



Georgia Tech
Professional Education

Occupational Safety and Health Training 2022



Georgia Tech

An Authorized



Training Institute
Education Center®

▶ 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.

PUBLIC SECTOR
Safety & Health Fundamentals
OSHA® Certificate Programs

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

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

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
- ☐ OSHA 7215: Silica in Construction, Maritime and General Industries*

* OTI 7215 or EST 7132 may be used for Requirement B, but not both.

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

There are two tracks to complete this certificate program:

- **Track 1:** All courses in Requirement A and two courses from Requirement B.
- **Track 2:** All courses in Requirement A, one course from Requirement B, and three courses from Requirement C.

Completion Date

Requirement A (Track 1 and 2 - all required)

- _____ ☐ **EST 7010:** Process Safety Management of Highly Hazardous and Explosive Chemicals
- _____ ☐ **EST 7126:** Process Safety Management – Process Hazard Analysis
- _____ ☐ **EST 7129:** Advanced Safety Management – PSM II
- _____ ☐ **EST 7130:** Process Safety Management – PSM Auditing
- _____ ☐ **OSHA 521:** OSHA Guide to Industrial Hygiene
- _____ ☐ **OSHA 2015:** Hazardous Materials

continued

▶ Track Your Certificate Progress

continued



Process Safety Management

Completion Date

Requirement B

(Track 1 - choose two)

(Track 2 - choose one)

- _____ ☐ **EST 6000:** Managing Environmental Compliance
- _____ ☐ **EST 7001:** Advanced Safety Management
- _____ ☐ **EST 7124:** Human Performance: Understanding Human Error
- _____ ☐ **EST 7134:** Human Performance II - Implementation
- _____ ☐ **EST 7135:** – PSM I for Ammonia Systems
- _____ ☐ **EST 7136:** – API RP 1173 – Pipeline Safety Management Systems
- _____ ☐ **HAZ 1004:** HAZWOPER Site Operations
- _____ ☐ **HAZ 1006:** Advanced Hazmat School
- _____ ☐ **OSHA 2264:** Permit-Required Confined Space Entry

Requirement C

(Track 2 only - choose three)

- _____ ☐ **EST 7000:** Scaffolding Safety
- _____ ☐ **EST 7005:** NFPA 70E: Standard for Electrical Safety in the Workplace
- _____ ☐ **EST 7123:** Introduction to Incident (Accident) Investigation
- _____ ☐ **OSHA 2055:** Cranes for Construction
- _____ ☐ **OSHA 7215:** Silica in Construction, Maritime and General Industries
- _____ ☐ **OSHA 7225:** Transitioning to Safer Chemicals
- _____ ☐ **HAZ 1015:** Incident Command Annual Refresher
- _____ ☐ **HAZ 1016:** Fundamentals of Incident Management

Notes