

**Postsecondary Technical Education Authority**

**AGENDA**

Kansas Board of Regents

1000 SW Jackson, Suite 520, Topeka, KS

**10:00 AM - Thursday, February 28, 2019**

**CONFERENCE CALL**

**I. CALL TO ORDER**

- A. Approve Previous Minutes (January 23, 2019) Chair Frederick

**II. REPORTS**

- A. Introductions Chair Frederick  
B. Chair's Report Chair Frederick  
C. Member Liaison Reports TEA Members  
D. Vice President for Workforce Development Report Vice President Smathers  
E. Report from the Community Colleges President Calvert  
F. Report from the Technical Colleges President Schears

**III. CONSENT AGENDA**

- A. Budget and Finance Committee Committee Chair M. Johnson  
Kansas Nursing Initiative: Professional Development Grants Associate Director Brown

**IV. OTHER MATTERS**

- A. Updated CIP Evaluations with 3-year K-TIP data Vice President Smathers  
B. Contractual Partnerships Vice President Smathers  
C. Update on FY18 Adult Education performance results Senior Director Beene  
D. Update on FY17 Carl D. Perkins performance results Senior Director Beene

- V. NEXT MEETING REMINDER** (Wednesday March 28, 2019) Chair Frederick

**VI. ADJOURNMENT**

**Conference Call Information**

**Dial in:** (785) 422-6104

**Conference Code:** 8982276

**PRELIMINARY MINUTES  
KANSAS POSTSECONDARY  
TECHNICAL EDUCATION AUTHORITY  
MEETING**

The January 23, 2019 meeting of the Kansas Postsecondary Technical Education Authority (TEA) was held at the Capitol Plaza Hotel, 1717 SW Topeka Blvd., Room Shawnee BC, Topeka, Kansas.

**Members Present**

Ray Frederick Jr., Chair	Eddie Estes
Rita Johnson	Jason Cox
Mike Johnson	Stacy Smith
Mike Beene	
Debra Mikulka	

**Members Absent**

Sabrina Korentager	Brett Spangler
Delia Garcia	

**Others Represented**

Northwest Kansas Technical College	Salina Area Technical College
Hutchinson Community College	KSDE
Cowley Community College	Flint Hills Technical College
Manhattan Area Technical College	SKILLS USA
KACCTE	Pratt Community College

**Kansas Board of Regents Staff Present**

Scott Smathers	April Henry
Charmine Chambers	Connie Beene
Tobias Wood	Susan Henry
Chris Lemon	Vera Brown

**CALL TO ORDER**

The meeting was called to order by Chair Frederick at 10:00 A.M.

**APPROVAL OF MINUTES**

**Motion:** Member M. Johnson moved to approve the minutes of December 6, 2018. Following a second by Member Estes, the motion carried.

**REPORTS**

Introductions

Chair Frederick recognized Skills USA Director Becky Warren, who introduced this year's Skills USAS officers.

Chair's Report

Chair Frederick shared that attended the Wichita Rotary Club meeting.

Member Liaison Reports

None.

## Vice President for Workforce Development Report

Chair Frederick called on Vice President Smathers to provide Members with a Workforce Development report. Vice President Smathers reported that the new Foresight 2020 report is complete and can be found on the KBOR website, a copy of which was provided to members. Vice President Smathers informed members that a new TEA member replacing Dong Quach would soon be named, and that he just received a notice of resignation from member Bret Spangler and that position will need filled as well. He announced that KBOR has requested a Governor's Proclamation naming February as CTE month, and details for attending the signing of the proclamation will be forwarded to members. Vice President Smathers participated in radio interviews regarding Excel in CTE, engineering, adult education and GED for a series of radio spots that will be run in Kansas City and Wichita in February. He reported he is working on a second project through the Innovative Career Education (ICE<sup>3</sup>) program and is in discussions with a company in Kansas City and will report again as details are finalized. He informed members that KBOR is discussing university service areas, which is one of KBOR's goals to re-evaluate, and they have asked for feedback from community and technical colleges, with ongoing discussions to take place over the next few months. He reported that Senior Director Beene and the Adult Education group received an 18-month grant from Walmart focusing on retail and hospitality industries and adult education training. Vice President Smathers reported that the timeline for the Perkins transition plan is being completed, referring to Senior Director Beene to give members a brief report. Senior Director Beene informed members that the Perkins Transition Plan will be submitted in the Spring, covering the time frame of June 2019 – July 2020. The plan will be on the TEA Agenda in February for approval to be forwarded to KBOR for their approval.

## Report from the Community Colleges

Chair Frederick called upon Pratt Community College President Mike Calvert to provide members with a report from the community colleges.

## Report from the Technical Colleges

Chair Frederick called upon Northwest Kansas Technical College President Schears to provide members with a report from the technical colleges.

**CONSIDERATION OF DISCUSSION AGENDA**

## Technical Program and Curriculum Committee

## Program Approval Criteria

Chair Frederick called upon Technical Program and Curriculum Committee Chair R. Johnson to lead discussions regarding revising the current program approval criteria. Chair Johnson reported that the Technical Program and Curriculum Committee met on January 10, 2019 and the following program approval criteria is recommended for approval by the TEA:

- 1) To identify technical skill proficiency, industry recognized credentials will be evaluated based on the process previously approved by the TEA in 2015
- 2) For programs to be listed in the Kansas Higher Education Data System, 50% of technical courses, or at least 12 credit hours (whichever is higher) needs to be taught by the institution, and only courses taught by the institution are eligible for postsecondary funding

- 3) Only programs approved for state funding will be listed in the Kansas Higher Education Data System
- 4) Electives must be related to the program(s) to which they are assigned
- 5) Institutions must control curriculum with the flexibility to add items as they see fit
- 6) Institutions must control who enrolls in course/programs
- 7) Courses for which a college has program and course approval, taught by an instructor employed by or paid by the institution, or reimbursed under a KBOR approved contractual partnership training agreement (e.g., CEP) will be eligible for postsecondary state funding. Instruction must be provided by the college directly, or through a contractual arrangement in which the college is fully responsible for the training provided and the hiring of the instructor. To be "fully responsible" there must be an employer-employee relationship established between the college and the instructor, or through a KBOR approved contractual partnership training agreement (e.g., CEP) Such agreement must state that the instructor of the course meets the employment and credentialing standards of the regionally accredited college and is subject to compliance with applicable policies, rules, and regulations of the college as required of all part-time/adjunct faculty for the college

Chair Johnson informed members that upon approval by the TEA the application of this criteria for new program submissions would be effective immediately.

**Motion:** Following discussion, Member Cox moved to approve the new program approval criteria as presented. Following a second by Member Beene, the motion carried.

#### Existing Program Review

Technical Program and Curriculum Committee Chair Johnson called upon Director Henry to lead discussions regarding the existing program review criteria process. Director Henry explained the background on the current review process according to Kansas statutory guidance.

During its September 27, 2018 TEA meeting and strategic planning session, the TEA and the Community College and Technical College representatives developed four criteria for reviewing new and existing programs and determining technical programs:

- 1) All institutions must be considered an "eligible institution" based on statutory language provided in K.S.A. 71-1802;
- 2) To identify technical skill proficiency, industry recognized credentials will be evaluated based on the process previously approved by the TEA in 2015;
- 3) To identify if a program/occupation requires less than a baccalaureate degree as defined in K.S.A. 71-1802(i)
  - a) the program will be initially compared to the U.S. Department of Labor's "typical level of education required". If the U.S. Department of Labor shows an educational level less than a bachelor's degree, the program was affirmed to be a technical program
  - b) If the program fails to meet the U.S. Department of Labor's "typical level of education required", the program may be compared to a 3<sup>rd</sup> party database to determine if 75% of jobs in Kansas may be obtained with training consistent with legislation and less than a baccalaureate degree; and
- 4) Technical programs must consist of at least 55% tiered technical courses

During the review of programs, it became clear to Board staff that two areas of the agreed upon criteria appeared to have been too restrictive:

- 1) Requiring 75% or more of the job postings in Kansas to require less than a bachelor's degree would eliminate critical programs such as Registered Nursing. Board staff recommends lowering this percentage to 50%
- 2) Requiring technical programs to consist of 55%-tiered courses adversely affects many programs, including but not limited to, Agriculture, Information Technology, Hospitality, Industrial Technology, Manufacturing, and Healthcare. The percentage of courses deemed tiered or non-tiered within a program are not always controllable at the institutional level. One example is that all healthcare programs include many science courses due to the nature of the occupation, thus leading programs to fall short of the 55%.

During its December 6, 2018 TEA meeting, Board staff presented all technical programs compared to the four criteria. Upon review, it was concluded that the four criteria be further refined as follows:

- 1) (unchanged) All institutions must be considered an "eligible institution" based on statutory language provided in K.S.A. 71-1802;
- 2) (unchanged) To identify technical skill proficiency, industry recognized credentials will be evaluated based on the process previously approved by the TEA in 2015;
- 3) (unchanged) To identify if a program/occupation requires less than a baccalaureate degree as defined in K.S.A. 71-1802(i)
  - a) (unchanged) the program will be initially compared to the U.S. Department of Labor's "typical level of education required." If the U.S. Department of Labor shows an educational level less than a bachelor's degree, the program was affirmed to be a technical program
  - b) If the program fails to meet the U.S. Department of Labor's "typical level of education required," the program may be compared to a 3<sup>rd</sup> party database (Burning Glass, Emsi, JobsEQ, or equivalent) to determine if 50% of jobs in Kansas may be obtained with training consistent with legislation, less than a baccalaureate degree
- 4) (eliminated)

**Motion:** Member M. Johnson moved to approve the amended existing program review criteria as presented. Following a second by Member R. Johnson, the motion carried.

Director Henry informed members that after reviewing all CIP codes utilized by the technical programs, 126 meet the initial program review criteria. Each CIP Code was cross walked to its associated SOC Code(s). If the related SOC Code(s) required less than a bachelor's degree, the program was deemed appropriate for the "technical" status.

Director Henry informed members that a full list of the CIP Codes/SOC Occupation comparison, meeting the criteria has been provided in the meeting packet. All programs have been reviewed by KBOR staff based on the amended program review criteria and staff recommends moving the 28 CIP Codes not meeting the program review criteria from "technical" status to "non-technical" status.

Chair Johnson informed the TEA that KBOR Staff began evaluation of current programs, applying the revised criteria and applying the definition of "technical program", CIP codes to SOC codes and education level required. Information was provided to members, identifying programs as currently meeting criteria, not meeting criteria and CIP codes needing further review. Upon approval of the revised criteria, the Technical Program and Curriculum Committee recommends 1) all new program proposals must meet the criteria to move forward with the approval process and 2) programs to be moved from "technical" status will move beginning with academic year 2021 which begins July 1, 2020.

Board staff recommends the following for the 41 CIP Codes requiring further review:

- 1) CIP Codes/SOC Occupation comparisons show 20 CIP codes used by institutions have conflicting SOC Code educational levels. Since at least one occupation may be obtained with an associate degree or less, Board staff recommend retaining these CIP Codes as “technical” programs.
- 2) CIP Codes/SOC Occupation comparisons show 6 programs with an entry level for employment as a bachelor’s degree or higher; however, the JobsEQ RTI data show that between 50-94% of the job posting in 2017 required less than a bachelor’s degree. Board staff recommend retaining these CIP Codes as “technical” programs.

**Motion:** Member Mikulka moved to approve the application of the existing program approval criteria effective academic year 2021. Following a second by Member Beene, the motion carried.

- 3) CIP Codes/SOC Occupation comparisons show 3 programs with an entry level for employment as a bachelor’s degree EXCEPT for the occupations: 45-2041 Graders and Sorters and 27-1019 Artist and Related Workers, All Other. These occupations require no education. Board staff recommend not retaining these CIP codes as “technical” programs.

**Motion:** Member Cox moved to approve not retaining these CIP codes as “technical” programs as these occupations require no education. Following a second by Member Johnson, the motion carried.

- 4) CIP Codes/SOC Occupation comparisons show 1 program utilizing a CIP Code that is for military personnel and has no correlation to civilian occupations. Board staff recommends seeking advice from our Military contacts prior to making a final decision on this program. The results of the consultation will be brought back to the TEA for approval.

Chair Johnson suggested further review upon receipt of additional information from military contacts.

- 5) CIP Codes/SOC Occupation comparisons show 11 programs utilizing CIP Codes ending in ’99. Typically, CIP Codes that end in 99 are nondescript and do not have an occupational data. Since technical programs should be occupationally specific, Board staff recommend working with the institutions using such CIP Codes to determine if there is a more appropriate CIP Code available, or if the program/occupation is too new to have a CIP Code, or if the program should not be retained as a “technical program.” The results of this further review will be brought back to the TEA for approval.

Chair Johnson suggested further review on a case-by-case basis.

Vice President Smathers informed members that KBOR staff will provide additional data regarding the programs requiring further review.

#### Budget and Finance Committee 2017 First Distribution Funding

Chair Frederick call upon Budget and Finance Committee Chair M. Johnson, who referred to Vice President Frisbie to present the 2017 First Distribution funding for Excel in XTE, AO-K Proviso, and GED Accelerator. Since the programs’ inceptions, funding for the tuition has been distributed twice a year based on live student enrollment data submitted by the institutions. The proposed distribution amounts presented were calculated based on current FY 2019 enrollments and appropriations available to

finance the program. The distributions are contingent upon the Board's assessment of each institution's performance pursuant to the performance agreement process. The Board approved these distribution during the January 16, 2019 board meeting.

<b>Institution</b>	<b>Excel in CTE</b>	<b>AOK Proviso Adult Tuition</b>	<b>GED Accelerator</b>
Allen Community College	\$513,490	\$ --	\$ --
Barton Community College	237,496	52,780	(1,075)
Butler Community College	344,494	8,015	2,680
Cloud County Community College	107,755	--	--
Coffeyville Community College	450,262	--	--
Colby Community College	217,661	--	--
Cowley Community College	436,784	--	--
Dodge City Community College	192,915	(7,375)	(160)
Flint Hills Technical College	936,368	--	--
Fort Scott Community College	537,115	7,619	(129)
Garden City Community College	99,874	(85)	(1,000)
Highland Community College	883,732	41,590	2,010
Hutchinson Community College	1,438,378	3,524	(578)
Independence Community College	102,246	--	--
Johnson County Community College	1,024,663	26,124	8,906
Kansas City Kansas Community College	1,504,395	(914)	(129)
Labette Community College	210,261	--	--
Manhattan Area Technical College	139,714	--	--
Neosho County Community College	568,652	3,197	2,779
North Central Kansas Technical College	174,365	--	--
Northwest Kansas Technical College	548,956	--	--
Pratt Community College	214,346	--	--
Salina Area Technical College	463,748	23,342	7,940
Seward County Community College	462,161	19,027	(17)
Washburn Institute of Technology	2,183,927	147,557	18,152
WSU Campus of Applied Sciences & Technology	2,355,687	81,749	7,871
<b>Total</b>	<b>\$16,349,445</b>	<b>\$406,150</b>	<b>\$47,250</b>

### **OTHER MATTERS**

Governor's Education Council 2018 Annual Report

Chair Frederick called on Vice President Smathers to present a summary of the Governor's Education Council 2018 Annual Report regarding Excel in CTE, public/private partnerships, workforce training as

provided by state agencies, work-based learning insurance and liability guidance and/or legislation and data sharing amount state agencies. A copy of the report was included in the member's meeting packets.

#### KSDE K-12 Update

Chair Frederick called upon Member Smith to provide members with a K-12 update from KSDE. Member Smith shared information with members regarding Kansans CAN, and the Kansas Career and Technical Education overview, providing a K-12 perspective about the Kansas vision for education and real-world success.

#### K-TIP Report

Chair Frederick called on Associate Director Chambers to provide K-TIP Highlights Part 3, AY2017 performance for programs with Graduates Exiting and Employed earning below \$20,000 annually. In AY2017, a total of 50 programs reported annual salaries of less than \$20,000 for Graduates Exiting and Employed by the end of the 2<sup>nd</sup> quarter after exiting postsecondary education. The data is affected by no wages reported on programs which institutions are phasing out and no longer offering for AY2018.

#### Legislative Update

Chair Frederick called on Director Casey to provide members with an update on the 2019 legislative session. Director Casey informed members that a bill has been drafted to eliminate the sunset date of the TEA. Funding concerns are still in the forefront, with funding in Governor Kelly's budget falling short of our requests to restore funding cuts.

#### **NEXT MEETING REMINDER**

Chair Frederick reminded members that the next TEA meeting will be February 28, 2019 at 10:00 AM via conference call.

#### **ADJOURNMENT**

**Motion:** Member M. Johnson moved to adjourn the meeting. Following a second by Member R. Johnson, Chair Frederick adjourned the meeting at 11:56 A.M.

Respectfully submitted by:  
Susan Henry, Executive Assistant



## Kansas Nursing Initiative FY19 Professional Development Grant

### Summary

*On an annual basis, the Kansas Legislature appropriates approximately \$1.7 million to support accredited nursing programs. Institutions submit applications to support nursing faculty and supplies, while focusing on faculty and student success.*

2/28/2019

### Background

After the initial FY19 grants were awarded at the full funding levels requested, additional funds remain to support nursing faculty professional development. Recommended grant awards are listed below.

<i>Institution Name</i>	<i>Award</i>
Cloud County Community College	\$ 9,502.76
Fort Hays State University	\$ 12,950.00
Hesston College	\$ 13,338.00
Johnson County Community College	\$ 5,500.00
University of Kansas	\$ 21,118.00
Labette Community College	\$ 4,525.00
Manhattan Area Technical College	\$ 9,029.00
MidAmerica Nazarene University	\$ 600.00
Pittsburg State University	\$ 3,023.60
Washburn University	\$ 13,940.00
<b>Total</b>	<b>\$ 93,526.36</b>

### Staff Recommendation:

The TEA Budget and Finance Committee has reviewed these proposals and recommends approval by the Technical Education Authority.

## Updated CIP Evaluation with Three Year K-TIP Data

### Summary

*Per statute (K.S.A. 74-32,401), the Kansas Postsecondary Technical Education Authority (TEA) shall have delegated authority from the Kansas Board of Regents to review existing and proposed postsecondary technical education programs and program locations and make recommendations to the Board for approval or disapproval of such programs for state funding purposes.*

*Per statute (K.S.A. 74-32,418), the Kansas Board of Regents shall publish and distribute a report of the employment placement rates and average salaries earned by persons completing career technical education programs.*

2/28/2019

### Background

During its January 23, 2019 TEA meeting, Board staff presented all technical programs compared to the three criteria as follows:

- 1) *All institutions must be considered an “eligible institution” based on statutory language provided in K.S.A. 71-1802;*
- 2) *To identify if a program/occupation requires less than a baccalaureate degree as defined in K.S.A. 71-1802(i)*
  - a) *(unchanged) the program will be initially compared to the U.S. Department of Labor’s “typical level of education required.” If the U.S. Department of Labor shows an educational level less than a bachelor’s degree, the program was affirmed to be a technical program.*
  - b) *If the program fails to meet the U.S. Department of Labor’s “typical level of education required,” the program may be compared to a 3<sup>rd</sup> party database (Burning Glass, Emsi, JobsEQ, or equivalent) to determine if 50% of jobs in Kansas may be obtained with training consistent with legislation, less than a baccalaureate degree*

Since 1987, the Kansas Training Information Program (K-TIP) has been generated and includes: the number of career technical program majors enrolled and program concentrators, program graduates, student pursuing additional education/training, graduates exiting postsecondary and becoming employed, as well as the number of graduates employed and reported average and median wages

### CIP Evaluation

During its January 23, 2019 meeting, the TEA requested three-year K-TIP data be added to the CIP Code evaluation. Attached you will find each list: CIP Codes Meeting Criteria and CIP Codes Requiring Further Review.

Each list has Declared Majors, Concentrators, Pursuing Additional Education, Graduates Exited and Employed, and Average Wage data provided in the AY15, AY16, and AY17 K-TIP.

Each list is sorted largest to smallest by:

- 1) Graduates Exited and Employed,
- 2) Concentrators, and
- 3) Declared Majors

CIP Code	CIP Title	SOC Code/Title	KS DOL Typical Education required for Entry	JobsEq Job & Req less than Bachelors	Three Year K-TIP Data (AY15, AY16, AY17)				
					Declared Majors	Concentrators	Pursuing Additional Education	Graduates Exited and Employed	Average wage
51.3902	Nursing Assistant	31-1014 Nursing Assistants	Postsecondary non-degree award	98.37%	14,530	13,095	7,999	4,115	\$16,798
51.3801	Registered Nursing	29-1141 Registered Nurse	Bachelor's degree	50.03%	9,098	4,331	4,538	1,834	\$46,700
51.2603	Medication Aide	31-9099 Healthcare Support Workers, All Other	High school diploma or equivalent	79.01%	2,655	2,322	1,127	1,118	\$21,782
48.0508	Welding Technology	51-4121 Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	100.00%	4,526	3,027	1,702	941	\$29,515
51.3901	Licenses Practical Nursing	29-2061 Licensed Practical and Licensed Vocational Nurses	Postsecondary non-degree award	86.02%	5,887	3,975	3,618	881	\$35,093
51.0810	Emergency Care Attendant	53-3011 Ambulance Drivers and Attendants, Except Emergency Medical Technicians	High school diploma or equivalent	100.00%	2,203	1,609	850	749	\$29,409
51.2602	Home Health Aide	31-1011 Home Health Aides	High school diploma or equivalent	100.00%	1,281	1,100	596	431	\$16,164
47.0604	Automotive Mechanics Technology	49-3023 Automotive Service Technicians and Mechanics	Postsecondary non-degree award	100.00%	3,322	2,394	1,564	425	\$25,777
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology	49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Postsecondary non-degree award	95.83%	1,458	1,078	548	365	\$31,697
49.0205	Truck and Bus Driver/Commercial Vehicle Operator	53-3032 Heavy and Tractor-Trailer Truck Drivers	Postsecondary non-degree award	100.00%	545	497	38	365	\$36,432
51.0904	Emergency Medical Technology	29-2041 Emergency Medical Technicians and Paramedics	Postsecondary non-degree award	94.24%	1,642	901	711	332	\$42,903
12.0401	Cosmetology	39-5012 Hairdressers, Hairstylists, and Cosmetologists	Postsecondary non-degree award	100.00%	1,321	909	493	260	\$19,318
46.0302	Electrician	47-2111 Electricians	High school diploma or equivalent	92.04%	1,050	723	419	257	\$33,076
51.0806	Physical Therapy Technician/Assistant	31-2021 Physical Therapist Assistants	Associate's degree	86.71%	1,224	582	493	242	\$38,266
47.0303	Industrial Mechanics and Maintenance Technology	49-9041 Industrial Machinery Mechanics	High school diploma or equivalent	98.39%	630	449	195	229	\$28,510
15.0613	Manufacturing Engineering Technology	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	625	390	169	219	\$24,807
11.0901	Computer Systems Networking and Telecommunications	15-1122 Information Security Analysts	Bachelor's degree	17.75%	2,013	1,154	1,061	216	\$29,056
		15-1143 Computer Network Architects	Bachelor's degree	42.50%					
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%					
52.0401	Administrative Assistant and Secretarial Science, General	43-6011 Executive Secretaries and Executive Administrative Assistants	High school diploma or equivalent	48.58%	2,019	668	997	210	\$22,812
		43-6014 Secretaries and Administrative Assistants, Except Legal, Medical and Executive	High school diploma or equivalent	85.13%					
48.0501	Machine Tool Technology	51-4041 Machinists	High school diploma or equivalent	100.00%	863	605	335	210	\$35,045
47.0603	Autobody/Collision and Repair Technology	49-3021 Automotive Body Repairers	High school diploma or equivalent	100.00%	1,075	852	445	203	\$25,336
49.0208	Railroad and Railway Transportation	53-4099 Rail Transportation Workers, All Other	High school diploma or equivalent	100.00%	596	421	177	187	\$48,278
46.0301	Electrical and Power Transmission Installation	49-9051 Electrical Power-Line Installers and Repairers	High school diploma or equivalent	97.62%	608	549	187	182	\$43,463
51.0801	Medical Assistant	31-9092 Medical Assistants	Postsecondary non-degree award	95.34%	845	567	328	181	\$21,583
46.0201	Carpentry	47-2031 Carpenters	High school diploma or equivalent	100.00%	1,137	739	537	173	\$23,939
15.0801	Aeronautical/Aerospace Engineering Technology	17-3021 Aerospace Engineering and Operations Technician	Associate's degree	77.27%	407	303	69	168	\$37,584
01.0205	Agricultural Mechanics and Equipment/Machine Technology	49-3011 Aircraft Mechanics and Service Tech	Postsecondary non-degree award	94.03%	520	412	250	162	\$36,996
		49-3041 Farm Equipment Mechanics and Service Tech	High school diploma or equivalent	100.00%					
		49-3042 Mobile Heavy Equipment Mechanics, Except Engines	High school diploma or equivalent	NA					
51.1009	Phlebotomy Technician	31-9097 Phlebotomists	Postsecondary non-degree award	98.59%	377	286	103	156	\$21,793
47.0613	Medium/Heavy and Truck Technology	49-3031 Bus and Truck Mechanics and Diesel Engine Specialists	High school diploma or equivalent	99.66%	679	604	362	149	\$34,986
51.0707	Health Information/Medical Records Technology	29-2071 Medical Records and Health Information Technicians	Postsecondary non-degree award	82.38%	1,060	634	585	141	\$37,837
43.0203	Fire Science/Fire-fighting	33-2011 Firefighters	Postsecondary non-degree award	100.00%	1,569	765	646	131	\$44,535
19.0708	Child Care and Support Services Management	25-2011 Preschool Teachers, Except Special Education	Associate's degree	77.52%	1,722	645	821	119	\$20,991
41.0204	Industrial Radiologic Technology	19-4051 Nuclear Technicians	Associate's degree	50.00%	667	415	268	117	\$44,716
		29-2054 Respiratory Therapy Technicians	Associate's degree	100.00%					
51.0908	Respiratory Care Therapy	29-1126 Respiratory Therapists	Associate's degree	78.38%	662	394	346	115	\$39,301
51.0909	Surgical Technology	29-2055 Surgical Technologists	Postsecondary non-degree award	91.25%	367	245	126	115	\$35,064
51.0602	Dental Hygiene	29-2021 Dental Hygienists	Associate's degree	50.00%	400	329	230	113	\$45,753
51.0601	Dental Assisting	31-9091 Dental Assistant	Postsecondary non-degree award	98.68%	311	231	107	105	\$23,975
46.0401	Building/Property Maintenance	49-9071 Maintenance and Repair Workers, General	High school diploma or equivalent	100.00%	585	405	242	100	\$32,894
47.0605	Diesel Mechanics Technology	49-3031 Bus and Truck Mechanics and Diesel Engine Specialists	High school diploma or equivalent	99.66%	340	286	169	95	\$32,466
47.0607	Airframe Mechanics and Aircraft Maintenance Technology	49-3011 Aircraft Mechanics and Service Technicians	Postsecondary non-degree award	94.03%	466	377	270	88	\$53,166
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	35-2012 Cooks, Institution and Cafeteria	No formal education/credential	100.00%	465	362	230	83	\$20,254
		35-2013 Cooks, Private Household	Postsecondary non-degree award	100.00%					
		35-2019 Cooks, All Other	No formal education/credential	NA					
12.0301	Funeral Service and Mortuary Science, General	11-9061 Funeral Service Managers	Associate's degree	100.00%	379	159	139	82	\$30,406
		39-4011 Embalmers	Associate's degree	NA					
		39-4031 Morticians, Undertakers, and Funeral Directors	Associate's degree	100.00%					
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	47-0000 Construction and Extraction Occupations	High school diploma or equivalent	88.60%	127	122	17	81	\$33,128
15.0607	Plastics and Polymer Engineering Technology	17-3029 Engineering Technicians, Except Drafting	Associate's degree	92.00%	258	211	71	80	\$37,916

NA = No Data Available

NR = No Values Reported

\* = Small cell suppression to protect student privacy in accordance with FERPA and HEOA guidelines

CIP Code	CIP Title	SOC Code/Title	KS DOL Typical Education required for Entry	JobsEq Job & Req less than Bachelors	Three Year K-TIP Data (AY15, AY16, AY17)				
					Declared Majors	Concentrators	Pursuing Additional Education	Graduates Exited and Employed	Average wage
52.0302	Accounting Technology/Bookkeeping	13-2082 Tax Preparers	High school diploma or equivalent	73.41%	1,605	550	829	77	\$29,176
		43-3031 Bookkeeping, Accounting, and Auditing Clerks	Some college, no degree	74.27%					
		43-3051 Payroll and Timekeeping Clerks	High school diploma or equivalent	74.88%					
		43-4011 Brokerage Clerk	High school diploma or equivalent	0.00%					
		43-9111 Statistical Assistants	Bachelor's degree	0.00%					
51.0713	Medical Insurance Coding Specialist/Coder	29-2071 Medical Records and Health Information Technicians	Postsecondary non-degree award	82.38%	1,023	394	503	77	\$31,411
15.1302	CAD/CADD Drafting - Design Technology	17-3013 Mechanical Drafters	Associate's degree	79.13%	706	346	387	77	\$34,675
		17-3019 Drafters, All Other	Associate's degree	NA					
22.0302	Legal Assistant	23-2011 Paralegals and Legal Assistants	Associate's degree	63.89%	464	257	223	68	\$37,511
01.0104	Farm and Ranch Management	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	570	275	319	65	\$23,887
		25-9021 Farm and Home Management Advisors	Master's degree	0.00%					
51.0808	Veterinary/Animal Health Technology (Vet Tech/Vet Assistant)	29-2056 Veterinary Technologists and Technicians	Associate's degree	98.25%	661	202	328	59	\$22,822
11.0201	Computer Programming, General	15-1131 Computer Programmers	Bachelor's degree	24.07%	1,504	532	815	58	\$37,209
		15-1132 Software Developers, Applications	Bachelor's degree	9.27%					
		15-1133 Software Developers, Systems Software	Bachelor's degree	0.00%					
		15-1143 Computer Network Architects	Bachelor's degree	42.50%					
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%					
51.0710	Medical Office Assistant	43-6013 Medical Secretaries	High school diploma or equivalent	94.54%	453	185	211	55	\$25,638
51.0911	Radiologic Technology	29-2034 Radiologic Technologists	Associate's degree	92.70%	423	227	233	53	\$37,051
51.0803	Occupational Therapist Assistant	31-2011 Occupational Therapy Assistants	Associate's degree	43.71%	124	97	62	51	\$33,005
15.0699	Industrial Production Technologies	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	112	91	18	51	\$30,635
51.1004	Medical Laboratory Technician	29-2012 Medical and Clinical Laboratory Technicians	Associate's degree	78.30%	398	141	175	47	\$38,615
12.0504	Restaurant, Culinary, and Catering Management	11-9051 Food Service Managers	High school diploma or equivalent	83.32%	382	209	203	46	\$28,942
		35-1011 Chefs and Head Cooks	High school diploma or equivalent	53.78%					
		35-2013 Cooks, Private Household	Postsecondary non-degree award	100.00%					
51.3104	Dietitian Assistant	29-2051 Dietetic Technicians	Associate's degree	97.83%	123	66	28	44	\$34,069
43.0107	Criminal Justice/Police Science	33-3051 Police and Sheriff's Patrol Officers	High school diploma or equivalent	96.55%	1,915	267	615	41	\$31,282
11.1001	Network and System Administration	11-3021 Computer and Information Systems Managers	Bachelor's degree	10.53%	301	177	151	41	\$35,496
		15-1122 Information Security Analysts	Bachelor's degree	17.75%					
		15-1142 Network and Computer Systems Administrators	Bachelor's degree	31.43%					
		15-1143 Computer Network Architects	Bachelor's degree	42.50%					
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%					
50.0408	Interior Design	27-1025 Interior Designers	Bachelor's degree	54.05%	612	306	332	40	\$33,777
12.0503	Culinary Arts/Chef Training	35-1011 Chefs and Head Cooks	High school diploma or equivalent	53.78%	791	453	424	38	\$32,706
		35-2012 Cooks, Institution and Cafeteria	No formal education/credential	100.00%					
		35-2013 Cooks, Private Household	Postsecondary non-degree award	100.00%					
		35-2014 Cooks, Restaurant	No formal education/credential	100.00%					
		35-2019 Cooks, All Other	No formal education/credential	NA					
19.0709	Child Care Provider/Assistant	39-9011 Childcare Workers (Nannies)	High school diploma or equivalent	96.62%	224	123	71	38	\$13,436
15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD	17-3013 Mechanical Drafters	Associate's degree	79.13%	345	241	184	37	\$41,905
12.0500	Cooking and Related Culinary Arts, General	35-1011 Chefs and Head Cooks	High school diploma or equivalent	53.78%	382	177	173	37	\$20,356
		35-2012 Cooks, Institution and Cafeteria	No formal education/credential	100.00%					
		35-2014 Cooks, Restaurant	No formal education/credential	100.00%					
		35-2019 Cooks, All Other	No formal education/credential	NA					
		35-2019 Cooks, All Other	No formal education/credential	NA					
51.0805	Pharmacy Technician	29-2052 Pharmacy Technician	High school diploma or equivalent	91.23%	325	140	112	36	\$22,785
12.0410	Nail Technician	39-5092 Manicurists and Pedicurists	Postsecondary non-degree award	100.00%	109	78	40	36	\$16,935
52.0904	Hotel/Motel Administration/Management	11-9051 Food Service Managers	High school diploma or equivalent	83.32%	325	169	167	34	\$27,551
		11-9081 Lodging Managers	High school diploma or equivalent	62.22%					
		11-3021 Computer and Information Systems Managers	Bachelor's degree	10.53%					
11.1003	Computer and Information Systems Security/Information Assurance	15-1122 Information Security Analysts	Bachelor's degree	17.75%	289	182	155	31	\$32,476
		15-1141 Database Administrators	Bachelor's degree	12.45%					
		15-1142 Network and Computer Systems Administrators	Bachelor's degree	31.43%					
		15-1143 Computer Network Architects	Bachelor's degree	42.50%					
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%					
		27-4011 Audio and Video Equipment Technicians	Postsecondary non-degree award	84.31%					
10.0203	Recording Arts Technology	27-4014 Sound Engineers	Postsecondary non-degree award	50.00%	323	135	160	31	\$31,622
52.0203	Logistics, Materials, and Supply Chain Management	11-3051 Industrial Production Managers	Bachelor's degree	25.36%	44	33	*	31	\$ 9,087
		11-3071 Transportation, Storage, and Distribution Managers	High school diploma or equivalent	31.59%					
51.3501	Massage Therapy	31-9011 Massage Therapists	Postsecondary non-degree award	26.67%	76	47	19	28	\$28,843
47.0101	Electrical/Electronics Equipment Installation and Repair	49-2092 Electric Motor, Power Tool, and Related Repairers	High school diploma or equivalent	100.00%	184	64	93	28	\$39,481

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CIP Code	CIP Title	SOC Code/Title	KS DOL Typical Education required for Entry	JobsEq Job & Req less than Bachelors	Three Year K-TIP Data (AY15, AY16, AY17)				
					Declared Majors	Concentrators	Pursuing Additional Education	Graduates Exited and Employed	Average wage
49.0108	Flight Instructor	53-2011 Airline Pilots, Copilots, and Flight Engineers 53-2012 Commercial Pilots	Bachelor's degree High school diploma or equivalent	100.00% 38.46%	688	200	287	27	\$32,561
12.0409	Aesthetician and Skin Care Specialists	39-5094 Skincare Specialists	Postsecondary non-degree award	100.00%	70	66	20	27	\$18,900
11.0801	Web Page, Digital/Multimedia and Information Resources Design	15-1134 Web Developers	Associate's degree	14.62%	365	159	209	26	\$29,399
		27-1014 Multimedia Artists and Animators	Bachelor's degree	42.11%					
		27-1024 Graphic Designers	Bachelor's degree	31.79%					
		49-3052 Motorcycle Mechanics	Postsecondary non-degree award	NA					
47.0611	Motorcycle Maintenance and Repair Technology	49-3052 Motorcycle Mechanics	Postsecondary non-degree award	NA	136	91	48	26	\$26,367
15.0406	Automation Engineer Technology	17-3024 Electro-Mechanical Technicians	Associate's degree	100.00%	144	92	88	25	\$44,084
10.0303	Prepress/Desktop Publishing and Digital Imaging Design	43-9031 Desktop Publishers 51-5111 Prepress Technicians and Workers	High school diploma or equivalent Postsecondary non-degree award	100.00% 76.92%	350	158	189	23	\$28,076
51.3103	Dietetic Technician	29-2051 Dietetic Technicians	Associate's degree	97.83%					
51.0709	Medical Office Computer Specialists	15-1131 Computer Programmers 15-1151 Computer User Support Specialists	Bachelor's degree Some college, no degree	24.07% 69.14%	108	69	51	23	\$41,029
01.0601	Applied Horticulture/Horticulture Operations, General	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	285	130	141	20	\$25,632
22.0301	Legal Administrative Assistant	43-6012 Legal Secretaries	High school diploma or equivalent	81.25%	172	63	88	20	\$22,830
48.0703	Cabinetmaking and Millwork	51-7011 Cabinetmakers and Bench Carpenters	High school diploma or equivalent	100.00%	75	61	41	20	\$27,109
01.0301	Agricultural Production Operations, General	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	160	116	117	19	\$30,768
16.0103	Sign Language Interpretation and Translation	27-3091 Interpreters and Translators	Bachelor's degree	94.10%	108	67	58	19	\$26,391
11.1006	Computer Support Specialist	15-1151 Computer User Support Specialists	Some college, no degree	69.14%	233	102	101	18	\$24,226
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%					
15.0201	Civil Engineering Technology	17-3022 Civil Engineering Technicians	Associate's degree	95.00%	101	69	55	18	\$39,315
15.0611	Metallurgical Technology	17-3029 Engineering Technicians, Except Drafting	Associate's degree	92.00%	129	93	39	17	\$46,600
47.0106	Appliance Installation and Repair Technology	49-9031 Home Appliance Repairers	High school diploma or equivalent	100.00%	72	58	23	17	\$26,130
15.1301	Drafting and Design Technology	17-3013 Mechanical Drafters	Associate's degree	79.13%	160	126	99	16	\$28,995
		17-3019 Drafters, All Other	Associate's degree	NA					
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology	51-8031 Water and Wastewater Treatment Plant and Systems Operators	High school diploma or equivalent	90.79%	391	73	33	16	\$50,168
51.0716	Medical Administrative/Executive Assistant and Medical Secretary	43-6013 Medical Secretaries	High school diploma or equivalent	94.54%	178	61	93	16	\$22,568
52.1902	Fashion Merchandising	13-1022 Whole and Retail Buyers, Except Farm Products	Bachelor's degree	15.38%	212	101	118	15	\$28,584
		41-4012 Sales Representatives, Wholesale and Manufacturing	High school diploma or equivalent	86.15%					
48.0506	Sheet Metal Technology/Sheet working	47-2211 Sheet Metal Workers	High school diploma or equivalent	92.86%	142	16	75	15	\$67,374
11.1002	System, Networking, and LAN/WAN Management	15-1122 Information Security Analysts	Bachelor's degree	17.75%	132	78	77	14	\$42,126
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%					
		43-9021 Data Entry Keyers	High school diploma or equivalent	95.95%					
10.0305	Graphic and Printing Equipment Operator, General	51-5111 Prepress Technicians and Workers	Postsecondary non-degree award	76.92%	77	65	43	14	\$22,676
		51-5112 Printing Press Operators	High school diploma or equivalent	100.00%					
		43-3061 Procurement Clerks	High school diploma or equivalent	100.00%					
52.0408	General Office Occupations and Clerical Services	43-5011 Cargo and Freight Agents	High school diploma or equivalent	61.11%	205	62	96	14	\$20,300
		43-9022 Word Processors and Typists	High school diploma or equivalent	100.00%					
		43-9041 Insurance Claims and Policy Processing Clerks	High school diploma or equivalent	98.15%					
		43-9061 Office Clerks, General	High school diploma or equivalent	93.57%					
47.0609	Avionics Maintenance Technology	49-2091 Avionics Technicians	Associate's degree	51.72%	81	50	34	13	\$48,969
51.0910	Diagnostic Medical Sonography	29-2032 Diagnostic Medical Sonographers	Associate's degree	92.70%	42	30	18	13	\$41,984
52.0905	Restaurant/Food Services Management	11-9051 Food Service Managers	High school diploma or equivalent	83.32%	86	49	29	13	\$24,800
		11-9081 Lodging Managers	High school diploma or equivalent	62.22%					
47.0105	Industrial Electronics Technology	49-2094 Electrical and Electronic Repairers, Commercial and Industrial Equipment	Postsecondary non-degree award	98.00%	49	29	20	13	\$30,555
12.0501	Baking and Pastry Arts	51-3011 Bakers	No formal education/credential	98.78%	40	38	12	12	\$26,218
15.1303	Architectural Drafting and Architectural CAD/CADD	17-3011 Architectural Drafters	Associate's degree	91.25%	59	30	31	12	\$32,316
15.0499	Electromechanical and Instrumentation and Maintenance Technologies	17-3024 Electro-Mechanical Technicians	Associate's degree	100.00%	107	57	56	11	\$31,387
46.0101	Masonry	47-2021 Brick masons	High school diploma or equivalent	100.00%	41	29	21	11	\$22,875
43.0302	Crisis/Emergency/Disaster Management	11-9161 Emergency Management Directors	Bachelor's degree	52.63%	155	64	60	10	\$46,134
52.0409	Parts, Warehousing, and Inventory Management Operations	43-5061 Production, Planning, and Expediting Clerks	High school diploma or equivalent	41.52%	74	50	40	9	\$28,297
51.2604	Rehabilitation Aide	31-9099 Healthcare Support Workers, All Other	High school diploma or equivalent	79.01%	17	17	8	9	\$21,716
15.0903	Petroleum Technology	19-4041 Geological and Petroleum Technicians	Associate's degree	42.86%	91	78	33	8	\$33,999
01.0307	Horse Husbandry/Equine Science and Management	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	40	35	22	8	*
		45-2021 Animal Breeders	High school diploma or equivalent	100.00%					
47.0103	Communications Systems Installation Repair Technology	49-2021 Radio, Cellular, and Tower Equipment Installers and Repairers	Associate's degree	100.00%	27	21	13	8	\$39,691
47.0302	Heavy Equipment Maintenance Technology	49-3043 Maintenance Workers, Machinery	High school diploma or equivalent	100.00%	63	61	33	6	\$28,123

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					Declared Majors	Concentrators	Pursuing Additional Education	Graduates Exited and Employed	Average wage
11.1004	Web/Multimedia Management and Webmasters	15-1134 Web Developers	Associate's degree	14.62%	105	45	49	6	\$22,494
46.0415	Building Construction Technology	17-3022 Civil Engineering Technicians	Associate's degree	95.00%	50	41	26	6	\$32,800
52.1803	Retailing and Retail Operations	41-3099 Sales Representatives, Services, All Other	High school diploma or equivalent	42.06%	512	13	261	6	\$28,384
		41-9011 Demonstrators and Product Promoters	No formal education/credential	96.56%					
		41-9099 Sales and Related Workers, All Other	High school diploma or equivalent	97.56%					
15.0508	Hazardous Materials Management and Waste Technology	47-4041 Hazardous Materials Removal Workers	High school diploma or equivalent	100.00%	123	61	42	5	*
10.0301	Graphic Communications, General	51-5111 Prepress Technicians and Workers	Postsecondary non-degree award	76.92%	108	49	57	5	\$19,386
15.0405	Robotics Technology	17-3024 Electro-Mechanical Technicians	Associate's degree	100.00%	54	34	31	5	*
10.0202	Radio and Television Broadcasting Technology	27-4012 Broadcast Technicians	Associate's degree	93.94%	69	29	42	5	\$26,259
		27-4031 Camera Operators, Television, Video, and Motion Picture	Bachelor's degree	50.00%					
		27-4032 Film and Video Editors	Bachelor's degree	37.50%					
51.2601	Health Aide	31-1014 Nursing Assistants	Postsecondary non-degree award	98.37%	106	19	36	5	\$16,997
01.0605	Landscaping and Grounds Keeping	37-3012 Pesticide Handlers, Sprayers, Applicators, Vegetation	High school diploma or equivalent	100.00%	23	13	8	5	\$17,468
01.0308	Agroecology and Sustainable Agriculture	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	45	33	24	*	*
		19-1013 Soil and Plant Scientists	Bachelor's degree	0.00%					
01.0102	Agribusiness/Agricultural Business Operations	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	49	31	26	*	*
15.0612	Industrial Technology	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	64	28	31	*	*
51.0708	Medical Transcription	31-9094 Medical Transcriptionists	Postsecondary non-degree award	100.00%	96	26	41	*	*
52.0407	Business/Office Automation/Technology/Data Entry	43-9021 Data Entry Keyers	High school diploma or equivalent	95.95%	40	26	21	*	\$19,502
41.0303	Chemical Process Technology	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	38	26	14	*	*
		19-4031 Chemical Technicians	Associate's degree	41.67%					
		51-8091 Chemical Plant and Systems Operator	High school diploma or equivalent	100.00%					
		51-9011 Chemical Equipment Operators and Tenders	High school diploma or equivalent	100.00%					
01.0401	Agricultural and Food Products Processing	45-2011 Agricultural Inspectors	Bachelor's degree	63.64%	47	23	29	*	*
43.0102	Corrections	33-3012 Correctional Offices and Jailers	High school diploma or equivalent	83.33%	154	21	64	*	*
01.0302	Animal/Livestock Husbandry and Production	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	30	18	13	*	*
		25-9021 Farm and Home Management Advisors	Master's degree	0.00%					
		45-2021 Animal Breeders	High school diploma or equivalent	100.00%					
15.0614	Welding Engineering Technology	17-3029 Engineering Technicians, Except Drafting	Associate's degree	92.00%	13	13	6	*	*
		51-4121 Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	100.00%					
15.0303	Electrical, Electronic and Communications Engineering Technology	17-3023 Electrical and Electronics Engineering Technicians	Associate's degree	92.31%	13	11	*	*	*
01.1102	Agronomy and Crop Science	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	11	10	9	*	*
		19-1013 Soil and Plant Scientists	Bachelor's degree	0.00%					
22.0303	Court Reporting	23-2011 Paralegals and Legal Assistants	Associate's degree	63.89%	18	9	*	*	*
01.1105	Plant Protection and Integrated Pest Management	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	9	8	*	*	*
		19-1013 Soil and Plant Scientists	Bachelor's degree	0.00%					
15.1201	Computer Engineering Technology	17-3023 Electrical and Electronics Engineering Technicians	Associate's degree	92.31%	21	7	8	*	*
50.0406	Commercial Photography	27-4021 Photographers	High school diploma or equivalent	87.72%	8	7	*	*	*
11.0301	Data Processing Technology	15-1199 Computers Occupations, All Other	Bachelor's degree	13.00%	58	6	27	*	*
		43-9011 Computer Operators	High school diploma or equivalent	100.00%					
01.0906	Livestock Management	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	8	6	*	*	*
15.0505	Solar Energy Technology	17-3029 Engineering Technicians, Except Drafting	Associate's degree	100.00%	6	6	*	*	*
		47-2231 Solar Photovoltaic Installers	High school diploma or equivalent	100.00%					
43.0109	Security and Loss Prevention	33-3052 Transit and Railroad Police	High school diploma or equivalent	100.00%	8	5	6	*	*
52.0205	Operations Management and Supervision	11-3021 Computer and Information Systems Managers	Bachelor's degree	10.53%	17	*	9	*	*
		11-3051 Industrial Production Managers	Bachelor's degree	25.36%					
		11-9021 Construction Managers	Bachelor's degree	22.73%					
		13-1081 Logisticians	Bachelor's degree	51.54%					
48.0503	Machine Shop Technology/Assistant	51-4041 Machinists	High school diploma or equivalent	100.00%	12	*	*	*	*
51.1502	Psychiatric/Mental Health Services Technician	29-2053 Psychiatric Technicians	Postsecondary non-degree award	84.38%	9	*	*	*	*
		31-1013 Psychiatric Aides	High school diploma or equivalent	100.00%					
52.1801	Sales, Distribution, and Marketing Operations, General	13-1022 Wholesale and Retail Buyers, Except Farm Products	Bachelor's degree	15.38%	9	*	*	*	*
		13-1023 Purchasing Agents, Except Wholesale, Retail, and Farm Products	Bachelor's degree	46.82%					
12.0413	Cosmetology, Barbering, Styling, and Nail Instructor	39-5011 Barbers	Postsecondary non-degree award	100.00%	NA	NA	NA	NA	NA
		39-5012 Hairdressers, Hairstylists, and Cosmetologists	Postsecondary non-degree award	100.00%					
15.0702	Quality Control Technology	51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	95.07%	NA	NA	NA	NA	NA
51.0903	Electroneurodiagnostic/Electroencephalographic Technology	29-2099 Health Technologists and Technicians, All Other	Postsecondary non-degree award	95.76%	NA	NA	NA	NA	NA
51.1199	Phlebotomy Technician	31-9097 Phlebotomists	Postsecondary non-degree award	98.59%	NA	NA	NA	NA	NA

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					Declared Majors	Concentrators	Pursuing Additional Education	Graduates Exited and Employed	Average wage
01.0304	Crop Production	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	FY17 was the first year for 01.0304				
		25-9021 Farm and Home Management Advisors	Master's degree	0.00%					
41.0299	Nuclear and Industrial Radiologic Technologies	19-4051 Nuclear Technicians	Associate's degree	50.00%	FY17 was the first year for 41.0299				

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					Declared Majors	Concentrators	Pursuing Additional Education	Graduates Exited and Employed	Average wage
1) CIP Codes/SOC Code comparisons show 1 program utilizing a CIP Code that is for military personnel (Non-commissioned Officer and Staff Officer) and has no apparent correlation to civilian occupations. Board staff recommends seeking further advice from the Kansas Collaborative on Military Credit Advisory Council prior to making a recommendation.									
29.0204	Command & Control (C3, C4) Systems and Operations	55-1015 Command and Control Center Officers 55-3015 Command and Control Center Specialists	Military designation Military designation	NA NA	NA	NA	NA	NA	NA
2) CIP Codes/SOC Code comparisons show 11 programs utilizing a CIP Code ending in '99'. Typically, CIP Codes ending in '99' are nondescript and provide no occupational data. Since technical programs should be occupationally specific; Board staff recommends further research and work with institutions to determine: 1) if there is a more appropriate CIP Code available, 2) if the program/occupation is too new to have a more specific CIP code, or 3) the program should not be retained as a "technical" program.									
47.9999	Mechanic and Repair Technologies	NA	NA	NA	524	376	289	110	\$48,915
51.2699	Health Aide/Attendants/Orderlies	NA	NA	NA	78	76	45	29	\$16,708
51.0799	Health and Medical Administrative Services, Other	NA	NA	NA	161	112	84	27	\$33,775
51.9999	Health Professions and Related Clinical Sciences	NA	NA	NA	114	68	48	19	\$16,411
48.9999	Precision Production, Other	NA	NA	NA	65	53	26	15	\$38,918
46.9999	Construction Trades, Other	NA	NA	NA	19	19	*	13	\$35,523
01.9999	Agriculture, Agriculture Operations, and Related Sciences	NA	NA	NA	19	17	12	*	*
43.9999	Homeland Security, Law Enforcement, Firefighting and Related Protective Services	NA	NA	NA	16	10	*	*	*
51.3699	Movement and Mind-Body Therapies and Education	NA	NA	NA	21	*	10	*	*
52.9999	Business, Management, Marketing, and Related Support Services	NA	NA	NA	11	*	6	*	*
49.0199	Air Transportation, Other	NA	NA	NA	NA	NA	NA	NA	NA

NA = No Data Available

NR = No Values Reported

\* = Small cell suppression used to protect student privacy in accordance with FERPA and HEOA guidelines



## **Contractual Partnerships**

### **Summary**

<p><i>Since September, the TEA, and representatives from the Community College and Technical College sector have worked to define language surrounding contractual partnerships.</i></p>	<p><i>2/28/2019</i></p>
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### **Background**

Agreement on language defining institutional oversight/control over who is teaching course(s) has been an evolving conversation between the TEA and institutions. During the January 23, 2019 the approved the following language:

Courses for which a college has program and course approval, taught by an instructor employed by or paid by the institution, or reimbursed under a KBOR approved contractual partnership training agreement (e.g., CEP) will be eligible for postsecondary state funding. Instruction must be provided by the college directly, or through a contractual arrangement in which the college is fully responsible for the training provided and the hiring of the instructor. To be "fully responsible" there must be an employer-employee relationship established between the college and the instructor, or through a KBOR approved contractual partnership training agreement (e.g., CEP)

Such agreement must state that the instructor of the course meets the employment and credentialing standards of the regionally accredited college and is subject to compliance with applicable policies, rules, and regulations of the college as required of all part-time/adjunct faculty for the college.

### **Contractual Partnership Approval Application**

It was requested that Board staff develop a contractual partnership application for state funding. Attached is the initial draft.

# CONTRACTURAL PARTNERSHIP TRAINING AGREEMENT

Courses for which a college has program and course approval, taught by an instructor employed by or paid by the institution, or reimbursed under a KBOR approved contractual partnership training agreement will be eligible for postsecondary state funding. Instructions must be provided by the college directly, or through a contractual arrangement in which the college is fully responsible for the training provided and the hiring of the instructor. To be “fully responsible” there must be an employer-employee relationship establish between the college and the instructor, or through a KBOR approved contractual partnership agreement.

Such agreement must state that the instructor of the course meets the employment and credentialing standards of the regionally accredited college and is subject to compliance with applicable policies, rules, and regulations of the college as required of all part-time/adjunct faculty for the college.

Name of Institution	
Name of partnering entity	

Please provide a brief description of the partnership:

Please provide institutions employment and credentialing requirements for part-time/adjunct faculty:

Please provide the following for instructors in the proposed contractual partnership agreement:

Name	Education/Credentials

(Please add rows as needed)

Please provide the following for courses being taught through the proposed contractual partnership agreement:

Course ID	Course Title	Credit Hours

(Please add rows as needed)

\_\_\_\_\_  
Signature of VPAA/President of Institution

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of representative of partnering entity

\_\_\_\_\_  
Date

<p><b><u>Official Use Only:</u></b></p> <p><i>Effective Date:</i> _____</p>	<p><i>Expiration Date:</i> _____</p>
<p>_____ Signature of KBOR, Director for Workforce Development</p>	<p>_____ Date</p>

## 2018 Adult Education State Performance

### Summary and Recommendation

*Institutions or unified school districts who receive Adult Education and Family Literacy Act (AEFLA) funds report student level data such as skill gains, employment, GED attainment, etc. Results of data reported to the Office of Career, Technical and Adult Education, U.S. Department of Education will be presented.*

*2/28/2019*



# Kansas Board of Regents Adult Education FY18

## Adult Learner Enrollment

English as a Second Language	2,645
Adult Basic Education	3,441
Adult Secondary Education	812
<b>Total</b>	<b>6,898</b>

## Learner Status at Enrollment

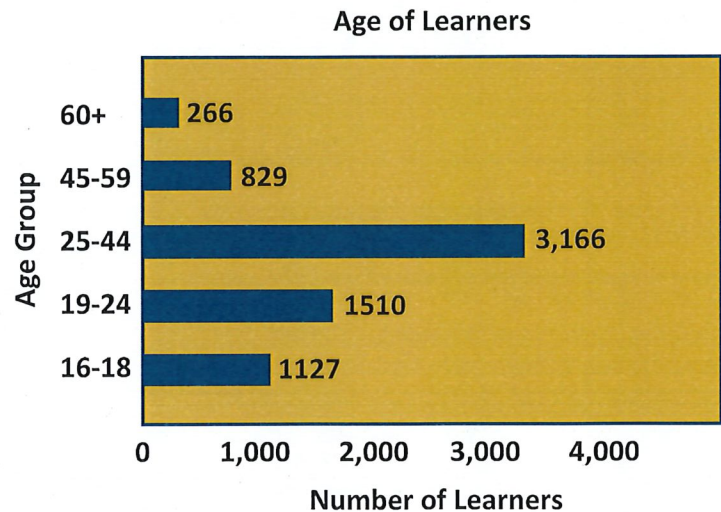
Employed	3,505
Unemployed	1,945
Not in the Labor Force	1,443
Adults in Correctional System (Community corrections, county jails and other correctional facilities)	569

## Learner Characteristics

American Indian or Alaskan Native	56
Asian	554
Black or African American	856
Hispanic or Latino	2,591
Native Hawaiian or Pacific Islander	15
White	2,472
More than One Race	334

## Gender

Female	3,639
Male	3,259



## Fast Facts

- *Kansas Adult Education National Rankings:*  
#5 Adult Basic Education; #6 English as a Second Language
- *20 Adult education providers serving over 40 sites*
- *Adult education students logged over 685,000 classroom hours*
- *35% of adult education students entered postsecondary education or training*
- *Adult education students GED® pass rate: 86%*
- *Cost per student \$625*

## 2017 Carl D. Perkins Postsecondary Core Indicator State Performance

### Summary and Recommendation

*Institutions who receive Carl Perkins Grant funds report data to the Kansas Board of Regents, reflecting their performance on various metrics such as credential and degree attainment, job placement, and retention. Results of data reported to the Office of Career, Technical and Adult Education, U.S. Department of Education will be presented.*

2/28/2019



## CARL PERKINS POSTSECONDARY PERFORMANCE METRICS – FY2017

Enrollment of CTE Participants 21,652  
*(students taking at least one course)*

Enrollment of CTE Concentrators 13,177  
*(students with 12 hours or more)*

- Agriculture, Food & Natural Resources 409
- Architecture & Construction 1503
- Arts, Audio/Video Technology & Communication 485
- Business Management & Administration 282
- Education & Training 42
- Finance 145
- Health Science 4317
- Hospitality & Tourism 477
- Human Services 570
- Information Technology 899
- Law, Public Safety, Corrections & Security 426
- Manufacturing 1855
- Marketing 108
- Transportation, Distribution & Logistics 1659

### **2017 Performance**

### **State Target   Actual Performance**

Technical Skill Attainment	85%	94%
Attainment of Credential, Cert., or Degree	69%	76%
➤ Credential      3309		
➤ Certificate      2884		
➤ Degree            2405		
Student Retention or Transfer	60%	71%
Student Placement	75%	84%
Nontraditional Participation <i>(gender based)</i>	29%	35%
Nontraditional Completion <i>(gender based)</i>	10%	11%