- OSHA 7200:** Bloodborne Pathogen Exposure Plan for Healthcare Facilities
- OSHA 7205:** Health Hazard Awareness
- OSHA 7210:** Pandemic Influenza Workplace Preparedness
- OSHA 7400:** Trainer Course in Construction Noise
- OSHA 7410:** Managing Excavation Hazards
- OSHA 7415:** OSHA Construction Industry Requirements Awareness of Major Hazards and Prevention Strategies
- OSHA 7510:** Introduction to OSHA for Small Business
- OSHA 7515:** Writing Material Safety Data Sheets (MSDS)
- EST 7007:** Construction Health and Safety Technician (CHST) Certification Exam Study Session
- EST 7012:** Topics in Occupational Health Management
- EST 7016:** OSHA Voluntary Protection Program (VPP): Protect Employees Beyond OSHA Standards and Attain VPP
- EST 7019:** Globally Harmonized Hazard Communication Standard (GHS)
- EST 7020:** Electrical Transmission and Distribution: 10-Hour Construction Safety and Health
- EST 7023:** Overhead Crane and Rigging
- EST 7120:** Introduction to Combustible Dust Hazards
- EST 7131:** Process Safety Management – Executive Level Overview
- EST 7140:** **(NEW)** Hexavalent Chromium: Managing Exposure and Cleanup

Interested in more information about consulting and customizing a safety and health course for your company? Contact Dana Atkinson at dana.atkinson@innovate.gatech.edu or **404.894.4115**.



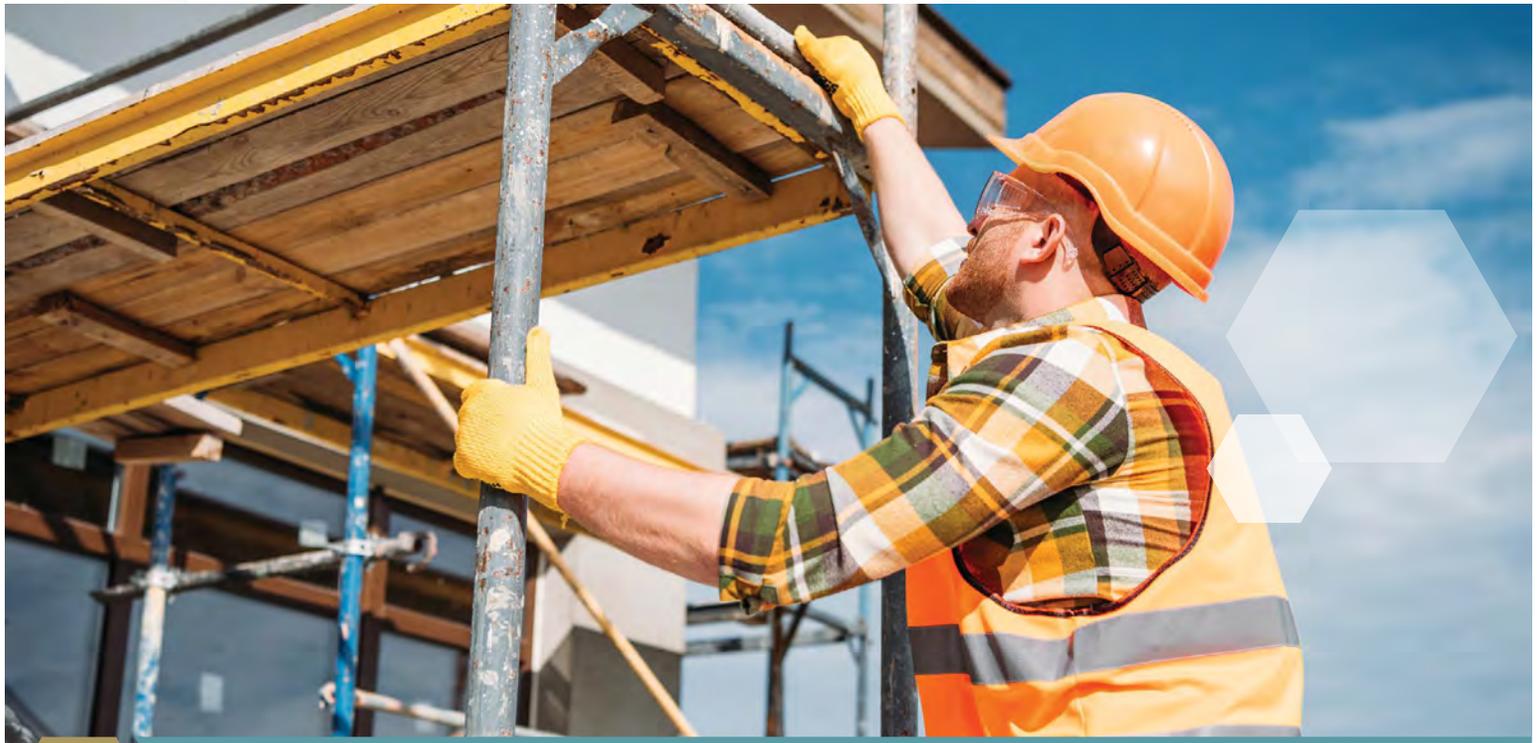
Customized Consulting, Training for Manufacturers

Georgia Tech's OTIEC is collaborating 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 process improvement, ISO management systems, energy, sustainability, and top-line growth, the GaMEP is a state and federally funded initiative that provides training and implementation to Georgia manufacturers.

As part of a customized approach, the GaMEP can connect you with the vast resources of Georgia Tech and the state to ensure that 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.

Would you like more information about the GaMEP? Contact Katie Takacs at katie.takacs@innovate.gatech.edu.



Occupational Safety and Health Courses

Trainer Series

OSHA 510

\$875

Earn 2.6 CEUs

Sept. 17-20, 2019 (Louisville)

Sept. 30-Oct. 4, 2019 (Atlanta)

Nov. 5-8, 2019 (Asheville)

Dec. 2-6, 2019 (Atlanta)

Dec. 10-13, 2019 (Mobile)

Jan. 28-31, 2020 (Savannah)

Feb. 24-28, 2020 (Atlanta)

Mar. 17-20, 2020 (Greenville)

Apr. 20-24, 2020 (Atlanta)

May 5-8, 2020 (Savannah)

May 12-15, 2020 (Nashville)

June 1-5, 2020 (Atlanta)

Aug. 3-7, 2020 (Atlanta)

Aug. 11-13, 2020 (Orange Beach)

Sept. 28-Oct. 2, 2020 (Atlanta)

Nov. 10-13, 2020 (Asheville)

Nov. 30-Dec. 4, 2020 (Atlanta)

Dec. 8-11, 2020 (Mobile)

Occupational Safety and Health Standards for Construction Industry

pe.gatech.edu/osha510 | 29 CFR 1926 \$40 (Required)

Familiarize yourself with OSHA safety and health standards for the construction industry, along with related industry principles. Using OSHA standards as a guide, you'll get a special look at the more hazardous areas. This course is a prerequisite to **OTI 0500P - OSHA 500 Trainer Course in Occupational Safety and Health Standards for Construction Industry**.

What You Will Learn

- OSHA safety and health standards for the construction industry
- Principles of safety and health for the construction industry
- Hazard standards

Outreach Training Program

The OSHA Outreach Training Program is a voluntary program through which OSHA authorizes trainers to teach occupational safety and health hazard recognition and prevention in an effort to promote workplace safety and health. Completion of a Trainer Series course authorizes the trainer to conduct 10- and 30-hour outreach classes in accordance with Outreach Training Program requirements.

Trainer Series

OSHA 500

\$875

Earn 2.6 CEUs

Sept. 24-27, 2019 (Greenville)

Oct. 28-Nov. 1, 2019 (Atlanta)

Dec. 9-13, 2019 (Atlanta)

Feb. 3-7, 2020 (Atlanta)

Mar. 3-6, 2020 (Savannah)

Apr. 27-May 1, 2020 (Atlanta)

May 19-22, 2020 (Mobile)

June 15-19, 2020 (Atlanta)

Aug. 17-21, 2020 (Atlanta)

Sept. 22-25, 2020 (Greenville)

Oct. 26-30, 2020 (Atlanta)

Dec. 7-11, 2020 (Atlanta)

Trainer Course in Occupational Safety and Health Standards for Construction Industry

pe.gatech.edu/osha500 | 29 CFR 1926 \$40 (Required)

Learn how to become a construction outreach trainer capable of teaching both 10- and 30-hour construction industry courses. You'll absorb practical training techniques with a special emphasis on the most hazardous areas in construction. This course is for both private- and public-sector workers who want to create safety and health programs in construction.

Prerequisites

Participants are required to have:

1. Five years of construction safety experience (a college degree in occupational safety and health, or a Certified Safety Professional (CSP) or Certified Industrial Hygienist (CIH) designation, may be substituted for two years of experience).
2. Successful completion of the OSHA 510 course.
3. Application approval from the Georgia Tech OTIEC administrative office.

What You Will Learn

- OSHA safety and health standards for construction as well as policies and procedures
- Common violations of these standards
- How to do internal training on OSHA regulations and recordkeeping

Trainer Series

OSHA 502

\$640

Earn 1.8 CEUs

Oct. 1-3, 2019 (Atlanta)

Jan. 7-9, 2020 (Atlanta)

Mar. 31-Apr. 2, 2020 (Atlanta)

June 9-11, 2020 (Atlanta)

July 7-9, 2020 (Savannah)

Sept. 29-Oct. 1, 2020 (Atlanta)

Update for Construction Industry Outreach Trainers

pe.gatech.edu/osha502 | 29 CFR 1926 \$40 (Required)

Learn the latest OSHA standards for the most common hazards and violations in order to maintain your trainer status for the construction industry. Remember, construction industry voluntary compliance outreach trainers must take this course every four years. If your OSHA construction industry trainer card has expired, you must retake the OSHA 500 course and exam.

Prerequisite

Participants are required to complete the OSHA 500 or OSHA 502 course and their trainer cards must be in current status.

What You Will Learn

- Updates for OSHA procedures, standards, and inspection policy
- Training techniques
- Health and safety program management



General Industry Courses

Trainer Series

OSHA 511 \$875

Earn 2.6 CEUs

- Sept. 10-13, 2019 (Louisville)
- Sept. 30-Oct. 4, 2019 (Atlanta)
- Nov. 5-8, 2019 (Asheville)
- Dec. 2-6, 2019 (Atlanta)
- Dec. 10-13, 2019 (Mobile)
- Jan. 28-31, 2020 (Savannah)
- Feb. 24-28, 2020 (Atlanta)
- Mar. 10-13, 2020 (Greenville)
- Apr. 14-17, 2020 (Nashville)
- Apr. 20-24, 2020 (Atlanta)

Occupational Safety and Health Standards for General Industry

pe.gatech.edu/osha511 | 29 CFR 1910 \$40 (Required)

Become familiar with OSHA general industry safety and health standards along with general industry safety and health principles. You'll get a special focus on the most hazardous areas. This course is a prerequisite to **OSHA 501: Trainer Course in Occupational Safety and Health Standards for General Industry**.

What You Will Learn

- OSHA safety and health standards for the general industry
- Principles of safety and health for the general industry
- Hazard standards

- | | | |
|--------------------------|---------------------------------|--------------------------------|
| May 5-8, 2020 (Savannah) | Aug. 11-13, 2020 (Orange Beach) | Nov. 30-Dec. 4, 2020 (Atlanta) |
| June 1-5, 2020 (Atlanta) | Sept. 28-Oct. 2, 2020 (Atlanta) | Dec. 8-11, 2020 (Mobile) |
| Aug. 3-7, 2020 (Atlanta) | Nov. 10-13, 2020 (Asheville) | |

Trainer Series

OSHA 501 \$875

Earn 2.6 CEUs

- Sept. 17-20, 2019 (Greenville)
- Oct. 28-Nov. 1, 2019 (Atlanta)
- Dec. 9-13, 2019 (Atlanta)
- Feb. 3-7, 2020 (Atlanta)
- Mar. 3-6, 2020 (Savannah)
- Apr. 27-May 1, 2020 (Atlanta)
- May 19-22, 2020 (Mobile)
- June 15-19, 2020 (Atlanta)
- Aug. 17-21, 2020 (Atlanta)
- Sept. 15-18, 2020 (Greenville)
- Oct. 26-30, 2020 (Atlanta)
- Dec. 7-11, 2020 (Atlanta)

Trainer Course in Occupational Safety and Health Standards for General Industry

pe.gatech.edu/osha501 | 29 CFR 1910 \$40 (Required)

Learn how to become an outreach trainer capable of teaching both 10- and 30-hour general industry courses. You'll understand your rights and responsibilities under the OSHA Act and be able to carry out the OSHA provisions provided by several instructors from different industries in both the private and public sectors.

Prerequisites

Participants are required to have:

1. Five years of general industry safety experience (a college degree in occupational safety and health, or a Certified Safety Professional (CSP) or Certified Industrial Hygienist (CIH) designation, may be substituted for two years of experience).
2. Successful completion of the OSHA 511 course.
3. Application approval from the Georgia Tech OTIEC administrative office.

What You Will Learn

- OSHA safety and health standards for general industry as well as policies and procedures
- How to do internal training on OSHA regulations and recordkeeping
- Common violations of these standards

Trainer Series**OSHA 503**
\$640

Earn 1.8 CEUs

Oct. 1-3, 2019 (Atlanta)

Jan. 7-9, 2020 (Atlanta)

Mar. 31-Apr. 2, 2020 (Atlanta)

June 9-11, 2020 (Atlanta)

July 7-9, 2020 (Savannah)

Sept. 29-Oct. 1, 2020 (Atlanta)

Update for General Industry Outreach Trainerspe.gatech.edu/osha503 | 29 CFR 1910 \$40 (Required)

Learn the latest OSHA standards for the most common hazards and violations in order to maintain your trainer status for general industry. Remember, general industry voluntary compliance outreach trainers must take this course every four years. If your OSHA general industry trainer card has expired, you must retake the OSHA 501 course and exam.

Prerequisite

Participants are required to complete the OSHA 501 or OSHA 503 course and their trainer card must be in current status.

What You Will Learn

- Updates for OSHA procedures, standards, and inspection policy
- Training techniques
- Health and safety program management

OSHA 521
\$875

Earn 2.7 CEUs

Nov. 4-8, 2019 (Atlanta)

Mar. 16-20, 2020 (Atlanta)

July 20-24, 2020 (Atlanta)

Aug. 25-28, 2020 (Savannah)

Nov. 2-6, 2020 (Atlanta)

OSHA Guide to Industrial Hygienepe.gatech.edu/osha521 | 29 CFR 1910 \$40 (Required)

Understand industrial hygiene practices along with OSHA regulations and procedures. You'll learn about OSHA health standards, respiratory protection, exposure limits, engineering controls, hazard communication, hearing protections, and other related topics. You'll practice using scenarios to describe the hazards present and decide which OSHA standards apply.

What You Will Learn

- OSHA regulations and procedures regarding industrial hygiene
- Exposure limits and hazard communication
- Strategies to control hazards in the workplace
- Hearing and respiratory protection
- Permissible exposure limits

OSHA 2015
\$875

Earn 2.6 CEUs

Mar. 2-6, 2020 (Atlanta)

Aug. 10-14, 2020 (Atlanta)

Hazardous Materialspe.gatech.edu/osha2015

Fine-tune your understanding of standards covering hazardous materials, including those from OSHA, along with other proprietary and consensus standards in our **OSHA 2015: Hazardous Materials** course.

What You Will Learn

- Standards governing flammable, combustible, and cryogenic liquids
- Standards governing electrical equipment, spraying and dipping, welding, hazardous waste, and emergency response
- Standards governing compressed and LP gases
- Process safety management

OSHA 2045

\$875

Earn 2.6 CEUs

Nov. 11-14, 2019 (Savannah)

Apr. 27-May 1, 2020 (Atlanta)

Aug. 3-7, 2020 (Atlanta)

Nov. 9-12, 2020 (Savannah)

Machinery and Machine Guarding Standards

pe.gatech.edu/osha2045

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. The course includes hands-on training and a field trip.

Personal Protective Equipment Requirements

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

What You Will Learn

- Hazards and standards workshop
- Guarding and devices
- Control of hazardous energy sources (lockout/tagout)
- Machinery and machine guarding

OSHA 2055

\$795

Earn 2.15 CEUs

Sept. 17-19, 2019 (Atlanta)

Mar. 17-19, 2020 (Savannah)

Sept. 15-17, 2020 (Atlanta)

Cranes for Construction

pe.gatech.edu/osha2055

Gain an in-depth overview of OSHA requirements for cranes and improve your ability to manage cranes in construction as part of our Cranes for Construction course. In many cases, the construction standards have application in a general industry setting. You'll walk away knowing how to become a crane signal person and how to determine if employees meet the requirements of a qualified rigger.

What You Will Learn

- Types of cranes, how they work, best practices, types of hazards, and accidents
- OSHA standards, directives, and enforcement for crane operations
- Qualifications for qualified riggers and signal persons
- Requirements for ensuring operators are qualified/certified
- Crane inspection requirements and power line safety requirements

OSHA 2225

\$790

Earn 2.6 CEUs

Sept. 10-13, 2019 (Atlanta)

Feb. 11-14, 2020 (Atlanta)

Sept. 15-18, 2020 (Atlanta)

Respiratory Protection

pe.gatech.edu/osha2225

Learn how to create, maintain, and monitor a respiratory protection program. This course will give you hands-on training with a variety of respirators and support equipment. The topics in this course are a good complement to and run during the same week as **EST 7009P - Air Sampling Fundamentals for the Workplace**, so registrants may attend both.

Medical Approval Requirement

Medical approval to wear a half-mask, air-purifying respirator is required. All attendees are required to submit a completed Medical Eligibility Form, which can be found at pe.gatech.edu/osha2225.

What You Will Learn

- Respirator use, selection, and fit testing, as well as care and maintenance
- OSHA and ANSI standards, NIOSH certifications
- Medical evaluations
- Supplied air respirators and self-contained breathing apparatus
- Confined space entry
- Terminology and recordkeeping



OSHA 2255
\$790
Earn 2.0 CEUs

Jan. 7-10, 2020 (Savannah)
July 28-31, 2020 (Atlanta)

Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders

pe.gatech.edu/osha2255

Find out how to have a healthier workplace by using ergonomic principles to reduce the stress and strain on your employees' bodies. You'll learn how to help prevent musculoskeletal and nerve disorders that can occur when you conduct analyses of videotaped job sites. You will also learn to develop effective control strategies.

What You Will Learn

- Job physiology, hazard analysis, and observation techniques
- Medical surveillance and rapid upper-limb assessment
- Cumulative trauma disorders, musculoskeletal disorders, and heat stress
- Proper techniques for manual lifting and back injury control
- Administrative and engineering control

OSHA 2264
\$810
Earn 2.0 CEUs

Jan. 14-16, 2020 (Atlanta)
June 2-4, 2020 (Atlanta)

Permit-Required Confined Space Entry

pe.gatech.edu/osha2264

Understand how to spot, evaluate, prevent, and reduce safety and health hazards related to confined space entry.

What You Will Learn

- Confined space hazards
- Entry procedures
- Protective equipment
- Permit system and ventilation requirements



OSHA 3015 \$760

Earn 2.0 CEUs

Sept. 10-12, 2019 (Savannah)

Oct. 22-25, 2019 (Atlanta)

Apr. 21-24, 2020 (Atlanta)

Sept. 1-3, 2020 (Savannah)

Oct. 20-23, 2020 (Atlanta)

Excavation, Trenching, and Soil Mechanics

pe.gatech.edu/osha3015

Master practicing excavation and trenching the safe way with this course that focuses on adhering to OSHA standards. On a hands-on field trip, you'll learn how to use instruments like penetrometers and torvane shears, and conduct a soil sedimentation test.

Personal Protective Equipment Requirements

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

What You Will Learn

- OSHA standards for excavation and soil mechanics
- Penetrometers, torvane shears, and sedimentation tests
- Proper sloping and benching techniques
- Installation of hydraulic shoring
- Requirements for use of trench shields
- Common engineering practices for P.E. designed protective systems

OSHA 3095 \$875

Earn 2.8 CEUs

Sept. 10-13, 2019 (Atlanta)

May 12-15, 2020 (Savannah)

Sept. 1-4, 2020 (Atlanta)

Electrical Standards

pe.gatech.edu/osha3095

Learn the ins and outs of electrical installations and other related equipment. You'll understand how to control electrical hazards using OSHA standards along with the National Electrical Code. You'll also get to participate in an electrical lab. Notice: Attendees of this course should also attend **EST 7005P - NFPA 70E: Standard for Electrical Safety in the Workplace.**

What You Will Learn

- Fundamentals of electrical systems, requirements for portable and fixed equipment, plus grounding requirements
- Over-current protection, ground fault circuit interrupters, safety-related practices, and dielectric protective equipment
- Single- and three-phase systems, temporary wiring, portable generators, and branch circuits
- NFPA 70E standard for electrical safety

OSHA 3115

\$790

Earn 2.0 CEUs

Sept. 24-26, 2019 (Atlanta)

Mar. 10-13, 2020 (Atlanta)

July 7-10, 2020 (Atlanta)

Sept. 22-25, 2020 (Atlanta)

Fall Protection

pe.gatech.edu/osha3115

Understand how to safeguard your workers from falls. In addition to learning about state-of-the-art technology and OSHA requirements for fall protection, you'll study and take part in a one-day field exercise demonstrating the principles of fall protection along with the ins and outs of fall arrest systems.

Prerequisite

Participants are recommended to complete the OSHA 510 or OSHA 511 course or have equivalent construction training experience.

What You Will Learn

- Fall hazard analysis
- Sample fall protection plans
- 29 CFR 1926 Subpart M
- Accidents and fatalities
- Consensus standards
- Litigation issues

OSHA 5410

\$875

Earn 3.5 CEUs

June 1-5, 2020 (Savannah)

Safety and Health Standards for the Maritime Industry

pe.gatech.edu/osha5410

You'll expand your maritime expertise in our Safety and Health Standards for the Maritime Industry course. Learn how to recognize, evaluate, and control hazards that are part and parcel of the maritime industry. This course will increase your knowledge of the standards related to shipyards, marine terminals, and longshoring operations.

What You Will Learn

- The various hazards, frequency rates, and historical rates relevant to the maritime industries
- The applicable standards that apply to the maritime industry, including the applicable 29 CFR 1910 standards
- How to identify hazards and recommend control techniques that can prevent injuries related to maritime operations
- The jurisdictional responsibilities of the U.S. Coast Guard and OSHA

OSHA 6005

\$440

Earn 2.3 CEUs

Nov. 5-8, 2019 (Atlanta)

Nov. 3-6, 2020 (Atlanta)

Collateral Duty for Other Federal Agencies

pe.gatech.edu/osha6005 | 29 CFR 1910 \$40 (Required)

Develop your skills for recognizing basic safety and health hazards in the workplace in our course on Collateral Duty for Other Federal Agencies. You'll learn about the OSHA Act, 29 CFR 1910 on workplace safety, 29 CFR 1960 on accident investigation, and Executive Order 12196 on federal workplace safety. You'll learn about site inspection by visiting a government facility to evaluate and document hazards, research and select standards that apply to those hazards, and present your findings to the class. In addition, you'll learn how the OSHA numbering system works and be able to identify the standard that applies to around 40 hazardous conditions.

Personal Protective Equipment Requirements

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

What You Will Learn

- Introduction to OSHA standards, the OSH Act, 29 CFR 1910, 29 CFR 1960, and Executive Order 12196
- Hazard communication
- Office safety, personal protective equipment, industrial hygiene, fire protection, and means of egress
- Standards for electricity, material handling, walking, and working surfaces
- Introduction to accident investigation
- Inspection field trip, write-up, and review

OSHA 7115
\$270

Earn 0.75 CEUs

Oct. 15, 2019 (Atlanta)**Feb. 27, 2020 (Atlanta)****Oct. 13, 2020 (Atlanta)****Lockout Tagout**pe.gatech.edu/osha7115

Learn how to protect workers from potentially fatal accidents using the lockout-tagout procedure. You'll understand employers' responsibility in developing an energy control program. Plus, you'll discover how to detect and control hazardous conditions by a number of methods, including performing training for employees and creating written isolation procedures.

What You Will Learn

- The purpose, components, and procedures of an energy control program
- Training and applications for an energy control program
- Inspections of an energy control program

OSHA 7225
\$270

Earn 0.7 CEUs

Oct. 29, 2019 (Atlanta)**Oct. 27, 2020 (Atlanta)****Transitioning to Safer Chemicals**pe.gatech.edu/osha7225

Assist your team in creating a safer workplace through our course Transitioning to Safer Chemicals. You'll learn OSHA's seven-step substitution planning process so you can evaluate chemical use, study possible alternatives, and pursue safer alternatives. Plus, you'll gain knowledge about databases, as well as other tools, and methods to help you make the transition so that your workers are protected from chemical hazards.

What You Will Learn

- Why use inherently safer design
- Evaluating current chemical use and management
- How to compare, choose, and use chemical alternatives
- Basic chemical hazards
- How to use inherently safe design

OSHA 7500
\$270

Earn 0.7 CEUs

Jan. 13, 2020 (Atlanta)**Mar. 30, 2020 (Atlanta)****May 4, 2020 (Atlanta)****July 6, 2020 (Savannah)****Aug. 24, 2020 (Atlanta)****Introduction to Safety and Health Management**pe.gatech.edu/osha7500

Reduce the injuries and illnesses of your employees when you learn how to implement an effective safety and health management system. You'll develop methods to control and prevent hazards in the workplace that can help increase employee productivity and morale.

What You Will Learn

- Safety and health management system analysis
- Workplace hazards prevention and reduction
- Health and safety training
- How to evaluate work sites for hazards
- How to get leadership and employees on board



OSHA 7505 **\$270**

Earn 0.75 CEUs

Oct. 18, 2019 (Atlanta)

Jan. 10, 2020 (Atlanta)

May 18, 2020 (Atlanta)

Oct. 16, 2020 (Atlanta)

Introduction to Incident (Accident) Investigation

pe.gatech.edu/osha7505

In this course, you will discover the primary reasons for conducting an incident investigation and employer responsibilities related to workplace-incident investigations. Master the four-step incident investigation procedure through hands-on training and learn to conduct an effective incident investigation at your workplace.

What You Will Learn

- Incident investigation basics
- The four-step process

OSHA 7845 **\$160**

Earn 0.4 CEUs

Oct. 4, 2019 (Atlanta)

Apr. 17, 2020 (Savannah)

May 1, 2020 (Atlanta)

June 5, 2020 (Atlanta)

Aug. 7, 2020 (Atlanta)

Oct. 2, 2020 (Atlanta)

OSHA Recordkeeping Rule Seminar

pe.gatech.edu/osha7845

Help protect the privacy of employees and simplify your recordkeeping system using OSHA's recordkeeping rule, 29 CFR 1904, in this OSHA Recordkeeping Rule Seminar.

What You Will Learn

- OSHA requirements for recordkeeping and reporting
- How to complete OSHA forms 300, 300A, and 301



Related Occupational Safety and Health Courses

DEF 4504

\$1,695

Earn 1.95 CEUs

July 21-23, 2020 (Atlanta)

Introduction to Human Systems Integration

pe.gatech.edu/est4504

Technology may lead the way, but it's up to real live humans to make sure it's built to meet the needs of fellow human users. In this Introduction to Human Systems Integration (HSI) course, 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 various areas should be integrated to reduce personnel costs and improve system performance. Plus, 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. After all, that's the key to success for your organization.

What You Will Learn

- HSI program planning, requirements, and metrics
- HSI analyses
- HSI domains
- Trade-offs between domains
- HSI test and evaluation methods

EST 6000
\$795

Earn 2.1 CEUs

Oct. 22-24, 2019 (Atlanta)

Mar. 24-26, 2020 (Atlanta)

Oct. 20-22, 2020 (Atlanta)

Managing Environmental Compliance

pe.gatech.edu/est6000

Do you spend a lot of time going from agency to agency and website to website trying to find all environmental regulations that apply to your company? Take the guesswork out of learning what resources are available to help you decipher constantly changing regulations, and save time and money while you're at it. In this course, you will learn what steps you need to take to apply Environmental Protection Agency regulations to your facility. You will use case studies and networking to see how other companies are handling environmental issues so that you can better protect your workplace and the environment from hazards.

What You Will Learn

- Resource Conservation & Recovery Act (RCRA)
- Universal Waste Emergency Planning
- Community Right-to-Know Act (EPCRA)
- Hazardous chemical storage
- Industrial Stormwater Permitting and Pollution Prevention Plan (SWP3)
- Spill Prevention Control and Countermeasure Plan (SPCC)
- Underground and aboveground storage tanks
- Hazardous materials transportation
- Environmental management systems
- Safety data sheets

EST 7000
\$270

Earn 0.55 CEUs

July 1, 2019-Jan. 31, 2020 (Online)

Sept. 9, 2019 (Savannah)

Oct. 21, 2019 (Atlanta)

Apr. 20, 2020 (Atlanta)

Aug. 31, 2020 (Savannah)

Oct. 19, 2020 (Atlanta)

Scaffolding Safety

pe.gatech.edu/est7000

Gain an in-depth overview of scaffolding safety. In this course, you will identify basic scaffold hazards and review OSHA's scaffold standard, subpart L, in order to increase safety standards when using scaffolding. However, this course is not intended as training for erectors or dismantlers, nor will it certify competent persons or qualified persons.

What You Will Learn

- Scaffold capacity and construction
- Scaffold use and fall protection
- Aerial and boom lifts
- Suspended scaffolding
- Specialty scaffolds
- Scaffold requirements training

EST 7001
\$1,295

Earn 2.1 CEUs

Jan. 14-17, 2020 (Atlanta)

May 5-8, 2020 (Atlanta)

Advanced Safety Management

pe.gatech.edu/est7001

Developing a high-performance safety culture requires much more than programs and regulatory compliance. In this course, you will gain a deeper understanding of the impact of organizational culture on safety performance and how to implement leading-edge safety systems. The knowledge gained from this course will prepare you to take your construction or general industry organization's safety performance to the next level.

What You Will Learn

- Evolution of safety management principles
- Impact of organizational culture
- Importance of management leadership and employee engagement
- Development of safety management systems
- How to implement behavior-based safety
- Effective risk assessment
- Introduction to human performance



EST 7003

\$940

Earn 2.7 CEUs

Oct. 14-18, 2019 (Atlanta)

June 1-5, 2020 (Atlanta)

Oct. 12-16, 2020 (Atlanta)

Instructional Techniques for Occupational Safety, Health, and Environmental Professionals

pe.gatech.edu/est7003

In this workshop, you will learn to design, develop, deliver, evaluate, and manage environmental health and safety training programs. You will prepare and give a 20-minute presentation on a relevant workplace health and safety topic, while showcasing the skills and techniques learned in the course. You are encouraged to bring materials that you are currently working on to assist with completing the course exercises. This course will also serve as a review for the Board of Certified Safety Professionals (BCSP) Certified Environmental, Safety & Health Trainer (CET) examination.

This workshop is a nationally recognized ANSI Z490.1 (2016) and BCSP CET Blueprint Conforming Workshop.

CET Exam Information

The Certified Environmental, Safety, and Health Trainer (CET) exam is administered by the Board of Certified Safety Professionals. For more information, please call 217.359.9263 or email bcsp@bcsp.org. Registration and exam fees for the CET exam are not included in the course fee.

Required Material: Course fee includes required handbook.

What You Will Learn

- How to design and deliver training to conform to ANSI Z490.1 (2016)
- Instructional strategies, methods, and media
- The importance of evaluating training (tests and evaluations)
- Learning-styles differences

EST 7005
\$270

Earn 0.7 CEUs

Sept. 9, 2019 (Atlanta)

May 11, 2020 (Savannah)

Aug. 31, 2020 (Atlanta)

NFPA 70E: Standard for Electrical Safety in the Workplace

pe.gatech.edu/est7005

Put safety first! This course provides you with an understanding of the requirements outlined by the National Fire Protection Agency (NFPA) 70E for electrical safety in the workplace. You will be able to use this knowledge to educate your employees on NFPA 70E safety standards. It is highly recommended that attendees of this course also attend **OTI 3095: Electrical Standards**.

What You Will Learn

- NFPA 70E introduction and basic concepts
- The relationship between NFPA 70E and OSHA
- General requirements for electrical safety-related work practices
- How to establish an electrically safe work environment
- Model safety program
- How to work on or near live parts
- Safety-related maintenance requirements
- Safety requirements for special equipment
- The installation of safety requirements

EST 7006
\$900

Earn 2.75 CEUs

Nov. 4-7, 2019 (Atlanta)

Nov. 2-5, 2020 (Atlanta)

Certified Hazardous Material Management (CHMM) Review

pe.gatech.edu/est7006

Environmental programs are vital to our public health and safety. Within this field, the management of hazardous materials requires proven and unquestionable skills and competence. The Certified Hazardous Material Manager (CHMM) Review course provides the environmental professional with the knowledge necessary to comply with health, safety, and environmental guidelines. This course will prepare you to sit for the Certified Hazardous Materials Manager Exam, which is administered by the Institute of Hazardous Materials Management. For more information, please visit www.ihmm.org. Registration and exam fees for the CHMM exam are not included in the course fee.

What You Will Learn

- Laws and regulations
- Science
- Environmental management

EST 7007
\$795

Earn 1.8 CEUs

Sept. 9-11, 2019 (Atlanta)

Jan. 13-15, 2020 (Atlanta)

Aug. 31-Sept. 2, 2020 (Atlanta)

Construction Health and Safety Technician (CHST) Certification Exam Study Session

pe.gatech.edu/est7007

This course is designed to provide qualified Construction Health and Safety Technician (CHST) candidates with a review of the skills, knowledge, and techniques necessary for preparing for the CHST Certification Exam. Over the three-day period, you will review the CHST Exam requirements, as well as the skills and knowledge addressed in the four domains covered in the examination. A refresher of mathematics concepts and specific topics that directly relate to health and safety, such as conversions, dimensional analysis, graphing, geometry, trigonometry, and basic statistics, will also be covered. It is highly recommended that you take the **Board of Certified Safety Professionals CHST Self-Assessment** and **OSHA 510: Occupational Safety and Health Standards for Construction Industry** prior to attending the course.

What You Will Learn

- CHST exam requirements
- The four CHST examination domains
- CHST review exercises conducted during the course
- Skills and techniques to prepare for and take a certification exam

EST 7008**\$270**

Earn 0.7 CEUs

Oct. 16, 2019 (Atlanta)**May 18, 2020 (Atlanta)****Oct. 14, 2020 (Atlanta)****Introduction to Noise Evaluation and Control**pe.gatech.edu/est7008

Listen up! The Introduction to Noise Evaluation and Control course will provide practical, hands-on instruction in the evaluation and control of occupational noise. You will gain an understanding of the appropriate management strategies needed to conserve hearing in the workplace.

What You Will Learn

- Fundamentals of noise and hearing
- Noise monitoring equipment
- Noise controls
- OSHA regulations and requirements for noise
- Hearing conservation, audiometric testing, and hearing protection

EST 7009**\$270**

Earn 0.7 CEUs

Oct. 17, 2019 (Atlanta)**Feb. 10, 2020 (Atlanta)****Oct. 15, 2020 (Atlanta)****Air Sampling Fundamentals for the Workplace**pe.gatech.edu/est7009

This one-day course will provide an opportunity for both general industry and construction businesses to learn about and explore the available strategies for workplace air monitoring. In this succinct, facilitated, and interactive course, gain the knowledge you need to conduct an air-monitoring survey of your workplace for a variety of reasons. These include compliance with OSHA, state, or insurance requirements; response to a complaint; evaluation of controls; and selection of appropriate personal protective equipment or respiratory protection. The topics in this course go hand in hand with **OTI 2225P: Respiratory Protection**. Both courses are generally scheduled during the same week so you can attend both.

What You Will Learn

- The purposes of air sampling
- Common types of workplace air contaminants
- Air sampling techniques and methodologies

EST 7010**\$1,395**

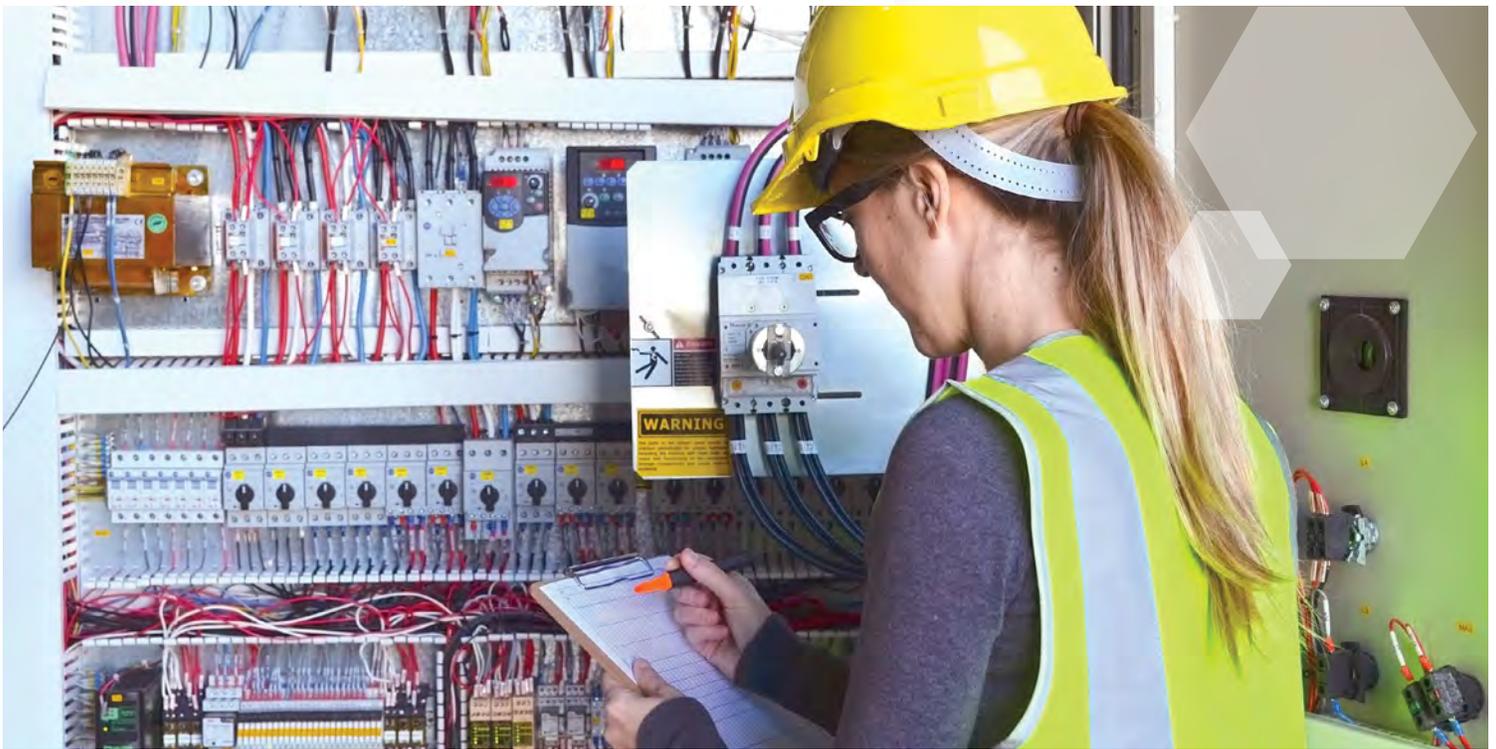
Earn 3.15 CEUs

Sept. 16-20, 2019 (Atlanta)**Jan. 27-31, 2020 (Atlanta)****Process Safety Management of Highly Hazardous and Explosive Chemicals**pe.gatech.edu/est7010

Many small and large businesses currently do not have the knowledge base necessary to create and implement an effective Process Safety Management (PSM) program. Unfortunately, this could lead to PSM-related accidents. In this course, you will gain an understanding of PSM and its history, who is covered by such a program, the PSM team process, the elements of a properly designed program, how to begin the process, and the basics of how PSM and the Environmental Protection Agency's (EPA) Risk Management Plans (RMP) work together. This course is a team-based case study course where learners gain insights from real-life cases.

What You Will Learn

- Application and exclusions
- Mechanical integrity, inspection and testing, and quality assurance
- Safe work practices
- Hazards of the process and toxicity
- Process hazard analysis
- Contractor management and emergency preparedness
- Technology of the process
- Management of change
- Incident investigation, compliance audits, and trade secrets
- Required equipment
- Operating procedures
- EPA Risk Management Plans



EST 7013
\$270

Earn 0.7 CEUs

Mar. 16, 2020 (Atlanta)

Power Transmission and Distribution

pe.gatech.edu/est7013

This course is an overview of the standard for power distribution and transmission. You will discuss the safety hazards involved with the operation and maintenance of electric power generation, transmission equipment, distribution lines, and equipment.

What You Will Learn

- Power transmission and distribution
- Workplace hazards
- Industry training requirements
- Personal protective equipment (PPE) use
- Electric power generation
- Transmission equipment
- Distribution lines

EST 7015
\$1,095

Earn 1.8 CEUs

Apr. 14-15, 2020 (Atlanta)

Value-Added Safety: Combining Lean Enterprise and Safety Management

pe.gatech.edu/est7015

Corporate environmental, health & safety (EHS) programs can be transformed from the traditional cost-centered model to a value-generating contributor through the application of lean enterprise (continuous process improvement) methods. Value-Added Safety is an integrated problem-solving approach that connects workplace hazards with non-value-added activities (wastes), promoting organizational collaboration and win-win scenarios across production and EHS functional areas. You will learn the principles of Value-Added Safety and gain applied understanding through interactive simulations and exercises to improve production and workplace safety outcomes.

What You Will Learn

- Value-Added Safety definition and meaning
- How to identify both workplace hazards and non-value-added activities (wastes)
- Methods to connect workplace hazards with lean wastes to common causes within a process
- Integrated approaches to improve both workplace safety and productivity
- How to use simulations to solve workplace safety and lean waste problems simultaneously
- The impacts that Value-Added Safety has on production and safety outcomes



A Culture of Safety

Alcon

Alcon, a Novartis Division, has partnered with GTPE to nurture an environment of continuous improvement of safety and emergency preparedness for its Johns Creek, Georgia location. GTPE on-site training has helped Alcon employees increase their overall knowledge about Process Safety Management, Process Hazard Analysis, Mechanical Integrity, HAZWOPER, Incident Command, and the importance of complying with OSHA regulations.

Why On-Site Training?

Georgia Tech Professional Education offers cost-effective solutions and enables organizations to provide the specialized training their employees need to succeed.

Our world-renowned experts create unique content to meet your staff's specific needs. Our innovative approach allows for flexible scheduling and the ability for employees to learn on-site within their current roles.

Take advantage of Georgia Tech's ability to make a difference in your organization. If you have 15 or more students, it is more cost-effective for Georgia Tech to come to you. Contact Dana Atkinson at dana.atkinson@innovate.gatech.edu or **404.894.4115** to discuss your customizable, on-site options.

Robins Air Force Base employee Matt Corbitt and Alcon's HSE Senior Manager Michelle Payne share their thoughts about OSHA on-site training at their companies.



On-Site Instruction

"The on-site instructors were able to give us an honest look as an outsider, were able to avoid tunnel vision, and go in there and help prevent mistakes." - Matt Corbitt



Immediately Applicable

"Our site was able to immediately address gaps identified during each training session to proactively ensure compliance with regulation instead of identifying gaps during internal and external audits." - Michelle Payne



Custom-Tailored Learning

"The exercises, applications, and drills that the instructor has shared in their training material has been specifically tailored to our Alcon site. This approach has ensured that OSHA regulation is covered while providing real-world applications that relate to our workplace and day-to-day responsibilities of our employees." - Michelle Payne



Georgia Tech Difference

"Even though the class is over, they encouraged us to call or shoot them an email whenever we needed it. They seemed more than happy to respond to any questions we might have in the future." - Matt Corbitt



The success story continues for Robins Air Force Base in 2018.



\$1,471

Student savings per certificate

\$350,000+

Funds saved by on-site training to date

23

Students who received certificates in Industrial Safety and Health in 2018

275

Total number of certificates awarded to date

EST 7018

\$795

Earn 1.2 CEUs

Dec. 3-4, 2019 (Atlanta)

Dec. 1-2, 2020 (Atlanta)

Trainer Course: Electrical Safety Standard for the Workplace, NFPA 70E

pe.gatech.edu/est7018

Safety first! Are you in a leadership role where electrical safety is your responsibility? In this course, you will learn how to train other personnel in the National Fire Protection Association (NFPA) 70E standards. Gain an understanding of the basics of standard electrical safety, and learn how to apply training techniques and your presentation skills.

What You Will Learn

- Training techniques
- Arc flash and blast hazards
- Work practices for employee protection
- Electrical equipment labels
- NFPA 70E and OSHA standards

ONLINE

EST 7122

\$270

Earn 0.7 CEUs

July 1-Dec. 31, 2019 (Online)

Introduction to Safety and Health Management

pe.gatech.edu/est7122

An effective safety and health management system is the key to reducing the number and severity of workplace injuries and illnesses, resulting in lower accident-related costs. In this course, you will learn to effectively implement a company's safety and health management system, including the core elements of an effective safety and health system, and the central issues critical to each element's proper management.

What You Will Learn

- Safety and health management system overview
- Management leadership and employee involvement
- Work site analysis
- Hazard prevention and control
- Safety and health training
- Multi-employer coordination
- Program evaluation

ONLINE

EST 7123

\$270

Earn 0.6 CEUs

July 1, 2019-Jan. 31, 2020

(Online)

Introduction to Incident (Accident) Investigation

pe.gatech.edu/est7123

In this course, you will discover the primary reasons for conducting an incident investigation and employer responsibilities related to workplace-incident investigations. Master the four-step incident investigation procedure through hands-on training and learn to conduct an effective incident investigation at your workplace.

What You Will Learn

- Incident investigation basics
- The four-step process



EST 7124

\$1,295

Earn 2.1 CEUs

Feb. 25-27, 2020 (Atlanta)

Aug. 25-27, 2020 (Atlanta)

Human Performance: Understanding Human Error

pe.gatech.edu/est7124

Human error is often identified as the cause of many accidents. However, it is the beginning rather than the endpoint in truly understanding both accident causation and safety performance. In this course, you'll gain an understanding of human performance (HP) and its critical role for effective safety management and incident investigation. You will discover the five critical principles of human performance, and learn to identify and differentiate between latent conditions and active triggers.

What You Will Learn

- Precursors of human error
- Organizational influences on human behavior/error
- Event failure analysis
- Organizational drift
- Error reduction tools
- Effective performance coaching techniques
- Learning organizations and event learning teams

EST 7125

\$325

Earn 0.62 CEUs

Sept. 23, 2019 (Atlanta)

Sept. 21, 2020 (Atlanta)

Managing Legal Issues in General Industry, Construction, Engineering, and Safety

pe.gatech.edu/est7125

Make sure it's legal! In this course, private sector and governmental personnel from all types of industries will present detailed information on managing legal issues that affect construction, engineering, and safety for projects that are performed in general industry, commercial, and industrial operations. You will review topics, including the legal aspects of licensing, education, qualification, the bid process, construction contracts, insurance, the safety manager's role, and more.

What You Will Learn

- Licensing, education, and qualification requirements for personnel
- The professional engineer's role in general industry project construction, engineering, and safety
- How engineering design affects safety
- The basics of reviewing general industry and construction contracts
- The basics of insurance and risk-financing methods used in general industry and construction
- The construction process
- OSHA and Environmental Protection Agency (EPA) compliance

EST 7126

\$1,395

Earn 2.75 CEUs

Apr. 27-May 1, 2020 (Atlanta)

Process Safety Management – Process Hazard Analysis

pe.gatech.edu/est7126

Many small and large businesses are required to comply with OSHA’s Process Safety Management of Highly Hazardous and Explosive Chemicals. Unfortunately, they often do not have the necessary knowledge and experience to perform the most difficult part of the standard, which is the Process Hazard Analysis (PHA). In this course, you will learn how to perform a PHA, methodology, the planning and facilitation of a PHA, and more. This course is a team-based case study course where learners gain insights from real-life cases.

What You Will Learn

- The critical requirement for an effective PHA
- Failure modes, human factors, and facility siting
- The proper documentation of PHAs
- The consequences of inaccurate or incomplete PHAs
- Process hazard analysis methods
- How to evaluate consequences
- Best PHA methods of the Center for Chemical Process Safety (CCPS)

EST 7127

\$495

Earn 1.4 CEUs

June 23-24, 2020 (Atlanta)

Modern Theories in Accident Causation

pe.gatech.edu/est7127

Organizations have been trying to determine the cause of accidents in the workplace since Heinrich’s Study of the Cause of Industrial Accidents was released in the 1920s. While most of Heinrich’s theories have been disproven and superseded by more modern theories, the use of his root cause analysis often delivers typical results: human error. In this course, you will use the case study method to examine and apply some of the more modern tools used to analyze workplace incidents.

What You Will Learn

- Human performance
- Combination theory
- Systems theory
- Epidemiological theory

EST 7128

\$395

Earn 0.7 CEUs

Process Safety Management – Mechanical Integrity

pe.gatech.edu/est7128

Many employers who are required to comply with OSHA’s 1910.119 Process Safety Management (PSM) standard are not fully aware of what Mechanical Integrity (MI) really means within the practice of process safety. It’s much more involved than simply not collecting specifications on equipment in your covered process. In this course, you will learn the ins and outs of MI.

What You Will Learn

- MI in process safety
- Special equipment management
- Risk-management tools
- Recognized and Generally Accepted Good Engineering Practices (RAGAGEP)
- MI program elements
- Inspection, testing, and quality assurance
- MI programs
- MI auditing
- Codes and standards



EST 7129
\$1,395

Earn 2.6 CEUs

July 27-31, 2020 (Atlanta)

Advanced Process Safety Management – PSM II

pe.gatech.edu/est7129

Many employers who are required to comply with OSHA's 1910.119 Process Safety Management standard have received basic training in OSHA's Process Safety Management Standard, but are not fully aware of the advanced methods of process safety utilized throughout the world in the proper management of chemical process hazards. Advanced Process Safety Management (PSM II) provides learners with those advanced methods in a case-study-driven, interactive environment.

What You Will Learn

- Reactive hazards – exothermic, endothermic, and Grignard
- Advanced selection of recognized and generally accepted good engineering practices (RAGAGEPs) – application and justification
- Application of Codes and Standards in mechanical integrity (MI)
- MI Principles of Inspection and Testing and quality assurance
- Special equipment management, including relief, vent, flare, and safety integrity level devices
- Process Hazard Analysis, Layers of Protection Analysis (LOPA), risk tolerance, Facility Siting
- LOPA conditional modifiers
- Application of LOPA in analyzing risk
- Best methods of management of change
- International process safety – Control of Major Accident Hazards and Seveso II
- Conduct of operations and license to operate



EST 7130

\$1,395

Earn 2.8 CEUs

Oct. 21-24, 2019 (Atlanta)

Oct. 19-22, 2020 (Atlanta)

Process Safety Management – PSM Auditing

pe.gatech.edu/est7130

Many employers who are required to comply with OSHA's 1910.119 Process Safety Management (PSM) standard have received basic training in OSHA's Process Safety Management Standard. This course will take your knowledge to the next level. It provides an in-depth understanding of audit principles and methods that are key in ensuring an effective audit. You will learn about audit methodology, which includes documentation, pre-production, review, interview methods, field verification, and audit closeout meetings. Learners will discover how to properly plan, execute, and document a process safety management audit utilizing OSHA National Emphasis Program (NEP) methodology and key principles of the Center for Chemical Process Safety. The course utilizes an interactive, case-study-driven method with multiple in-class exercises based on our unique, real-life chemical process case study.

What You Will Learn

- Audit principles for both PSM and risk management plan programs
- Audit principles set forth in the OSHA NEPs
- How to plan, execute, and properly document a PSM audit
- How and what process safety information must be assembled prior to an audit
- Proper audit field verification methods

EST 7132

\$270

Earn 0.6 CEUs

Oct. 4, 2019 (Atlanta)

Jan. 10, 2020 (Atlanta)

Mar. 9, 2020 (Atlanta)

Apr. 3, 2020 (Atlanta)

Oct. 2, 2020 (Atlanta)

OSHA Silica Standard: Gaining the Skills and Capabilities to Comply

pe.gatech.edu/est7132

Stay up to date on OSHA’s new 2016 Silica Standard for general industry, construction, and maritime. This course provides a comprehensive review of the new OSHA regulation, training on the health effects of silica exposure, and focus on practical steps companies can take to protect workers from the hazards of silica exposure. You will learn how to properly implement assessment methods for measuring worker exposure to silica dust, establish an appropriate dust control and respiratory protection program, and navigate the medical surveillance requirements of the standards. The facilitated and interactive training included in this course provides you with the knowledge you need to both ensure the effectiveness of your company’s silica compliance program and to understand the requirements and responsibilities of a silica “competent person.”

What You Will Learn

- Requirements of OSHA’s silica standard
- Silica exposure control planning
- Air-sampling strategies and methods for measuring silica exposure
- Respiratory protection requirements
- Silica exposure health effects

EST 7134

\$925

Earn 1.8 CEUs

Nov. 19-21, 2019 (Atlanta)

July 21-23, 2020 (Atlanta)

Nov. 17-19, 2020 (Atlanta)

Human Performance II – Implementation

pe.gatech.edu/est7134

Human Performance II – Implementation focuses on the principles and tools for error reduction and illustrates how to put them into practice. You will receive concrete and practical guidance on how to implement these principles in your own organization to improve organizational and individual safety performance.

Prerequisites

Participants are required to complete the EST 7124 course.

What You Will Learn

- How the brain functions in relation to memory and error
- How systems increase error and influence behavior
- How to establish a blame-free culture
- Error chain and classification
- Learning teams setup and management
- Appropriate defenses for error prevention
- Deviation and drift management



EST 7135

\$1,395

Earn 3.15 CEUs

PSM I for Ammonia Systems

pe.gatech.edu/est7135

Many businesses that use anhydrous ammonia in their operations currently do not have the necessary knowledge base to create and implement an effective Process Safety Management (PSM) program. This has resulted in many PSM accidents, releases, and catastrophes. PSM I for Ammonia Systems will give you a general understanding of PSM and its history to guide the implementation, maintenance, or update of your own organization's program.

What You Will Learn

- PSM overview and history
- Who is covered by the program
- The PSM team process
- The elements of a properly designed PSM program
- How to begin the process of developing an effective process safety program
- The basics of how PSM and the Environmental Protection Agency's (EPA) Risk Management Plans (RMP) work together

EST 7136

\$1,395

Earn 3.05 CEUs

Nov. 18-22, 2019 (Atlanta)

Nov. 16-20, 2020 (Atlanta)

API RP 1173 – Pipeline Safety Management Systems

pe.gatech.edu/est7136

API RP 1173 Pipeline Safety Management Systems is a recommended practice (RP), released by the American Petroleum Institute, to establish a pipeline safety management systems (PSMS) framework for organizations that operate hazardous liquids and gas pipelines within the jurisdictional of the U.S. Department of Transportation. This RP provides pipeline operators with safety management system requirements that, when applied, provide a framework to reveal and manage risk, promote a learning environment, and continuously improve pipeline safety and integrity. You will be able to understand process safety, its application to the pipeline industry, the team process to develop and implement process safety, the elements of a properly designed API RP 1173 program, and how to implement and manage an ongoing program.

What You Will Learn

- Why API RP 1173 was promulgated and why accidents in the pipeline industry are still occurring
- How to develop and implement leadership and management commitment
- How to engage and involve stakeholders
- The risk management process of data gathering – risk identification, assessment, prevention, mitigation, analysis, and review
- Operational controls procedures development – system integrity, management of change, and management of contractors
- Incident investigation, proper follow-up, communication of lessons learned, and analysis of past events industrywide
- Safety assurance elements of audit, evaluation, feedback, closure, performance measurement, and analysis
- The management review and continuous improvement methods

EST 7137

\$795

Earn 1.8 CEUs

Sept. 11-13, 2019 (Atlanta)

Jan. 15-17, 2020 (Atlanta)

Sept. 2-4, 2020 (Atlanta)

Occupational Hygiene and Safety Technician (OHST) Certification Exam Study Workshop

pe.gatech.edu/est7137

This course is designed to provide qualified Occupational Safety and Health Technicians (OSHT) with a review of the skills, knowledge, and techniques necessary for preparing for the OHST certification exam. Over a two-day period, you will review the OHST exam requirements, as well as the skills and knowledge addressed in the seven domains of learning covered on the examination.

What You Will Learn

- BCSP exam requirements
- OHST self-assessment to evaluate your current knowledge and identify areas needed for improvement
- The seven domains of learning for the OHST
- Techniques for preparing for the OHST exam
- Basic math operations and functions
- Unit conversions, dimensional analysis, geometry, right triangle trigonometry, and basic statistics as they relate to health and safety



EST 7139

\$925

Earn 1.5 CEUs

Sept. 24-26, 2019 (Atlanta)

Oct. 6-8, 2020 (Atlanta)

Foundations of Leadership for Safety Excellence

pe.gatech.edu/est7139

Leadership development is vital to every aspect of organizational performance and is critical to the development of a high-performance safety culture. However, many managers have never been taught how to lead the safety effort. To achieve safety excellence, leaders must exhibit specific traits and involve themselves in specific activities that demonstrate commitment to safety as a core value. This course explores known principles of effective safety leadership. Special emphasis will be placed on vision, transformational leadership styles, decision-making, problem-solving, communication, coaching, and change management specific to creating a culture of safety excellence. The course is an active workshop that provides practical hands-on activities to help anchor the principles into real-life application in the workplace.

What You Will Learn

- The critical traits for effective safety leadership
- Organizational deviations that have become internalized and accepted in your organization that lead to accidents
- How to transition from transactional to transformational leadership styles
- Effective safety coaching and communication skills
- Effective accident root cause determination skills
- How to increase employee engagement and ownership in safety
- The latest thinking in safety management principles and practice



Free Consultation Program

Occupational Safety and Health Consultation Program

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 their teams. Experts with Enterprise Innovate Institute, who are Georgia Tech instructors, offer this no-cost service through our Occupational Safety and Health Consultation Program. Georgia businesses with fewer than 250 employees and not more than 500 employees are eligible to participate.

How It Works

Our on-site consulting helps your business meet OSHA's requirements but is separate from enforcement and does 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
- Ergonomics assessment
- Air sampling and analysis
- Evaluations of technical programs
- Safety and health management system development

For more information, contact us:

Enterprise Innovate Institute Occupational Safety and Health Consultation Program

75 5th St. NW, Suite 3000
Atlanta, GA 30332-0643
404.385.3090

oshainfo.gatech.edu



Our Impact



Our staff conducts more than **450** visits and training activities annually

Assisted more than **130** different industries



Identified over **2,500** serious workplace hazards that could lead to worker fatalities, injuries, or illnesses

Educated nearly **3,000** participants through our free seminars and interventions



Provided hazard control recommendations that saved participating companies more than **\$5 million** in potential penalties

Get SHARP

Georgia Tech's safety and health consultants can help your businesses qualify for the Safety & Health Achievement Recognition Program (SHARP), 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 and have developed and implemented an effective safety and health program. Businesses with fewer than 500 employees nationwide also must have reduced the rate of injuries and lost workday incidents to below their industries' national averages.

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

Georgia Tech Safety, Health, and Environmental Services
A unit of the Enterprise Innovation Institute



Hazardous Materials

HAZ 1000

\$675

Earn 2.68 CEUs

Dec. 10-12, 2019
(Smyrna)

June 2-4, 2020 (Atlanta)

Dec. 8-10, 2020 (Atlanta)

24-Hour Hazmat Technician

pe.gatech.edu/haz1000

The 24-hour hazmat technician is a specialized role that requires specialized training. In this course, you will learn the basic knowledge and techniques required for personnel responding proactively to hazardous material spills in an industrial setting. The curriculum covers what the Occupational Safety and Health Administration (OSHA) requires as demonstrated competency at the Hazmat Technician Level.

What You Will Learn

- OSHA regulations for emergencies, including natural and man-made disasters
- Hazard analysis and risk management
- Hazardous materials chemistry/toxicology
- Respiratory protection and Personal Protective Equipment (PPE)
- Safety and response plans
- Emergency medical considerations
- Air sampling and monitoring instrumentation
- Incident command systems
- Department of Transportation (DOT) documentation requirements
- Patching and spill containment

HAZ 1002

\$270

Earn 0.7 CEUs

Sept. 5, 2019 (Smyrna)

Dec. 5, 2019 (Smyrna)

Mar. 17, 2020 (Atlanta)

May 28, 2020 (Atlanta)

Sept. 10, 2020 (Atlanta)

Dec. 3, 2020 (Atlanta)

HAZWOPER Annual Refresher

pe.gatech.edu/haz1002

This one-day course meets the Occupational Safety and Health Administration's (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) regulatory annual training requirements. The focus of this refresher course changes yearly to reflect trends and practices, regulatory updates, and timely topics. It will bring you up to speed on what you need to know in the field.

What You Will Learn

- HAZWOPER requirements
- Trends, technologies, and procedures in HAZWOPER-related fields

HAZ 1004

\$1,035

Earn 3.93 CEUs

Oct. 7-11, 2019 (Atlanta)

Apr. 6-10, 2020 (Atlanta)

Oct. 5-9, 2020 (Atlanta)

HAZWOPER Site Operations

pe.gatech.edu/haz1004

The Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) standard requires all employees, supervisors, and management working on hazardous waste sites to receive training before engaging in hazardous waste operations or spill response. In this course, you will suit up in protective equipment, including a self-contained breathing apparatus (SCBA) and totally encapsulated chemical protective suit, and practice skills that are necessary for hazardous waste sites and hazmat emergency responses. You will end the week of training with two full dress-out drills and corresponding debriefings. A mandatory examination is conducted before the end of the course, and a special-numbered certificate is issued to those who successfully complete the course and pass the exam.

What You Will Learn

- 29 CFR 1910.120
- Site safety and health programs
- Hazard communication
- Hazardous materials chemistry
- Respiratory protection
- Chemical protective clothing
- Toxicology and medical surveillance
- Biological agents
- Confinement, containment, and sorbents
- Department of Transportation (DOT) regulatory overview
- Incident Command System (ICS)/ National Incident Management System (NIMS)

HAZ 1006

\$1,035

Earn 3.33 CEUs

July 13-17, 2020 (Atlanta)

Advanced Hazmat School

pe.gatech.edu/haz1006

The Advanced Hazmat School course incorporates two of our most popular specialist-level courses: Atmospheric Hazards and Air Sampling and Decontamination Specialist. Upon completion of the weeklong course, you will receive a certificate for the Advanced Hazmat School reflecting the two specialist-course competencies.

What You Will Learn

- Contamination, toxicology, and contamination prevention
- Technical and emergency decontamination
- Patient, pre-hospital, and hospital care
- Air sampling
- Atmospheric hazards instrumentation

HAZ 7022

\$1,295

Earn 1.95 CEUs

Sept. 17-19, 2019 (Smyrna)

Sept. 15-17, 2020 (Atlanta)

Permit-Required Confined Space Entry and Rescue Level 2

pe.gatech.edu/haz7022

The Confined Space Entry and Rescue course is a three-day program that teaches the technical rescue and recovery of victims trapped in a confined space or in a place accessible only through a confined space. You will have the opportunity to practice entering and rescuing victims trapped in vessels with both horizontal and vertical rescue scenarios, such as storage silos, storage tanks, sewers, or underground vaults, using a confined space prop. Certification will be issued upon successful completion of the course.

Prerequisite

Medical evaluation and written clearance by a physician or other licensed healthcare professional (PLHCP). Appropriate medical forms will be at point of online registration.

What You Will Learn

- The hazards of permit-required confined space
- The hazards of permit-required confined space rescue
- The four characteristics of confined space
- The proper use and application of personal protective equipment
- Basic rescue knot tying abilities
- Horizontal and vertical rescue scenarios
- Patient assessment and scene survey
- The use and application of supplied air systems
- Different types of supplied air systems
- Application and use of supplied air systems during rescue
- How to develop rescue plans
- How to identify and isolate hazardous energy and material sources



Clothing and Personal Protective Equipment (PPE)

Requirements for HAZ 1000, 1004, and 1006 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, while 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 will be provided at point of online registration.

Contact Kevin Kamperman to inquire about our discounts for first responders:

kevin.kamperman@innovate.gatech.edu

Professional Master's in Occupational Safety and Health (Online)

Join a New Class of Safety and Health Leaders



The first program of its kind in Georgia



Attend a top-10 public university



Fits into your work schedule



Complete 10 courses in two years



Complete online, with three campus visits



Application Deadlines:

Early Decision Deadline
Mar. 1, 2020

Regular Decision Deadline
May 1, 2020

Course Start Date
Aug. 17, 2020

Learn more at:
pe.gatech.edu/pmosh-online

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pe.gatech.edu



Unique Training Opportunities

Each year, Georgia Tech's OSHA Training Institute Education Center (OTIEC) offers a week of free seminars in Atlanta or Savannah, GA. These seminars are the perfect solution for those looking to take a Georgia Tech OSHA course but are not sure where to start.

FREE Seminars

OSHA 7100: Introduction to Machinery and Machine Safeguarding Seminar

OSHA 7105: Introduction to Emergency Planning

OSHA 7200: Bloodborne Pathogens Exposure Plan for Healthcare Facilities

OSHA 7205: Health Hazard Awareness

OSHA 7405: Fall Hazard Awareness for the Construction Industry

OSHA 7510: Introduction to OSHA for Small Business

EST 8001: General Industry Safety and Health

EST 8002: Special Topics in Occupational Health/Industrial Hygiene

EST 8003: Ergonomics and the Control of Musculoskeletal Disorders



Online registration is required to attend all seminars. Seats fill up fast – visit oshainfo.gatech.edu for up-to-date information on seminar dates for 2020. Click on the Safety and Health Free Seminars Registration banner under the “What’s New” section of the homepage.

For facility information and directions to the Atlanta or Savannah locations, see pages 42- 43.

Stay up to date with Georgia Tech's OTIEC!

Subscribe to Georgia Tech's OSHA Training Institute Education Center's quarterly e-newsletter and receive useful information on:

- OSHA and related course offerings
- OSHA standards
- Industry trends
- OSHA certificate programs
- Georgia Tech's Professional Master's in Occupational Safety and Health (Online)

Subscribe at eepurl.com/gaMX11



Facility Maps and Directions



Georgia Tech Global Learning Center

Atlanta, Georgia

84 5th St. NW, Atlanta, GA 30308

Driving Directions

The Georgia Tech Global Learning Center is located at 84 5th 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 miles on Linden Avenue, and turn left onto West Peachtree Street
- Travel 0.3 miles and turn left onto 5th 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)
- Our parking garage address is 770 Spring St. NW, Atlanta, GA 30308

Georgia Tech Cobb County Research Facility

Smyrna, Georgia

2001 Dixie Ave. SE, Smyrna, GA 30080

Driving Directions from North of the Facility

- Take I-75 south to the Windy Hill Road exit, 260
- Turn right onto Windy Hill Road toward Smyrna
- Refer to the rest of the directions below starting at the arrow (▶)

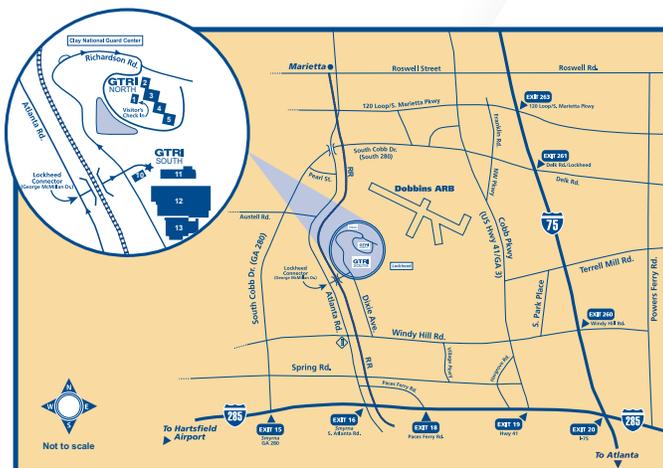
Driving Directions from South of the Facility

- Take I-75 north to the Windy Hill Road exit, 260 (first exit after I-285 interchange)
- Turn left onto Windy Hill Road toward Smyrna
- ▶ • Travel 3 miles, cross under bridge overpass, and turn right immediately onto Atlanta Road

- Travel approximately 0.9 miles down Atlanta Road (second traffic light) to George McMillian Drive, and turn right
- Proceed under railroad tracks, and go straight through the intersection; there is a white, one-story metal building on the far right corner of the intersection; that is your destination, B-10
- Take a right through the fence gate onto the gravel road that will lead you to the parking area directly in front of B-10 (Lockheed Martin Security Shack is just past the gravel road; if you are speaking to Lockheed Security, you went too far)
- Use the walkway to enter the B-10 lobby
- Registration check-in will be inside the lobby

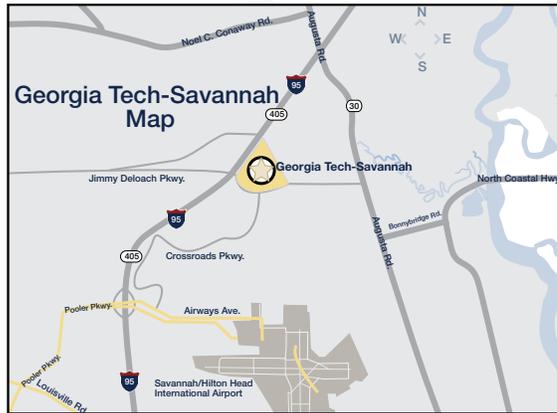
Driving Directions from Atlanta Hartsfield-Jackson Airport

- Exit the airport to Camp Creek Parkway
- Travel approximately 3 miles, and turn right onto I-285 North
- Proceed 13.2 miles to the Atlanta road, exit 16
- Turn left onto Atlanta Road, travel 4.5 miles, and cross over Windy Hill Road
- Continue to the second traffic light, and turn right onto George McMillian Drive
- Proceed under railroad tracks, and go straight through the intersection; there is a white, one-story metal building on the far right corner of the intersection; that is your destination, B-10
- Take a right through the fence gate onto the gravel road that will lead you to the parking area directly in front of B-10 (Lockheed Martin Security Shack is just past the gravel road; if you are speaking to Lockheed Security, you went too far)
- Use the walkway to enter the B-10 lobby
- Registration check-in will be inside the lobby





Course Locations



Georgia Tech-Savannah

210 Technology Circle, Savannah, GA 31407

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

Enterprise Innovation Institute (EI²)

75th 5th Street NW, Atlanta, GA 30308

The EI² central office is located at the Centergy One building in the heart of Tech Square in midtown Atlanta.

From the South

Take I-75/I-85 north through downtown Atlanta to the 10th/14th Street exit

- Take a right onto 10th Street
- Take a right onto Spring Street
- Take a right onto 5th Street; Centergy will be to your right
- **Parking:** Turn right on Williams Street and then right into the Centergy parking deck

From the North

- Take the Techwood Drive exit (I-75 South exit 250; I-85 South exit 84) to 10th/14th streets
- Take a left onto 14th Street
- Take a right onto Spring Street
- Take a right onto 5th Street, Centergy will be to your right
- **Parking:** Turn right on Williams Street and then right into the Centergy parking deck

Georgia

1a. Atlanta - Tech Square

Georgia Tech Global Learning Center
Technology Square
84 5th St. NW
Atlanta, GA 30308-1031

Courses offered:

All OSHA and EST courses

1b. Atlanta - Georgia Tech campus

Georgia Institute of Technology
Environmental Health & Safety
793 Marietta St.
Atlanta, GA 30318

Courses offered: All HAZ courses in 2020

2. Savannah

Georgia Tech-Savannah
210 Technology Circle
Savannah, GA 31407

Courses offered: OSHA 500, OSHA 501, OSHA 502, OSHA 503, OSHA 510, OSHA 511, OSHA 521, OSHA 2045, OSHA 2055, OSHA 2255, OSHA 3015, OSHA 3095, OSHA 5410, OSHA 7500, OSHA 7845, EST 7000, EST 7005

3. Smyrna

Georgia Tech Cobb Facility
2001 Dixie Ave. SE
Smyrna, GA 30080

Courses offered: All HAZ courses in 2019

Alabama

4. Mobile

Hampton Inn & Suites
Downtown Mobile Historic District
62 S. Royal St.
Mobile, AL 36602

Courses offered: OSHA 500, OSHA 501, OSHA 510, OSHA 511

5. Orange Beach

The Center for Continuing Education at
Columbia Southern University
21982B University Lane
Orange Beach, AL 36561

Courses offered: OSHA 510, OSHA 511



OSHA Region IV

Florida

6. Orlando (TBD)

Tennessee

7. Nashville

Homewood Suites Nashville Airport
2640 Elm Hill Pike
Nashville, TN 37214

Courses offered:

OSHA 510, OSHA 511

North Carolina

8. Asheville

Comfort Suites Asheville
890 Brevard Road
Asheville, NC 28806

Courses offered:

OSHA 510, OSHA 511

South Carolina

9. Greenville

Peak Safety Performance
1706 Claire Court
Seneca, SC 29672

Courses offered:

OSHA 500, OSHA 501, OSHA 510, OSHA 511

Kentucky

10. Bowling Green (TBD)

11. Louisville (TBD)

Courses offered:

OSHA 510, OSHA 511

We're your resource for professional development for manufacturers. Offering both open enrollment and on-site training courses in areas of:



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Lean/Process Improvement



ISO Standards (Quality, Energy, and Environmental Management Systems)



Energy and Sustainability



Technology & Advanced Manufacturing

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Now offering this results-based program to build your knowledge and equip you to lead and sustain your future in manufacturing.



Visit our subject-area-specific websites for more information and a full list of courses:

- <https://pe.gatech.edu/manufacturing-leadership-certificate>
- <https://pe.gatech.edu/iso-education>
- <https://pe.gatech.edu/advancing-education>

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Well-designed facilities promote effective and safe operations.

Check out SCL's Distribution Operations Analysis and Design program and other supply chain courses at scl.gatech.edu/DOAD

Georgia
Tech  Supply Chain &
Logistics Institute





Have Questions? We Have Answers.

Use our FAQs below to guide you through our Occupational Safety and Health program.

If I am new to the safety field, where do I start?

For Construction Industry, please begin with OSHA 510 (see page 8).
For General Industry, please begin with OSHA 511 (see page 10).

Are there courses with requirements or prerequisites?

The OSHA 500, 501, 502, 503, 3115, and HAZ 1006 courses have prerequisites. Please go to the course page for details. We cannot allow grant exceptions for prerequisites and work experience.

How can I check the courses that I've taken?

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

What is included in the course fee?

The course fee includes all necessary classroom materials, OSHA, EST, and HAZ attendance certificates; an applicable course tour, and a badge identification.

How can I purchase a CFR, and when will I receive it?

If the CFR is required for your class, you should purchase it when you register. If you purchase the CFR, you will receive it at check-in on the first day of class.

How can I have Georgia Tech OSHA Training Institute Education Center come to my company and teach a course?

For on-site training and topic areas, see page 7 in the catalog.

OSHA Authorized Trainers Should Know:

Outreach Trainer Program

5 years of Safety Experience in the Industry

Complete the OSHA Standards Course for Your Industry: **OSHA 510** or **OSHA 511**

Complete the Trainer Course for Your Industry: **OSHA 500** or **OSHA 501**



 Begin Teaching **OSHA 10-** and **30-Hour Outreach Classes**

Renew Every **4** Years

How do I apply for the OSHA 500, 501, 502, or 503 course?

Each student who participates in a Georgia Tech Professional Education course is required to complete a profile. You should go to pe.gatech.edu/user/login to create a new account profile. A step-by-step guide on how to create a new account and apply for these courses can be found at pe.gatech.edu/osha-program-faqs.

Build Areas of Expertise – Occupational Safety and Health Certificates

How do I request a program certificate?

You must fill out a Program Certificate Petition form for review the first day of class. If you earn your certificate for a one-day class, you will need to send in your petition form at least two days before the class begins. Otherwise, your certificate will be mailed to you.

When will I receive my course certificate?

Georgia Tech's OSHA Training Institute distributes OSHA and HAZ certificates by mail or on the last day of class. Georgia Tech's Professional Education Registrar's Office mails EST certificates after grades are submitted.

How do I request a replacement certificate?

If you are replacing an OSHA numbered course certificate, there will be a \$25.00 fee, and you can request it by following the instructions here: pe.gatech.edu/replacement.

If you are requesting an EST numbered course certificate, we can provide a PDF of your certificate via email or a printed copy by postal mail:
ATTN: Georgia Tech Professional Education Registration
84 5th St. NW
Atlanta, GA 30308-1031

Or email pregistration@gatech.edu with the following information: first name, last name, date of birth, email address, course title, and course date.

What are Certification/Maintenance Points?

ABIH has previously awarded Certification Maintenance (CM) credit for OSHA Education Center courses. ABIH has indicated that if a Certified Industrial Hygienist (CIH) attends an OSHA Education Center course, it is 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.

For additional Frequently Asked Questions for the Georgia Tech Occupational Safety and Health Program, visit pe.gatech.edu/osha-program-faqs.

» Track Your Certificate Progress

Construction Safety and Health

Completion Date **Requirement A**

_____ **OSHA 521:** OSHA Guide to Industrial Hygiene

_____ **OSHA 3015:** Excavation, Trenching, and Soil Mechanics

_____ **OSHA 3115:** Fall Protection

_____ **EST 7000:** Scaffolding Safety

Requirement B (choose one)

_____ **OSHA 500:** Trainer Course in Occupational Safety and Health Standards for Construction Industry

_____ **OSHA 502:** Update for Construction Industry Outreach Trainers

_____ **OSHA 510:** Occupational Safety and Health Standards for Construction Industry

Requirement C (choose one)

_____ Choose any one Occupational Safety and Health course not used for Requirements A or B. Certified Hazardous Material Manager (CHMM) Review may not be used.

Industrial Safety and Health

Completion Date **Requirement A**

_____ **OSHA 521:** OSHA Guide to Industrial Hygiene

_____ **OSHA 2045:** Machinery and Machine Guarding Standards

Requirement B (choose one)

_____ **OSHA 501:** Trainer Course in Occupational Safety and Health Standards for General Industry

_____ **OSHA 503:** Update for General Industry Outreach Trainers

_____ **OSHA 511:** Occupational Safety and Health Standards for General Industry

_____ **OTI 6005P:** Collateral Duty for Other Federal Agencies

Requirement C (choose three)

_____ Choose any one Occupational Safety and Health course not used for Requirements A or B. Certified Hazardous Material Manager (CHMM) Review may not be used.

Hazardous Materials Management

Completion Date **Requirement A**

_____ **HAZ 1006:** Advanced Hazmat School

_____ **OSHA 521:** OSHA Guide to Industrial Hygiene

_____ **OSHA 2015:** Hazardous Materials

_____ **OSHA 2225:** Respiratory Protection

Requirement B (choose one)

_____ **HAZ 1000:** 24-Hour Hazmat Technician
HAZ 1002: HAZWOPER Annual Refresher
HAZ 1004: HAZWOPER Site Operations

Requirement C (choose one)

_____ Choose any one Occupational Safety and Health course not used for Requirements A or B. Certified Hazardous Material Manager (CHMM) Review may not be used.

Safety and Health Management

Completion Date **Requirement A**

_____ **EST 7001:** Advanced Safety Management

_____ **EST 7003:** Instructional Techniques for Occupational Safety, Health, and Environmental Professionals

_____ **OSHA 2255:** Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders

Requirement B (choose one)

_____ **EST 7122:** Introduction to Safety and Health Management (Online)

_____ **OSHA 7500:** Introduction to Safety and Health Management

Requirement C (choose one)

_____ **EST 7123:** Introduction to Incident (Accident) Investigation (Online)

_____ **OSHA 7505:** Introduction to Incident (Accident) Investigation

Requirement D (choose one)

_____ Choose any one Occupational Safety and Health course not used for Requirements A, B, or C. Certified Hazardous Material Manager (CHMM) Review may not be used.



The certificate program in Public Sector Safety & Health Fundamentals supports OSHA's mission by training public sector employees in occupational safety and health to

reduce incident rates for workers in state and local governments. Participants have the opportunity to earn certificates for Construction and General Industry training.

Participants can choose from a variety of topics, such as occupational safety and health standards for the construction or general industry, safety and health management,

accident investigation, fall hazard awareness, and recordkeeping. Courses are available at OSHA Training Institute (OTI) Education Centers nationwide. Although this program was primarily designed for public sector employees, it is available for anyone interested in furthering their knowledge of occupational safety and health.

For additional information regarding the certificate program, go to osha.gov (Public Sector Certificate Program). To submit your information and to request a certificate, email us at otiec@innovate.gatech.edu.

Track Your Certificate Progress

Advanced Construction Safety and Health

Completion Date

Requirement A

- _____ **Completed Certificate in Construction Safety and Health**
- _____ **Completed Certificate in Hazardous Materials Management**
- _____ **Completed Certificate in Safety and Health Management**

Requirement B

- _____ **OSHA 2055: Cranes for Construction**

Advanced Industrial Safety and Health

Completion Date

Requirement A

- _____ **Completed Certificate in Hazardous Materials Management**
- _____ **Completed Certificate in Industrial Safety and Health**
- _____ **Completed Certificate in Safety and Health Management**

Requirement B

- _____ **EST 6000: Managing Environmental Compliance**

Advanced Safety and Health Management

Completion Date

Requirement A

- _____ **Completed Certificate in Safety and Health Management**
- _____ **Completed Certificate in Selected Topics in Occupational Health**

Requirement B

- _____ **DEF 4504: Introduction to Human Systems Integration**
- _____ **EST 7015: Value-Added Safety: Combining Lean Enterprise and Safety Management**
- _____ **EST 7124: Human Performance: Understanding Human Error**

Requirement C (choose three)

- _____ **EST 7125: Managing Legal Issues in General Industry, Construction, Engineering, and Safety**
- _____ **EST 7127: Modern Theories in Accident Causation**
- _____ **EST 7134: Human Performance II: Implementation**
- _____ **EST 7139: Foundation of Leadership for Safety Excellence**



Selected Topics in Occupational Health

Completion Date

Requirement A

- _____ **OSHA 521: OSHA Guide to Industrial Hygiene**
- _____ **OSHA 2225: Respiratory Protection**
- _____ **OSHA 2255: Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders**

Requirement B (choose three)

- _____ **EST 6000: Managing Environmental Compliance**
- _____ **EST 7008: Introduction to Noise Evaluation and Control**
- _____ **EST 7009: Air Sampling Fundamentals for the Workplace**
- _____ **EST 7010: Process Safety Management of Highly Hazardous and Explosive Chemicals**
- _____ **EST 7012: Topics in Occupational Health Management**
- _____ **EST 7016: OSHA Voluntary Protection Programs (VPP): Protect Employees Beyond OSHA Standards and Attain VPP (inactive)**
- _____ **EST 7128: Process Safety Management – Mechanical Integrity**
- _____ **EST 7132: OSHA Silica Standard: Gaining the Skills and Capabilities to Comply**
- _____ **EST 7140P: Hexavalent Chromium: Managing Exposure and Cleanup**

Requirements for All Certificates:

- All courses applied to a certificate program must be taken at Georgia Tech.
- Core courses taken for one certificate may not be used as an elective for another certificate.
- Only one free seminar can be used.
- Certificates must be completed within six years.

» Track Your Certificate Progress



Premier Occupational Safety and Health Certificate

The pinnacle achievement in safety and health training, the **Premier Occupational Safety and Health Certificate** requires completion of two of the three Advanced Certificates — **Advanced Construction Safety and Health, Advanced Industrial Safety and Health, and Advanced Safety and Health Management** — plus one additional elective. Students who achieve this impressive credential often say that as a result, they are able to boost their resumes, advance their careers, and even obtain pay raises!

• **Complete two of the three Advanced Certificates**

AND

• **Choose any one Occupational Safety and Health course not used for any other certificate. Certified Hazardous Material Manager (CHMM) Review may not be used.**



Facilities Maintenance Safety

Completion Date Requirement A

- _____ **EST 7005:** NFPA 70E: Standard for Electrical Safety in the Workplace
- _____ **OSHA 2045:** Machinery and Machine Guarding Standards
- _____ **OSHA 3095:** Electrical Standards
- _____ **OSHA 7115:** Lockout Tagout

Requirement B (choose one)

- _____ **OSHA 510:** Occupational Safety and Health Standards for Construction Industry
- _____ **OSHA 500:** Trainer Course in Occupational Safety and Health Standards for Construction Industry
- _____ **OSHA 502:** Update for Construction Industry Outreach Trainers

Requirement C (choose one)

- _____ **OSHA 511:** Occupational Safety and Health Standards for General Industry
- _____ **OSHA 501:** Trainer Course in Occupational Safety and Health Standards for General Industry
- _____ **OSHA 503:** Update for General Industry Outreach Trainers

Requirement D (choose one)

- _____ Choose any one Occupational Safety and Health course not used for Requirements A, B, or C. Certified Hazardous Material Manager (CHMM) Review may not be used.



Process Safety Management

Completion Date Requirement A

- _____ **EST 7010:** Process Safety Management of Highly Hazardous and Explosive Chemicals
- _____ **EST 7126:** Process Safety Management – Process Hazard Analysis
- _____ **EST 7129:** Advanced Process Safety Management – PSM II
- _____ **EST 7130:** Process Safety Management – PSM Auditing
- _____ **HAZ 1004:** HAZWOPER Site Operations

Requirement B (choose one)

- _____ **EST 6000:** Managing Environmental Compliance
- _____ **EST 7124:** Human Performance: Understanding Human Error
- _____ **EST 7135:** PSM I for Ammonia Systems **(new)**
- _____ **EST 7136:** API RP 1173 – Pipeline Safety Management Systems **(new)**
- _____ **OSHA 2015:** Hazardous Materials
- _____ **OSHA 7225:** Transitioning to Safer Chemicals

Requirement C (choose two)

Choose two courses from the list below or unused courses from Requirement B.

- _____ **EST 7001:** Advanced Safety Management
- _____ **EST 7012:** Topics in Occupational Health Management
- _____ **EST 7125:** Managing Legal Issues in General Industry, Construction, Engineering, and Safety
- _____ **EST 7131:** Process Safety Management – Executive Level Overview
- _____ **HAZ 1006:** Advanced Hazmat School
- _____ **OSHA 2264:** Permit-Required Confined Space Entry

» Registration

How to Register for a Course



1 Create an account profile on our website: pe.gatech.edu/user/register.

 Search

2 Visit pe.gatech.edu/safety or browse by subject or course name, using our search tool to find and then register for the course(s) you wish to attend.



3 Click the “My Cart” icon at the top of your screen to check out.



4 Verify that the course(s) in your cart is correct.



5 Choose your **payment method**, and check out.



6 You will receive an **automatic confirmation message** via email when complete.

Each student who participates in a Georgia Tech Professional Education course must complete a profile that meets the requirements of Georgia Tech Research Security and eliminates duplicate record creation.

How do I pay for a course?

Accepted payment methods include:

- Credit card or e-check (registrant is the credit card or check holder)
- Third-party credit card holder (company representative is the credit card holder)
- Purchase order (requires document upload of company PO or SF182)
- Georgia Tech PeopleSoft account (Georgia Tech employees only)
- GI Bill benefits (visit pe.gatech.edu/veterans-gi-bill-benefits-checklist for more information)
- Private loan (by request only)
- Company check (by request only)
- WIOA voucher (visit pe.gatech.edu/wia for more information)
- International wire payments (by request only)

Visit pe.gatech.edu/courses#payments for additional details on payment options.

How do I get to my occupational safety and health course?

Please see page 42 in the catalog for maps and directions for courses in Georgia. For out-of-state locations, please see page 43.

What is the 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 registrations to another course. Georgia Tech Professional Education is not responsible for airline refunds or fees, hotel fees, rental car deposits, or any other expenses incurred.

For withdrawal, transfer, and substitution request information, visit our website at pe.gatech.edu/withdrawal-sub-transfer.



For additional registration and Georgia Tech Professional Education questions, visit pe.gatech.edu/courses-FAQ.

2019-2020 Occupational Safety and Health Course Calendar

Course	Page	Price	Sept. 2019	Oct. 2019	Nov. 2019	Dec. 2019
OSHA 510: Occupational Safety and Health Standards for Construction Industry	8	\$875	17-20 Louisville, KY		5-8 Asheville, NC	2-6 Atlanta, GA
			Sept. 30-Oct. 4 Atlanta, GA			10-13 Mobile, AL
OSHA 500: Trainer Course in Occupational Safety and Health Standards for Construction Industry	9	\$875	24-27 Greenville, SC	Oct. 28-Nov. 1 Atlanta, GA		9-13 Atlanta, GA
OSHA 502: Update for Construction Industry Outreach Trainers	9	\$640		1-3 Atlanta, GA		
OSHA 511: Occupational Safety and Health Standards for General Industry	10	\$875	10-13 Louisville, KY		5-8 Asheville, NC	2-6 Atlanta, GA
			Sept. 30-Oct. 4 Atlanta, GA			10-13 Mobile, AL
OSHA 501: Trainer Course in Occupational Safety and Health Standards for General Industry	10	\$875	17-20 Greenville, SC	Oct. 28-Nov. 1 Atlanta, GA		9-13 Atlanta, GA
OSHA 503: Update for General Industry Outreach Trainers	11	\$640		1-3 Atlanta, GA		
OSHA 521: OSHA Guide to Industrial Hygiene	11	\$875			4-8 Atlanta, GA	
OSHA 2015: Hazardous Materials	11	\$875				
OSHA 2045: Machinery and Machine Guarding Standards	12	\$875			11-14 Savannah, GA	
OSHA 2055: Cranes for Construction	12	\$795	17-19 Atlanta, GA			
OSHA 2225: Respiratory Protection	12	\$790	10-13 Atlanta, GA			
OSHA 2255: Principles of Ergonomics Applied to Work-Related Musculoskeletal and Nerve Disorders	13	\$790				
OSHA 2264: Permit-Required Confined Space Entry	13	\$810				
OSHA 3015: Excavation, Trenching and Soil Mechanics	14	\$760	10-12 Savannah, GA	22-25 Atlanta, GA		
OSHA 3095: Electrical Standards	14	\$875	10-13 Atlanta, GA			
OSHA 3115: Fall Protection	15	\$790	24-26 Atlanta, GA			
OSHA 5410: Safety and Health Standards for the Maritime Industry	15	\$875				
OSHA 6005: Collateral Duty for Other Federal Agencies	15	\$440			5-8 Atlanta, GA	
OSHA 7115: Lockout Tagout	16	\$270		15 Atlanta, GA		
OSHA 7225: Transitioning to Safer Chemicals	16	\$270		29 Atlanta, GA		
OSHA 7500: Introduction to Safety and Health Management	16	\$270				
OSHA 7505: Introduction to Incident (Accident) Investigation	17	\$270		18 Atlanta, GA		
OSHA 7845: OSHA Recordkeeping Rule Seminar	17	\$160		4 Atlanta, GA		
DEF 4504: Introduction to Human Systems Integration	18	\$1,695				
EST 6000: Managing Environmental Compliance	19	\$795		22-24 Atlanta, GA		
EST 7000: Scaffolding Safety	19	\$270	July 1, 2019-Jan. 31, 2020 (Online)			
			9 Savannah, GA	21 Atlanta, GA		

Jan. 2020	Feb. 2020	Mar. 2020	Apr. 2020	May 2020	June 2020	July 2020	Aug. 2020	Sept. 2020	Oct. 2020	Nov. 2020	Dec. 2020
28-31 Savannah, GA	24-28 Atlanta, GA	17-20 Greenville, SC	20-24 Atlanta, GA	5-8 Savannah, GA 12-15 Nashville, TN	1-5 Atlanta, GA		3-7 Atlanta, GA 11-13 Orange Beach, AL	Sept. 28-Oct. 2 Atlanta, GA		10-13 Asheville, NC Nov. 30-Dec. 4 Atlanta, GA	8-11 Mobile, AL
	3-7 Atlanta, GA	3-6 Savannah, GA	Apr. 27-May 1 Atlanta, GA		15-19 Atlanta, GA		17-21 Atlanta, GA	22-25 Greenville, SC	26-30 Atlanta, GA		7-11 Atlanta, GA
7-9 Atlanta, GA		Mar. 31-Apr. 2 Atlanta, GA			9-11 Atlanta, GA	7-9 Savannah, GA		Sept. 29-Oct. 1 Atlanta, GA			
28-31 Savannah, GA	24-28 Atlanta, GA	10-13 Greenville, SC	14-17 Nashville, TN 20-24 Atlanta, GA	5-8 Savannah, GA	1-5 Atlanta, GA		3-7 Atlanta, GA 11-13 Orange Beach, AL	Sept. 28-Oct. 2 Atlanta, GA		10-13 Asheville, NC Nov. 30-Dec. 4 Atlanta, GA	8-11 Mobile, AL
	3-7 Atlanta, GA	3-6 Savannah, GA	Apr. 27-May 1 Atlanta, GA		15-19 Atlanta, GA		17-21 Atlanta, GA	15-18 Greenville, SC	26-30 Atlanta, GA		7-11 Atlanta, GA
7-9 Atlanta, GA		Mar. 31-Apr. 2 Atlanta, GA			9-11 Atlanta, GA	7-9 Savannah, GA		Sept. 29-Oct. 1 Atlanta, GA			
		16-20 Atlanta, GA				20-24 Atlanta, GA	25-28 Savannah, GA			2-6 Atlanta, GA	
		2-6 Atlanta, GA					10-14 Atlanta, GA				
			Apr. 27-May 1 Atlanta, GA				3-7 Atlanta, GA			9-12 Savannah, GA	
		17-19 Savannah, GA						15-17 Atlanta, GA			
	11-14 Atlanta, GA							15-18 Atlanta, GA			
7-10 Savannah, GA						28-31 Atlanta, GA					
14-16 Atlanta, GA					2-4 Atlanta, GA						
			21-24 Atlanta, GA					1-3 Savannah, GA	20-23 Atlanta, GA		
				12-15 Savannah, GA				1-4 Atlanta, GA			
		10-13 Atlanta, GA					7-10 Savannah, GA	22-25 Atlanta, GA			
					1-5 Savannah, GA						
										3-6 Atlanta, GA	
	27 Atlanta, GA								13 Atlanta, GA		
									27 Atlanta, GA		
13 Atlanta, GA		30 Atlanta, GA		4 Atlanta, GA		6 Savannah, GA	24 Atlanta, GA				
20 Atlanta, GA				18 Atlanta, GA					16 Atlanta, GA		
			17 Savannah, GA	1 Atlanta, GA	5 Atlanta, GA		7 Atlanta, GA		2 Atlanta, GA		
						21-23 Atlanta, GA					
		24-26 Atlanta, GA							20-22 Atlanta, GA		
			20 Atlanta, GA				31 Savannah, GA		19 Atlanta, GA		

Course	Page	Price	Sept. 2019	Oct. 2019	Nov. 2019	Dec. 2019
EST 7001: Advanced Safety Management	19	\$1,295				
EST 7003: Instructional Techniques for Occupational Safety, Health, and Environmental Professionals	20	\$940		14-18 Atlanta, GA		
EST 7005: NFPA 70E: Standard for Electrical Safety in the Workplace	21	\$270	9 Atlanta, GA			
EST 7006: Certified Hazardous Material Management (CHMM) Review	21	\$900			4-7 Atlanta, GA	
EST 7007: Construction Health and Safety Technician (CHST) Certification Exam Study Session	21	\$795		9-11 Atlanta, GA		
EST 7008: Introduction to Noise Evaluation and Control	22	\$270		16 Atlanta, GA		
EST 7009: Air Sampling Fundamentals for the Workplace	22	\$270		17 Atlanta, GA		
EST 7010: Process Safety Management of Highly Hazardous and Explosive Chemicals	22	\$1,395	16-20 Atlanta, GA			
EST 7013: Power Transmission and Distribution	23	\$270				
EST 7015: Value-Added Safety: Combining Lean Enterprise and Safety Management	23	\$1,095				
EST 7018: Trainer Course: Electrical Safety Standard for the Workplace, NFPA 70E	26	\$795				3-4 Atlanta, GA
EST 7122: Introduction to Safety and Health Management (Online)	26	\$270	July 1-Dec. 31 (Online)			
EST 7123: Introduction to Incident (Accident) Investigation (Online)	26	\$270	July 1-Dec. 31 (Online)			
EST 7124: Human Performance: Understanding Human Error	27	\$1,295				
EST 7125: Managing Legal Issues in General Industry, Construction, Engineering and Safety	27	\$325	23 Atlanta, GA			
EST 7126: Process Safety Management – Process Hazard Analysis	28	\$1,395				
EST 7127: Modern Theories in Accident Causation	28	\$495				
EST 7128: Process Safety Management – Mechanical Integrity (Online)	28	\$395				
EST 7129: Advanced Process Safety Management – PSM II	29	\$1,395				
EST 7130: Process Safety Management – PSM Auditing	30	\$1,395		21-24 Atlanta, GA		
EST 7132: OSHA Silica Standard: Gaining the Skills and Capabilities to Comply	31	\$270		4 Atlanta, GA		
EST 7134: Human Performance II – Implementation	31	\$925			19-21 Atlanta, GA	
EST 7135: PSM I for Ammonia Systems (Online)	32	\$1,395				
EST 7136: API RP 1173 – Process Safety for Pipeline Safety Management Systems	33	\$1,395			18-22 Atlanta, GA	
EST 7137: Occupational Health and Safety Technician (OHST) Certification Exam Study Workshop	33	\$795	11-13 Atlanta, GA			
EST 7139: Foundations of Leadership for Safety Excellence	34	\$925	24-26 Atlanta, GA			
HAZ 1000: 24-Hour Hazmat Technician	36	\$675				10-12 Smyrna, GA
HAZ 1002: HAZWOPER Annual Refresher	37	\$270	5 Smyrna, GA			5 Smyrna, GA
HAZ 1004: HAZWOPER Site Operations	37	\$1,035		7-11 Smyrna, GA		
HAZ 1006: Advanced Hazmat School	37	\$1,035				
HAZ 7022: Permit Required Confined Space Entry and Rescue Level 2	38	\$1,295	17-19 Smyrna, GA			

Legend:

Asheville, NC
 Atlanta, GA
 Greenville, SC
 Louisville, KY
 Savannah, GA
 Mobile, AL
 Nashville, TN
 Online
 Orange Beach, AL
 Smyrna, GA

Jan. 2020	Feb. 2020	Mar. 2020	Apr. 2020	May 2020	June 2020	July 2020	Aug. 2020	Sept. 2020	Oct. 2020	Nov. 2020	Dec. 2020
14-17 Atlanta, GA				5-8 Atlanta, GA							
					1-5 Atlanta, GA				12-16 Atlanta, GA		
				11 Savannah, GA			31 Atlanta, GA				
										2-5 Atlanta, GA	
13-15 Atlanta, GA							Aug. 31-Sept. 2 Atlanta, GA				
				18 Atlanta, GA					14 Atlanta, GA		
	10 Atlanta, GA								15 Atlanta, GA		
27-31 Atlanta, GA											
				16 Atlanta, GA							
			14-15 Atlanta, GA								
											1-2 Atlanta, GA
	25-27 Atlanta, GA						25-27 Atlanta, GA				
								21 Atlanta, GA			
			Apr. 27-May 1 Atlanta, GA								
					23-24 Atlanta, GA						
Jan. 1-July 31 (Online)											
						27-31 Atlanta, GA					
									19-22 Atlanta, GA		
10 Atlanta, GA		9 Atlanta, GA	3 Atlanta, GA						2 Atlanta, GA		
						21-23 Atlanta, GA				17-19 Atlanta, GA	
Jan. 1-July 31 (Online)											
										16-20 Atlanta, GA	
15-17 Atlanta, GA								2-4 Atlanta, GA			
									6-8 Atlanta, GA		
					2-4 Atlanta, GA						8-10 Atlanta, GA
		17 Atlanta, GA		28 Atlanta, GA				10 Atlanta, GA			3 Atlanta, GA
			6-10 Atlanta, GA						5-9 Atlanta, GA		
						13-17 Atlanta, GA					
								15-17 Atlanta, GA			



Occupational Safety and Health Program

A partnership of three Georgia Tech entities:
Safety, Health, and Environmental Services, Enterprise Innovation Institute, and
Georgia Tech Professional Education

11 Professional Certificates **11** Locations **82** Unique Courses **218** Course Dates

Georgia Tech's Occupational Safety and Health Program acknowledges and thanks our partner in safety:



Georgia Institute of Technology
Professional Education
P.O. Box 93686
Atlanta, GA 30377-0686