

**ENDS Statement Six
Regional Workforce Needs
Fiscal Year 2013**

Environmental Technology & Military Programs

What drives you?
BARTON
COMMUNITY COLLEGE

The College will address regional workforce needs...

Indicator #1 - The College will develop strategies to identify and address on-going needs

The College's Environmental Technology and Military Programs Division utilize a variety of resources to respond to regional (national) workforce needs. Specific agencies and resources that regulate and assist with the identification of workforce training needs include:

Military Directives

- Military doctrine and service schools (Army Regulations)
 - The Army Training and Doctrine Command (TRADOC)
 - Quartermaster (logistics)
 - Transportation
 - Combat Arms (Infantry, Artillery, Military Police, Engineers, Chemical Corps)
 - U.S. Army Medical Department (AMEDD)
 - Research
 - Laboratory
 - War fighting
 - Training
 - National Guard Bureau
 - Federal regulations
 - State regulations
- Post/State requirements/regulations (Post/Division Regulation Supplements)
- Brigade/Unit requirements (ARTEPS) Army Training and Evaluation Programs

Governmental Directives

- Department of Labor (CFR 29)
 - Occupational Safety and Health Administration
 - General Industry (1910)
 - Construction (1925)
- Department of Transportation (CFR 49)
 - National Highway Traffic Safety Administration
 - Federal Aviation Administration
 - Federal Motor Carrier Safety Administration
 - Pipeline and Hazardous Materials safety Administration
 - Federal Railroad Administration
- **Kansas Department of Transportation**
 - Transportation of Hazmat
 - Transportation Safety

- **Environmental Protection Agency (CFR 40)**
 - Clean Air and Water ACT
 - Resource Conservation and Recovery Act (RCRA)
 - Superfund Amendments and Reauthorization Act (SARA)
 - Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- **Kansas Department of Health and Environment (KDHE)**
 - Household Hazardous Waste (HHW)
 - Land Fills and Solid Waste
- **Department of Homeland Security (DHS)**
- **Federal Emergency Management Agency (FEMA)**
 - Presidential Directives
 - Federal Policy
- **Kansas Department of Emergency Management (KDEM)**
 - **Geary, Dickenson, Clay and Riley County Emergency Management**
 - Community Emergency Response Team (CERT)
 - National Incident Management System (NIMS)
 - Incident Command System (ICS)

Advisory Boards/Committees

- An essential ingredient to connect classroom instruction with workforce needs.
- Individuals who serve on advisory boards are recognized and respected representatives within their field.
- Members assist in the development of programs that ensure that our students have the skills necessary to successfully complete work place tasks.
- Recommend class/skill changes within programs or classes.

<i>Emergency Management (Homeland Security)</i>	Federal Emergency Management Agency (FEMA) "Higher Education Program", Kansas Department of Emergency Management (KDEM), Kansas Emergency Management Association (KEMA)
Occupational Safety	OSHA, Midwest OSHA Training Consortium, USARMY Safety Command, Fort Rucker (C-12), National Environmental Safety and Health Training Association (NESHTA)
<i>Sustainable Energy</i>	Advanced Technology Environmental and Energy Center (ATEEC), Sustainable Energy Education and Training (SEET), Department of Energy (DOE), National Renewable Energy Laboratory (NREL),
<i>Logistics Management</i>	The Army Training and Doctrine Command (TRADOC), Army Fort Riley
<i>Maintenance Management</i>	The Army Training and Doctrine Command (TRADOC), Army Quartermaster Center, Fort Riley Material Command

<i>Leadership</i>	The Army Training and Doctrine Command (TRADOC), Department of Defense (DOD)
<i>Hazardous Waste Management</i>	Army Chemical School, Department of Transportation (DOT), Kansas Department of Transportation (KDOT), Kansas Department of Health and Environment (KDHE) Hazardous Materials Training and Research Institute (HMTRI),
<i>Transportation of Hazardous Materials</i>	The Army Training and Doctrine Command, (TRADOC), Department of Transportation (DOT), Kansas Department of Transportation KDOT (KDOT), Hazardous Materials Training and Research Institute (HMTRI),
<i>Emergency Medical (Military)</i>	USARMY, Army Medical Department (Fort Sam), National Registry
<i>Environmental Compliance</i>	National Partnership for Environmental Education and Training (PETE), Advanced Technology Environmental and Energy Center (ATEEC), Kansas Department of Health and Environment (KDHE), Environmental Protection Agency (EPA)

Employers

- It is critically important that the College extend itself to employers in all our service areas to develop and maintain professional relationships.
- Creation of these partnerships places the institution in a position of awareness with respect to current and future happenings within the business community, i.e. available positions, skills needed, economic changes, etc.

Chamber of Commerce & Technical Committees

- The Environmental Technology and Military Programs departments' involvement with various military and community committees provides insight to current and future training needs.
- The department currently serves as a member of the Junction City Chamber of Commerce.

Trends & Opportunities

- The Hazardous Materials & Emergency Services, OSHA Training Institute and Military Programs department participates in numerous workshops and conferences state wide as well as nationally.
- The Department participates in American Council on Education Military and Industry Reviews throughout the nation. These reviews allow the department to compare local curriculum with other industry and military training providers.
- Instructors and instructional staff attend specialized training opportunities provided by state, regional and national consortiums that provide new or updated workplace skills.
- Attend bi-annual OSHA directors meetings where OSHA's training institute as well as the other 28 Education centers meet to plan and discuss training mandates and curricular matters on a national level.

Indicator #2 - The College will organize area resources in addressing needs

- The military program provides services as needed throughout the state of Kansas and nationally with training provided in over 13 states.
- The Hazardous Materials program have provided contract as well as custom certificate training across the state of Kansas for KDHE, KDOT, community college/tech programs and several large and small businesses.
- The Hazardous Materials & Emergency Services Training Institute as the first and only OSHA Training Institute in the state of Kansas and 1 of 4 in region VII has within its first year conducted classes throughout the state of Kansas as well as Iowa.

Indicator # 3 & 4 - The College will build effective partnerships in addressing workforce needs and be recognized as a leader in economic development

- Several Memoranda of Understandings (MOUs) have been in place for over 15 years with Fort Riley and the Kansas National Guard.
- The HMESTI/Military department participates on several national boards and committees; National Partnership for Environmental Training and Education (PETE), Community and College Consortium of Safety and Health Trainers (CCCSHT), Sustainable Energy Education and Training (SEET), Federal Emergency Management Agency (FEMA) Higher Education Project, Local Emergency Planning Committee, Geary County (LEPC), Community Emergency Response Team (classes and coordination) several staff/instructors are volunteer firefighters and EMS within Riley, Dickenson, and Clay counties.
- The HMESTI department participates in curriculum development through our partnerships with PETE, CCCHST and FEMA. Several of these curriculum development workshops have led to adoption of the curriculum by federal agencies i.e. Disaster Site Worker course, OSHA/EPA, Foreign Animal Disease, Department of Homeland Security, Combustible Dust, OSHA as well as several other courses. We were selected to participate on a FEMA Higher Education Focus group (5 members from across the nation) to develop core outcomes for an Associate degree in Emergency Management to be used nationally.
- We also presented at the Annual American Association of Community College's Workforce Training Conference in San Diego, California on how community colleges need to incorporate OSHA training in technical programs.
- Presented at FEMA's Virtual Symposium, Emergency Management Critical Thinkers: "Optimizing Programs to Help New, Experienced, and Expert Leaders Enhance Marketability" with 109 attendees from 34 states and 12 countries participated.



	8-Hr Household Hazardous Waste	24-Hr Household Hazardous Waste	HAZWOPER	HAZWOPER Refresher	24-hr Emergency Response	Emergency Response Refresher	DOT Regulations Refresher	Qualitative Fit Testing	Quantitative Fit Testing	Qualitative Fit Testing T-t-T	PBUSE	SAMS-E	CPR/AED/First Aid	Motorcycle Safety Course	TOTAL # of STUDENTS
Barber County HHW		1													1
Barton County HHW	5														5
Cheyenne County HHW		1													1
City of Chanute		1													1
City of Olathe				1											1
Clay County HHW	3	1													1
Cowley County HHW		1													1
Dickinson County HHW	3														3
Edwards County HHW	2														2
Finney County HHW		1													1
Ford County HHW	3														3
Ft. Riley HHW		3													3
Fuller Brush Company				1											1
Geary County HHW	2														2
Grandview Plaza Fire Department									21						21
Gray County HHW	2														2
Harvey County HHW		1													1
Hodgeman County HHW	2														2
Individual Students			2										2	138	142
Johnson County HHW		1													1
Junction City Fire Department									55						55
Junction City Police Department									15						15
KS Dept. of Health & Environment (KDHE)			2	131											133
KS Dept. of Transportation (KDOT)				7	7										14
Kiowa County HHW		1													1
Leavenworth County HHW		2	1												3
LESCO									1						1



Hazardous Materials & Emergency Services Training Institute

	8-Hr Household Hazardous Waste	24-Hr Household Hazardous Waste	HAZWOPER	HAZWOPER Refresher	24-hr Emergency Response	Emergency Response Refresher	DOT Regulations Refresher	Qualitative Fit Testing	Quantitative Fit Testing	Qualitative Fit Testing T-t-T	PBUSE	SAMS-E	CPR/AED/First Aid	Motorcycle Safety Course	TOTAL # of STUDENTS
Miami County HHW		2													2
Montgomery County HHW		1													1
Morris County HHW	1	1													2
Nemaha County HHW	2														2
Ness County HHW	3														3
New Horizons RV								2							2
Osborne County HHW		2													2
Pawnee County HHW	1														1
Phillips County HHW		1													1
Pottawatomie County HHW	4														4
Pratt County HHW	4	2													6
QSI, Inc.								2							2
Red Barn Pet Products					6										6
Riley City Fire Department								11							11
Riley County HHW	3														3
Rush County HHW	2														2
Shawnee County HHW		1													1
Sherman County HHW		1													1
Smith County HHW	3	1													4
Trego County HHW	2														2
Veolia Water								4							4
Washington County HHW	3	1													4
Wabaunsee County HHW	2														2
TOTAL # of STUDENTS/CLASS	52	27	5	140	6	7	0	0	111	0	0	0	2	138	485
TOTAL # OF ORANIZATIONS SERVED:															42
TOTAL # OF STUDENTS SERVED:															485



Hazardous Materials & Emergency Services Training Institute



<u>COURSE</u>	<u># of STUDENTS</u>	<u>TOTAL PER CLASS</u>
8-Hr Household Hazardous Waste	52	\$6,370.00
24-Hr Household Hazardous Waste	27	\$10,125.00
HAZWOPER	5	\$2,700.00
HAZWOPER Refresher	140	\$22,750.00
24-Hr Emergency Response	6	\$4,211.50
Emergency Response Refresher	7	\$1,137.50
DOT Regulations Refresher	0	\$0.00
Qualitative Fit Testing	0	\$0.00
Quantitative Fit Testing	111	\$2,220.00
Qualitative Fit Testing T-t-T	0	\$0.00
PBUSE	0	\$0.00
SAMS-E	0	\$0.00
CPR/AED/First Aid	2	\$159.00
Motorcycle Safety Course	138	\$45,195.00
GRAND TOTAL	488	\$94,868.00



Military Schools

	Ammunition Handler	Armorer	Armorer Supervisor	Bus Driver	Battle Staff Course	CBRN	CPR	Combat Life Saver (CLS)	CLS Recertification	Digital Training Management System	Field Sanitation	Fuel Handler	HAZWOPER	Maintenance Manager	Master Driver	MILES	PBUSE	PBUSE MGR	Power Generation	PRTL	SAMS-E	SAMS-E MGR	Self Help	DOT Regs 92F	Physical Security	Total
Grand Total Enrollments	559	319	94	203	31	138	118	1747	129	403	282	127	198	42	191	227	131	92	47	183	152	0	280	133	366	6192
Credit Hours	1677	957	188	609	279	690	59	3494	129	806	564	254	578	200	573	227	393	173	47	549	760	0	560	133	366	14265



C4 Facility

	BSTC 1023 Database Management	BSTC 1036 Computer Concepts and Applications	BSTC 1685 SpreadSheets Applications	BUSI 1804 Human Relations in Business	BUSI 1807 Customer Service	NTWK 1068 Help desk Fundamentals	
Grand Total Enrollments	28	20	37	21	27	19	152
Credit Hours	84	60	111	63	81	38	437



	Ammunition Handler	Combat Lifesaver	Bus Driver	CBRN	Digital Training Management	Fuel Handler	HAZWOPER	Master Driver	Maintenance Manger	PRTLC	PBUSE Clerk	PBUSE Manager	SAMS-E Clerk	SAMS-E Manager	Unit Armorer	Unit Armorer Supervisor	TC AIMS	TOTAL # of STUDENTS	Contract Payment Received
Emporia, KS (KSANG -44 Trans)		23																23	\$2,490
Fort Gordon, GA															17			17	\$14,000
Fort Knox, KY				21	16			17				21			60		39	174	\$67,300
Fort Leavenworth, KS	38		12				21			21			18		21	21	19	171	\$11,050
Fort Mead, MD															25			25	\$14,800
Fort Sill, OK					79	52		55	21	36	37		57	18				355	\$61,860
Salina, KS (KSARNG-44 Trans)		25																	
Topeka, KS (KSARNG- 81st Trans)		17																17	\$2,500
Totals	38	65	12	21	95	52	21	72	21	57	37	21	75	18	123	21	58	782	\$174,000



	Ammunition Handler	Combat Lifesaver	Bus Driver	CBRN	Digital Training Management	Fuel Handler	HAZWOPER	Master Driver	Maintenance Manger	PRTLC	PBUSE Clerk	PBUSE Manager	SAMS-E Clerk	SAMS-E Manager	Unit Armorer	Unit Armorer Supervisor	TC AIMS	TOTAL # of STUDENTS	EST OF SATE AID
Emporia, KS (KSANG -44 Trans) CRN 27106		23																23	\$4,830
Fort Leavenworth, KS CRN: 17039, 17096, 17226, 17295 17458, 27182, 27566, 39206, 33011	38		12				21			21			18		21	21	19	171	\$55,440
Salina, KS (KSARNG-44 Trans) CRN 27105		25																	\$5,250
Totals	38	48	12				21			21			18		21	21	19	194	\$65,520

