



Specialist in Safety and Health (SSH)

This is a fundamental certification program requiring four (4) OSHA course. This certificate requires no experience in safety and health in order to complete. Completion of the four courses will provide you with practical, hands-on experience to help you to make an immediate impact at your company. You will become aware of laws and regulations that affect your industry and learn how to communicate safety and health issues to management to reduce workplace injuries and illnesses.

These courses will help you to take what you have learned in class and implement an effective safety program at your workplace.

Who Should Take the Courses?

- Individuals in industry who have an interest in preventing workplace injuries and illnesses.
- Individuals just starting out in the safety field or who have an interest in finding a position in safety
- Safety and Environmental Health professionals, Risk Managers, Human Resource managers, Facility managers, company owners, and executives, safety committee members, and supervisors
- Federal, state, and municipality staff with safety and health responsibilities

There is a \$95 processing fee for the Certification, there is no time limit in which the courses must be completed.

GENERAL CERTIFICATE

Required

OSHA 511 Standards of General Industry

Electives (pick 3)

OSHA 521 Introduction to Industrial Hygiene
OSHA 2015 Hazardous Materials
OSHA 2045 Machinery and Machine Safeguarding
OSHA 2225 Respiratory Protection
OSHA 2255 Principles of Ergonomics
OSHA 2264 Permit Required Confined Space
OSHA 3095 Electrical Standards
OSHA 3115 Fall Protection
OSHA 501 Trainer Course for General Industry
OSHA 510 Standards for Construction Industry

CONSTRUCTION CERTIFICATE

Required

OSHA 510 Standards of Construction Industry

Electives (pick 3)

OSHA 2015 Hazardous Materials
OSHA 2225 Respiratory Protection
OSHA 2264 Permit Required Confined Space
OSHA 3095 Electrical Standards
OSHA 3015 Excavation, Trenching, & Shoring
OSHA 3115 Fall Protection
OSHA 501 Trainer Course for Construction Industry
OSHA 511 Standards for General Industry



Certified Safety and Health Official (CSHO)

The Certified Safety and Health Official certificate guides you through this growing maze of increasingly important safety regulations by helping you develop your staff's expertise in safety and health strategies. Participants in the Certified Safety and Health Official certificate program can complete an OSHA certificate in either construction or general industry.

How You Can Benefit

- Develop the skills and knowledge for developing and delivering health and safety programs.
- Develop your staff's expertise in health and safety strategies.
- Gain knowledge of changing regulations, guidance documents and regulatory interpretations.
- Earn appropriate credentials to teach and lead others.
- Demonstrate competency when dealing with regulatory agencies.

Participants in the Certified Safety and Health Official Professional Certificate can customize their interest by pursuing the Construction or General Industry CSHO certificate and through a selection of core required courses and electives. Courses taken can also be applied toward the advanced level Safety, Health, and Environmental Professional (SHEP) Certificate.

There is a \$95 processing fee for the Certification, there is no time limit in which the courses must be completed.

GENERAL CERTIFICATE

Required Courses

OSHA 511 Standards for General Industry
OSHA 2045 Machinery and Machine Safeguarding
OSHA 2225 Respiratory Protection
OSHA 2255 Principles of Ergonomics
OSHA 2264 Permit Required Confined Space
OSHA 3095 Electrical Standards

Electives (pick 2)

OSHA 501 Trainer Course for General Industry
OSHA 510 Standards for Construction Industry
OSHA 521 Introduction to Industrial Hygiene
OSHA 2015 Hazardous Materials
OSHA 3015 Excavation, Trenching & Shoring
OSHA 3115 Fall Protection

CONSTRUCTION CERTIFICATE

Required Courses

OSHA 510 Standards for Construction Industry
OSHA 521 Introduction to Industrial Hygiene
OSHA 2225 Respiratory Protection
OSHA 3015 Excavation, Trenching & Shoring
OSHA 3115 Fall Protection
OSHA 3095 Electrical Standards

Electives (pick 2)

OSHA 500 Trainer Course in Construction
OSHA 511 Standards for General Industry
OSHA 2015 Hazardous Materials
OSHA 2045 Machinery and Machine Safeguarding
OSHA 2255 Principles of Ergonomics
OSHA 2264 Permit Required Confined Space



Safety, Health, & Environmental Professional (SHEP)



This certificate program is nationally recognized. You must obtain your CSHO either as a part of earning your SHEP or prior to starting. In addition to CSHO (The Safety and Health section of this certification) one (1) course in Risk Management and two (2) courses in Environmental must be completed. The certification costs \$95 and there is no time limit in which the courses must be completed.

Safety and Health

Required (1)

- CSHO General Industry
(Requires no additional electives)
- CSHO Construction Industry
(Requires no additional electives)
- OSHA 501 Trainer Course in General Industry
(Requires four (4) OSHA electives)
- OSHA 500 Trainer Course in Construction Industry
(Requires four (4) OSHA electives)

Electives

- OSHA 521 Guide to Industrial Hygiene
- OSHA 2015 Hazardous Materials
- OSHA 2045 Machine and Machine Guarding Standards
- OSHA 2225 Respiratory Protection
- OSHA 2250 Principles of Ergonomics
- OSHA 2264 Permit-Required Confined Space Entry
- OSHA 3010 Excavation, Trenching, & Soil Mechanics
- OSHA 3095 Electrical Standards
- OSHA 3110 Fall Protection

Risk Management

Required

- RMSM 6010 Safety, Health, & Environmental Risk Management

Environmental

Required (1)

- EHSM 6036 Introduction to Environmental Compliance and Management

Electives (1)

- EHSM 6201 Fundamentals of Air Quality
- EHSM 6301 Basic Water & Waste Regulations
- EHSM 6401 Waste Management
- EHSM 6402 Pollution Prevention & Lean Principles
- EHSM 7900-7901 HAZWOPER 24 or 40 Hour

Seminars *(Two (2) seminars required to count as one elective)*

- EHSM 7932 Environmental Water Regulations
- EHSM 7931 RCRA Refresher
- EHSM 7930 Environmental Air Regulations
- EHSM 7902 HAZWOPER 8-HR Refresher
- EHSM 7940 DOT shipping, Handling, & Storage of Hazardous Substance
- EHSM 7941 DOT Shipping, Handling, & Storage of Hazardous Substances

Occupational Health and Safety



Associate in Applied Science (Total Credit Hours – 64)

GENERAL EDUCATION REQUIREMENTS

At least 18 credit hours from at least 3 of the 5 General Education curriculum areas

WRITTEN / ORAL COMMUNICATIONS

<input type="checkbox"/>	ENGL	1204	English Composition I	OR		3
<input type="checkbox"/>	ENGL	1205	Technical and Report Writing			
<input type="checkbox"/>	BSTC	1036	Computer Concepts & Applications	OR		3
<input type="checkbox"/>	BSTC	1001	Introduction to Computers	OR		
<input type="checkbox"/>	BSTC	1023	Data Base Management	OR		
<input type="checkbox"/>	BSTC	1685	Spreadsheet Applications	OR		
<input type="checkbox"/>	OFTC	1696	Word Processing Applications	OR		
<input type="checkbox"/>	BSTC	1698	Information Processing System Mgmt			
TOTAL						6

HUMANITIES

Fine Arts						
<input type="checkbox"/>						
Language Arts						
<input type="checkbox"/>	COMM	1220	Organizational Communications	OR		3
<input type="checkbox"/>	ENGL	1236	Technical Communications	OR		
<input type="checkbox"/>	COMM	1230	Public Speaking			
<input type="checkbox"/>						
Philosophy / History / Religion						
<input type="checkbox"/>						
TOTAL						3

SOCIAL and BEHAVIORAL SCIENCES

Social Science						
<input type="checkbox"/>	SOCI	1100	Introduction to Sociology	OR		3
<input type="checkbox"/>	SOCI	1104	Contemporary Social Problems	OR		
<input type="checkbox"/>	SOCI	1129	Cross-Cultural Awareness	OR		
<input type="checkbox"/>						
Behavioral Science						
<input type="checkbox"/>	PSYC	1000	General Psychology			3
<input type="checkbox"/>						
Economics / Political Science						
<input type="checkbox"/>						
TOTAL						3

NATURAL SCIENCE and MATHEMATICS

<input type="checkbox"/>	MATH	1806	Technical Mathematics	OR		3
<input type="checkbox"/>	MATH	1824	Intermediate Algebra	OR		
<input type="checkbox"/>	MATH	1828	College Algebra			
<input type="checkbox"/>	PHSC	1404	Physical Geography	OR		3
<input type="checkbox"/>	LIFE	1413	Environmental Science	OR		
<input type="checkbox"/>	LIFE	1426	Renewable Energy Sources	OR		
<input type="checkbox"/>	LIFE	1425	Residential Energy Efficiency			
<input type="checkbox"/>						
TOTAL						6

REQUIREMENTS for SPECIFIC MAJOR:

MAJOR REQUIREMENTS						
<input type="checkbox"/>	HZMT	1934	ISO 14000			3
<input type="checkbox"/>	HZMT	1912	Industrial Hygiene & Toxicology			3
<input type="checkbox"/>	HZMT	1940	Introduction to Ergonomics			3
<input type="checkbox"/>	HZMT	1950	Characteristics of Hazardous Materials			3
<input type="checkbox"/>	OSHA	1933	Workplace Accident Investigation			3
<input type="checkbox"/>	OSHA	1927	Fundamentals of Occupational Safety and Health Construction Industry			3
<input type="checkbox"/>	OSHA	1928	Fundamentals of Occupational Safety and Health General Industry			3
<input type="checkbox"/>	OSHA	1929	Introduction to Fire Prevention			3
<input type="checkbox"/>	OSHA	1930	Practicum in Occupational Safety & Health			3
<input type="checkbox"/>	OSHA	1932	Work Practices Controls/ Safety Audits			3
<input type="checkbox"/>	OSHA	1931	Safety Training Methods for Adult Learners			3
<input type="checkbox"/>						
TOTAL						33

MAJOR ELECTIVES

<input type="checkbox"/>	HZMT	1917	DOT Regulations			3
<input type="checkbox"/>	HZMT	1919	Hazardous Waste Operations & Emergency Response	OR		3
<input type="checkbox"/>	EMHS	1907	Hazardous Materials Response Operations (OPS level)			
<input type="checkbox"/>	HZMT	1907	Resource Conservation & Recovery Act	OR		3
<input type="checkbox"/>	HZMT	1909	Clean Air & Water Regulations			
<input type="checkbox"/>	OSHA	1006	Permit Required Confined Space Entry			1.5
<input type="checkbox"/>	OSHA	1007	Guide to Industrial Hygiene			2
<input type="checkbox"/>	OSHA	1008	Principles of Ergonomics			1.5
<input type="checkbox"/>	OSHA	1009	Fall Arrest Systems			1.5
<input type="checkbox"/>	OSHA	1010	Electrical Standards			2
<input type="checkbox"/>	OSHA	1011	Excavation, Trenching & Soil Mechanics			1.5
<input type="checkbox"/>	OSHA	1012	Hazardous Materials			2
<input type="checkbox"/>	OSHA	1013	Machinery & Machine Guarding Standards			2
<input type="checkbox"/>	OSHA	1914	OSHA General Industry Regulations			2
<input type="checkbox"/>	OSHA	1925	OSHA Construction Industry Regulations			2
<input type="checkbox"/>	OSHA	1970	Trainer course in Standards for Construction			3
<input type="checkbox"/>	OSHA	1971	Trainer course in Standards for General Industry			3
<input type="checkbox"/>	OSHA	1972	Respiratory Protection			2
<input type="checkbox"/>						
TOTAL (credits in HZMT or OSHA classes)						13

Review Date 5/16
Revision Date 5/16

Student Name: _____ ID#: _____

Placement Scores: ___ English ___ Math ___ Reading

www.bartonccc.edu

1-800-748-7594

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