

Occupational Safety & Health Degree and Certificates Executive Summary

Purpose/Goal

- In 2012 Barton was awarded the designation (non-monetary 5 year contract) of “OSHA Training Institute Education Center, OTIEC” which not only authorized Barton to offer 48 different OSHA courses but required us to offer most of them annually. Along with the authorization to offer the classes came the expectation that we must also offer several certificates that are authorized by OSHA.
- The certificates, SAP’s were disapproved by KBOR as we lacked a safety degree to tie them to.
- There is no other AAS safety degrees being offered by a public institution in the state of Kansas.
- Our goal is to stand up the AAS degree and several certificates.
- The degree will be offered resident as well as online with the certificates only being offered resident (OSHA restriction).

Certificates

- The certificates are OSHA certificates not Barton’s however we have written syllabi for each class so the certificates would be eligible for VA and count as major electives for the degree.
 - Specialist In Safety & Health, SSH (General Industry) (6.5 credits)
 - Specialist In Safety & Health, SSH (Construction Industry) (6.5 credits)
 - Certified Safety & Health Official, CSHO (General Industry) (14 Credits)
 - Certified Safety & Health Official, CSHO (Construction Industry) (14 Credits)
- These certifications are offered by all 42 OSHA Education Centers
<http://www.bartonsafety.org/certificates.html>

Degree:

- This would be the only Occupational Safety & Health 2 year Degree in the state offered by a public institution.
- Will be adding the degree to our Fort Riley Military programs as well as Online and after hours.
- Fort Leonard Wood is also interested in us offering the degree.

Overall Rationale:

- With KBOR not approving the certificates without a degree as well as Fort Riley, Fort Leonard Wood, several business & industry, and Kansas Department of Labor supporting the development of the degree it makes sense for us to proceed.
- We also have students who have completed our Hazmat degree and certificates who have asked why we don’t offer a safety degree.
- It complements our designation of OSHA Education Center.
- Fits in with our PETE and CCCHST partnership and future plans.

Respectfully Submitted:

John Truitt, Executive Director Technical & Military Programs
Bill Nash, Fort Riley Dean of Technical & Military outreach

OCCUPATIONAL SAFETY & HEALTH



Associate in Applied Science (Total Credit Hours – 64)

REQUIREMENTS for SPECIFIC MAJOR:

WRITTEN / ORAL COMMUNICATIONS				
<input type="checkbox"/>	ENGL	1204	English Composition I OR	3
<input type="checkbox"/>	ENGL	1205	Technical and Report Writing	
TOTAL				3

HUMANITIES				
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	
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	
Behavioral Science				
<input type="checkbox"/>	PSYC	1000	General Psychology	3
TOTAL				3

NATURAL SCIENCE and MATHEMATICS				
<input type="checkbox"/>	MATH	1806	Technical Mathematics OR	3
<input type="checkbox"/>	MATH	1823	Fundamentals of Mathematics OR	
<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	
TOTAL				6

COMPUTER TECHNOLOGY				
<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				3

MAJOR REQUIREMENTS				
<input type="checkbox"/>	HZMT	1903	Environmental Management OR	3
<input type="checkbox"/>	HZMT	1934	ISO 14000	
<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		Workplace Accident Investigation	3
<input type="checkbox"/>	OSHA		Fundamentals of Occupational Safety and Health Construction Industry	3
<input type="checkbox"/>	OSHA		Fundamentals of Occupational Safety and Health General Industry	3
<input type="checkbox"/>	OSHA		Introduction to Fire Prevention	3
<input type="checkbox"/>	OSHA		Practicum in Occupational Safety & Health	3
<input type="checkbox"/>	OSHA		Work Practices Controls/ Safety Audits	3
<input type="checkbox"/>	OSHA		Safety Training Methods for Adult Learners	3
TOTAL				33

MAJOR ELECTIVES (12 credits in HZMT or OSHA classes)				
<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	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	2
<input type="checkbox"/>	OSHA	1012	Hazardous Materials	2
<input type="checkbox"/>	OSHA	1013	Machinery & Machine Guarding Standards	1.5
<input type="checkbox"/>	OSHA	1014	OSHA General Industry Regulations	2
<input type="checkbox"/>	OSHA	1025	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
TOTAL				13

Student Name: _____ ID#: _____ Placement Scores: ___ English ___ Math
 ___ Reading

www.bartonccc.edu 1-800-748-7594

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Certified Safety & Health Official (CSHO) Construction Industry



Certificate (Total Credit Hours 14)

REQUIREMENTS (11 Credit Hours)			
<input type="checkbox"/> OSHA	1970	OSHA Trainer course in Standards for Construction Industry	2
<input type="checkbox"/> OSHA	1925	OSHA Construction Industry Regulations	2
<input type="checkbox"/> OSHA	1009	Fall Arrest System	1.5
<input type="checkbox"/> OSHA	1011	Excavation, Trenching, & Shoring	1.5
<input type="checkbox"/> OSHA	1007	Introduction to Industrial Hygiene	2
<input type="checkbox"/> OSHA	1010	Electrical Standards	2
Electives -pick 2 (3 Credit Hours)			
<input type="checkbox"/> OSHA	1006	Permit Required Confined Space	1.5
<input type="checkbox"/> OSHA	1972	Respiratory Protection	2
<input type="checkbox"/> OSHA	1012	Hazardous Materials	2
<input type="checkbox"/> OSHA	1013	Machinery and Machine Safeguarding	2
<input type="checkbox"/> OSHA	1008	Principles of Ergonomics	1.5
TOTAL			14

Review Date: 12/14
Revision Date: 12/14

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Placement Scores: ___ English ___ Math ___ Reading

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Certified Safety & Health Official (CSHO) General Industry



Certificate (Total Credit Hours 14)

REQUIREMENTS (11 Credit Hours)			
<input type="checkbox"/> OSHA	1971	OSHA Trainer course in Standards for General Industry	2
<input type="checkbox"/> OSHA	1925	OSHA Construction Industry Regulations	2
<input type="checkbox"/> OSHA	1006	Permit Required Confined Space	1.5
<input type="checkbox"/> OSHA	1008	Principles of Ergonomics	1.5
<input type="checkbox"/> OSHA	1013	Machinery and Machine Safeguarding	2
<input type="checkbox"/> OSHA	1010	Electrical Standards	2
Electives -pick 2 (3 Credit Hours)			
<input type="checkbox"/> OSHA	1972	Respiratory Protection	2
<input type="checkbox"/> OSHA	1007	Introduction to Industrial Hygiene	2
<input type="checkbox"/> OSHA	1012	Hazardous Materials	2
<input type="checkbox"/> OSHA	1009	Fall Arrest System	1.5
<input type="checkbox"/> OSHA	1011	Excavation, Trenching, & Shoring	1.5
TOTAL			14

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Specialist in Safety & Health (SSH) Construction Industry



Certificate (Total Credit Hours 6.5)

REQUIREMENTS			
<input type="checkbox"/> OSHA	1925	OSHA Construction Industry Regulations	2
Electives -pick 3			
<input type="checkbox"/> OSHA	1914	OSHA General Industry Regulations	2
<input type="checkbox"/> OSHA	1970	OSHA Trainer course in Standards for The Construction Industry	2
<input type="checkbox"/> OSHA	1972	Respiratory Protection	2
<input type="checkbox"/> OSHA	1006	Permit Required Confined Space	1.5
<input type="checkbox"/> OSHA	1010	Electrical Standards	2
<input type="checkbox"/> OSHA	1009	Fall Arrest System	1.5
<input type="checkbox"/> OSHA	1012	Hazardous Materials	2
<input type="checkbox"/> OSHA	1011	Excavation, Trenching, & Shoring	1.5
TOTAL			6.5

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Student Name: _____ ID#: _____

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Specialist in Safety & Health (SSH) General Industry



Certificate (Total Credit Hours 6.5)

REQUIREMENTS			
<input type="checkbox"/> OSHA	1914	OSHA General Industry Regulations	2
Electives -pick 3			
<input type="checkbox"/> OSHA	1925	OSHA Construction Industry Regulations	2
<input type="checkbox"/> OSHA	1971	OSHA Trainer course in Standards for General Industry	2
<input type="checkbox"/> OSHA	1006	Permit Required Confined Space	1.5
<input type="checkbox"/> OSHA	1972	Respiratory Protection	2
<input type="checkbox"/> OSHA	1007	Introduction to Industrial Hygiene	2
<input type="checkbox"/> OSHA	1008	Principles of Ergonomics	1.5
<input type="checkbox"/> OSHA	1012	Hazardous Materials	2
<input type="checkbox"/> OSHA	1010	Electrical Standards	2
<input type="checkbox"/> OSHA	1009	Fall Arrest System	1.5
<input type="checkbox"/> OSHA	1013	Machinery and Machine Safeguarding	2
TOTAL			6.5

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