

POLICY TYPE: ENDS #2 WORK PREPAREDNESS
Students will be prepared for success in the workplace

Indicator 1

Students will have the skills and knowledge required for successful entry into the workplace.

Program Concentrators: A postsecondary student, with a declared major in a Perkins approved program, who has passed 12 tiered credit hours in that major over a three-year time period (data compiled from the Kansas Board of Regents follow-up report.)

Summer 2016, Fall 2016, Spring 2017

	Pursuing Add Educ(A)	Status Unknown (0)	Full-Time Military (1)	Employed in Related Field (2)	Employed Not Related Field (3)	Still Enrolled At Barton (4)	Unemployed Not Pursuing Additional Education (5)	Still enrolled at Barton (spring) (9)	Disabled (B)	Deceased (7)	Furthering Education Enrolled/CC	Dept of Corrections (D)	TOTALS
Automotive		2		5	2	7							16
Agriculture Bus Mgmt.		1			1	2				1			5
Beef Cattle				1									1
Crop Protection				1		1							2
Bus, Mgmt., Leadership	2	4	5	4	1	8	1				1		26
Business Admin Tech				1									1
Comp Aided Drafting													0
Criminal Justice													0
Dietary Manager		7	1	10		1							20
Early Childhood		3	1	5	3	7							19
Infant/Toddler													0
Child Development				1									1
Emergency Mgmt.		5	7			11					1		24
EMS I/C				4									4
EMS TO1				17		4							21
EMS TO2													0
EMT	2	2	8	17	5	6					1		41
Adv Emerg Tech			2	19									21
Paramedic			6	12	1	8							27
Gas Measurement													0
Hazardous Materials			6			9					1		16
Healthcare Doc													0
Manufacturing Skills											34	11	45
Medical Admin Tech			1	1	1								3
Medical Assistant				4	1	5	2						12
Medical Coding		8	1	4	1	6	2		1				23
Medical Lab Technician		12		5		8							25
Phlebotomy		5		2		1							8
Networking Specialist		1	2		1	10					1		15

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Military Leadership			2										2
Natural Gas Tech		4		6	1	1	1						13
Medication Aide		1		3		1							5
Nurse Aide	4	31		25	2	26		1			2		91
Nursing-LPN		4		1	1	28							34
Nursing-RN		11		8		4					6		29
Pharmacy Tech		2	3	1		4		2					12
Technical Accounting			1	3		3	1						8
Welding		2		1	3	2						76	84
Qualified 401K													0
Retirement Plan		1											1
Tax Exempt													0
TOTALS	8	106	46	161	24	163	7	3	1	1	47	87	654

Healthcare Certification Pass Rates

Reflects First Time Pass Rates; Reference Information at Conclusion of Report

Program		2012-13	2013-14	2014-15	2015-16	2016-17
Nursing RN	# Attempted	26	40	25	27	18
	# Passed	15	29	19	12	16
	Pass Rate	57.69%	72.5%	76%	44.44%	88.89%
	National Avg	83.04%	79.26%	82%	81.68%	84.24%
Practical Nursing Certificate	# Attempted	30	28	38	24	21
	# Passed	29	27	30	21	21
	Pass Rate	96.67%	96.43%	79%	87.5%	100%
	National Avg	84.63%	82.16%	81.89%	83.73%	83.84%
Certified Nurse Aide (CNA)	# Attempted	138	165	132	89	109
	# Passed	113	150	114	82	105
	Pass Rate	82%	91%	86%	92%	96%
Certified Medical Aide (CMA)	# Attempted	21	10	28	11	18
	# Passed	21	10	27	11	17
	Pass Rate	100%	100%	96%	100%	94%
Medical Laboratory Tech	# Attempted	2	9	10	7	8
	# Passed	1	8	6	5	7
	Pass Rate	50%	89%	60%	71%	88%
	National Avg	78%	74%	75%	81%	81%
EMT	# Attempted	45	31	24	41	35
	# Passed	22	16	15	27	28
	Pass Rate	49%	52%	63%	66%	80%
	National Avg	78%	69%	66%	71%	68.5%
AEMT	# Attempted	3	25	5	7	17
	# Passed	1	20	4	6	10
	Pass Rate	33%	80%	80%	86%	59%
	National Avg	52%	57%	58%	57%	55%
Paramedic	# Attempted	18	20	22	31	16
	# Passed	13	18	17	22	13
	Pass Rate	72%	90%	77%	71%	81%
	National Avg	71%	72.5%	75%	76%	72%
Dietary Manager	# Attempted	23	26	9	11	11
	# Passed	17	20	7	7	10
	Pass Rate	69.05%	77%	78%	64%	92%
	National Avg	73.9%	74.4%	74%	71%	75%
Pharmacy Technician	# Attempted		4	1	5	1
	# Passed		4	0	3	1
	Pass Rate		100%	0	60%	100%
	National Avg		76%	75%	57%	58%
Medical Assistant	# Attempted		5	3	8	6
	# Passed		4	3	7	5
	Pass Rate		80%	100%	88%	83%
	National Avg				74%	74%
Licensure Exams, Overall	# Attempted	306	363	297	261	263
	# Passed	232	306	242	203	233
	Pass Rate	75.8%	84%	82%	78%	89%

Trades & Technology Pass Rates

Reflects First Time Pass Rates; Reference Information at Conclusion of Report

Program		2012-13	2013-14	2014-15	2015-16	2016-17
Automotive NATEF - Brakes	# Attempted	24	7	4	4	2
	# Passed	17	7	4	2	2
	Pass Rate	71%	100%	100%	50%	100%
Automotive NATEF - Electrical	# Attempted		7	4	4	0
	# Passed		5	4	2	0
	Pass Rate		71.4%	100%	50%	
Automotive NATEF – Engine Performance	# Attempted		7	4	4	0
	# Passed		5	2	3	0
	Pass Rate		71.4%	50%	75%	
Automotive NATEF - Suspension	# Attempted		7	4	4	3
	# Passed		6	3	3	3
	Pass Rate		86%	75%	75%	100%
Early Childhood (CDA)	# Attempted	4	0	0	1	1
	# Passed	4	0	0	1	1
	Pass Rate	100%			100%	100%
Information Security	# Attempted	7	4	10	15	12
	# Passed	6	4	10	11	11
	Pass Rate	86%	100%	100%	73%	91.7%
Certiport MOS (Access)	# Attempted	2	0	0	0	0
	# Passed	2	0	0	0	0
	Pass Rate	100%				
Certiport MOS (Excel)	# Attempted	3	3	0	0	0
	# Passed	2	2	0	0	0
	Pass Rate	67%	67%			
IC3	# Attempted	12	0	33	36	28
	# Passed	8	0	27	30	27
	Pass Rate	67%		82%	83%	96%
EMS Instructor/Coord	# Attempted		7	0	10	6
	# Passed		7	0	10	6
	Pass Rate		100%		100%	100%
EMS Training Officer I	# Attempted		20	22	25	25
	# Passed		20	22	25	25
	Pass Rate		100%	100%	100%	100%
EMS Training Officer II	# Attempted		12	11	11	11
	# Passed		12	11	11	11
	Pass Rate		100%	100%	100%	100%
Commercial Driver's License (CDL)	# Attempted			15	13	29
	# Passed			9	12	27
	Pass Rate			60%	92%	93%
Licensure Exams, Overall	# Attempted	52	74	107	127	117
	# Passed	39	68	92	110	113
	Pass Rate	75%	92%	86%	87%	97%

Certification Reference Information

Nursing (RN & PN)

- Students may retake the NCLEX every 45 days for two years and after this time period, they must petition KSBN for permission to test. This usually includes some remediation.
- A new PN passing standard was established in 2015. A new passing standard for RN was implemented in 2013.

CNA/CMA

- CNA Students may retest every 30 days and may attempt the exam three times. If a student fails after the third attempt, they must retake the course.
- CMA students may attempt the exam two times. If a student fails after the second attempt, they must retake the course.
- New textbook may have impacted pass rates.

MLT

- Students are eligible to retest immediately; however, it takes 30-40 days to process their request.
- Students may retest three times. After the third attempt, students must complete remediation (identified by CLEC)
- Students have up to five years to test, therefore, each year is not a true cohort group score. The students testing could be from multiple years and as long as 4+ years since graduation.

Emergency Medical Services

- Students may test with two years of the last day of their training program and may retest up to six times
- Passing the written exam and passing the practical assessment is separate. If a student passes their practical, but fails their written they only have to retake the written.
- Students must pass both their written and their practical exam within the same 12 month period.
- Kansas has adopted the NREMT (National Registry of EMT) practical and written exams so once a student passes their boards they are nationally and Kansas certified.
- Nothing has changed in the past year or two for pass rates.
- There are curriculum changes currently in the implementation phase for paramedic testing. Students are now being required to have a portfolio that shows not only skill check sheets, but also scenario based training prior to the start of clinicals and internship. They no longer want to see proficiency, but want to see mastery prior to clinicals and FI. This is a complete paradigm shift for paramedic education. It is likely to double the amount of required class time to get students through the skill training. In the past the program focused on teaching pathophysiology, critical thinking, differential diagnosis, etc. and used clinicals and field internship to teach mastery once the students had gained proficiency in the lab. This will change and the program won't be able to do nearly as much didactic study as we have in the past. Students will be required to increase their independent learning and focus more on skills. Testing is also changing and is moving from component skills to scenario based testing. Pilots programming across the nation that includes the curriculum and testing changes has resulted in significant reductions in the number of students who are passing test. It has taken these pilot locations multiple years to regain the national average or above on student testing.

Dietary Manager

- Students may retake the certification exam every 90 days; retakes are unlimited, but students must pay the exam fee each time.
- The (ANFP) curriculum is new and it is reflected in the exam which started March 2016.

Pharmacy Technician

- Candidates are allowed four attempts to pass the PTCE. Candidates must apply and pay (\$129) for each attempt.

- Candidates who are unsuccessful at passing the PTCE must wait 60 days from the most recent attempt to apply for the second and third attempts, and six months for the fourth attempt.
- After four attempts, candidates will need to petition the Pharmacy Technician Certification Board in writing for additional attempts. Petitions will only be considered and approved by PTCB if candidates provide a substantial reason for PTCB to permit another examination attempt, such as the completion of additional exam preparation activities.
- There was a change in the format of the PTCE. The updated exam has nine knowledge domains instead of three, with revised proportions of emphasis. The updated PTCE results are now reported on a new score scale, ranging from 1000 to 1600, with a passing score being 1400.

Medical Assistant

- Number of students testing was down; pass rate was up.

Automotive Service Excellence

- Students may retest every 30 days; no retesting maximums

Early Childhood - CDA-Child Development Associate

- Students may retest every 6 months; no retesting maximums
- Students are not required to take the test. The exam fee is cost prohibitive, particularly if it is not covered by financial aid. Beginning fall 2016, the fee will be incorporated into a course fee so it is covered by Financial Aid and easier for Barton to track.

Information Security

- Number of students testing has increased; pass rates are up.

IC3

- Number of students increased in 15-16 – pass rate was up considerably.

CDL-Commercial Driver's License

- Students may retest four times. If they fail after this number of attempts, there is a six month waiting period. After this timeframe, individuals have to once again take the knowledge test to obtain their learner's permit. Students must wait two weeks after obtaining their learner's permit to attempt the skills test (driving test).

Indicator 2

Students will have the work ethics, discipline, and collaborative skills necessary to be successful in the workplace.

Kansas Board of Regents Employer Follow-up Survey

Employers rate graduates as “Excellent” or “Good” in the following areas:	
GENERAL EDUCATION	
Math Computational Skills and Reasoning	84%
Oral Communication Skills	87%
Written Communication Skills	84%
Computer Skills	87%
Problem Solving Skills	84%
Critical Thinking Skills	81%
TECHNICAL EDUCATION	
Knowledge/Skills Related to Employment Position	90%
Operating Job-Related Tools, Instruments & Equipment	87%
PROFESSIONALISM	
Organizational/Time-Management Skills	81%
Quantity/Quality Of Work Accomplished	90%
Following Directions	90%
Working Independently	87%
Working Cooperatively With Others (Team Work)	81%
Leadership/Promotion Potential	87%
Attitude (Initiative, Cooperation, Loyalty, Attendance, Personal Appearance)	87%
Ability/willingness to learn	94%
Understands the need for continuing education	88%
Accepts advice, supervision and constructive criticism	84%
Seeks to continuously improve performance	88%
Work Ethics (reliability, punctuality, integrity, judgment, maturity, politeness, dependability, confidentiality, etc.)	87%
Maintains Confidentiality	94%
Customer Focused	90%

41 employers were surveyed; 31 surveys returned. 75% return rate

Essential Skills Program

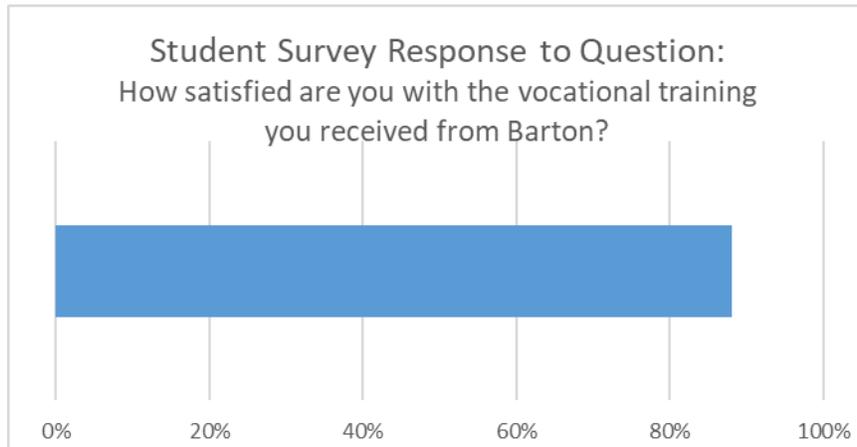
The WTCE Division continues to facilitate discussions, activities and learning opportunities specific to workplace essential skills. The project provides an introduction to skills identified and desired by employers. Skills addressed include: Accountability, Communications, Critical Thinking, Customer Service, Professionalism and Self-Management.

Indicator 3

Students will have the skills and knowledge necessary to maintain, advance, or change their employment or occupation.

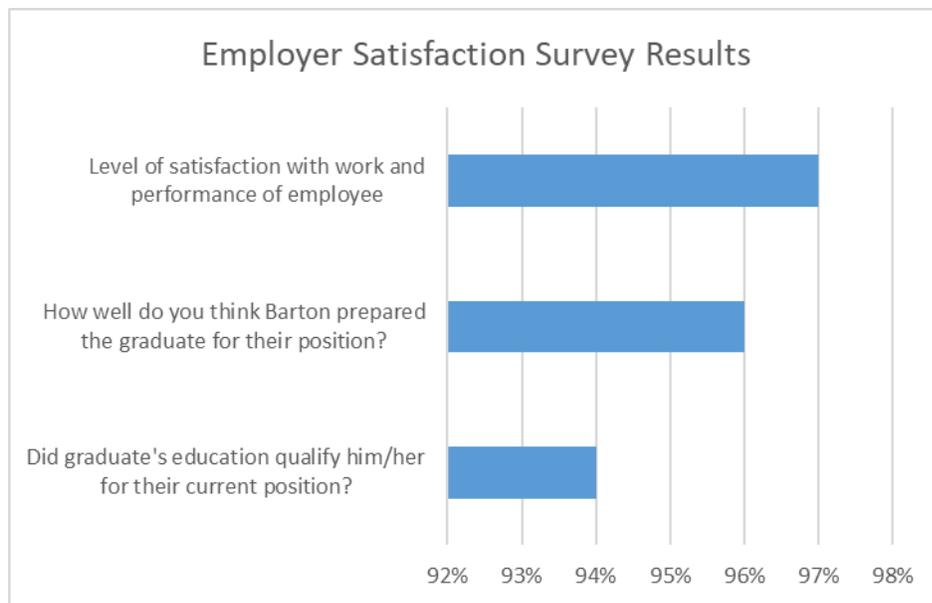
Kansas Board of Regents Student Satisfaction Survey

Results of Student Satisfaction Surveys sent to 2016-17 completers (fall 2017).



Barton Community College Employer Satisfaction Survey

Results of Employer Satisfaction Surveys sent to employers of the 2016-17 completers (fall 2017).



Career Technical Division Achievements

The following are examples of career technical education initiatives that help to ensure Barton offers programs which provide students with education and training that prepares them for the workforce and/or assists their current careers:

- Department of Revenue – Contract for CDL Testing Site (continued)
- Department of Agriculture – Contract for Weights & Measures Continuing Education
- Recipient of IRE Department of Education Grant - Correctional Education (continued)
- Enhanced Partnership with Larned Correctional Mental Health Facility – New Facility for Carpentry, Plumbing & Welding programs; CDL Training
- New Program Approval – Scales Technician
- Annual Career Fair
- NATEF Accreditation Renewed (Automotive Program)

Respectfully Submitted:

- Elaine Simmons – Dean of Workforce Training & Community Education
- Krystall Barnes – Perkins Coordinator