

**Postsecondary Technical Education Authority**

**AGENDA**

Kansas Board of Regents

1000 SW Jackson, Suite 520, Topeka, KS

**10:00 AM - Thursday, May 30, 2019**

**I. CALL TO ORDER**

- A. Approve Previous Minutes (April 25, 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 Johnston  
F. Report from the Technical Colleges President Schears

**III. CONSENT AGENDA**

- A. Technical Program and Curriculum Committee Committee Chair R. Johnson  
1) Programs Requiring Further Review Update Director Henry

**IV. CONSIDERATION OF DISCUSSION AGENDA**

- A. Advocacy and Marketing Committee Committee Chair Estes  
1) USDA Agriculture and Food Research Initiative Grant Vice President Smathers  
B. Budget and Finance Committee Committee Chair M. Johnson  
1) FY20 Adult Education Grants Senior Director Beene  
2) State Innovative Technology Internship Grants Senior Director Beene  
C. Technical Program and Curriculum Committee Committee Chair R. Johnson  
1) Existing Program Review Director Henry

**V. OTHER MATTERS**

- A. Calendar Approval Director Henry  
B. Excel in CTE/AO-K Proviso Distributions Vice President Frisbie  
C. State Funding Allocations Vice President Frisbie  
D. Legislative Update Director Casey  
E. Integrating Academics with Career Technical Education Grants Senior Director Beene  
F. Tyson Foods Partnership Senior Director Beene  
G. Accelerating Opportunity @ Work (Walmart Grant) Associate Director Beck  
H. High School Equivalency Criteria (SB 199) Senior Associate Director Lemon  
I. College and Career Readiness Standards for Adult Education Training Associate Director Tincher  
J. Get Ahead/Complete to Compete Grant Senior Project Director Peterson  
K. TEA Strategic Plan Items Vice President Smathers  
L. TEA Elections Chair Frederick

- VI. NEXT MEETING REMINDER** (Thursday August 29, 2019) Chair Frederick  
Strategic Planning meeting will immediately follow lunch on August 29, 2019

**VII. ADJOURNMENT**

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

The April 25, 2019 meeting of the Kansas Postsecondary Technical Education Authority (TEA) was held via conference call at the Kansas Board of Regents, 1000 S. Jackson Street, Suite 520, Topeka, Kansas.

**Members Present**

Ray Frederick Jr., Chair , in-person  
Rita Johnson  
Mike Beene  
Jason Cox

Debra Mikulka  
Delia Garcia  
Sabrina Korentager  
Eddie Estes  
Mark Hess

**Others Represented**

Northwest Kansas Technical College  
Coffeyville Community College  
Cowley Community College  
Pratt Community College

Johnson County Community College  
Kansas City Community College  
Flint Hills Technical College

**Kansas Board of Regents Staff Present**

Scott Smathers  
April Henry  
Tobias Wood  
Susan Henry  
Eric Tincher  
Erin Guardiola

Connie Beene  
Charmine Chambers  
Chris Lemon  
Vera Brown  
Lisa Beck

**CALL TO ORDER**

The meeting was called to order by Chair Frederick at 10:02 A.M. He added an item to the Agenda under “Other Matters” for nominations for TEA leadership for next year.

**APPROVAL OF MINUTES**

**Motion:** Member Estes moved to approve the minutes of March 28, 2019. Following a second by Member Beene, the motion carried.

**REPORTS**

Introductions  
None.

**Chair’s Report**

Chair Frederick shared that on April 2, 2019 he attended an Industry Advocate Team Meeting hosted by WSU Tech. On April 18, 2019 he attended WSU Tech Center City Campus for a luncheon for a local HVAC Trade Association, Kansas Cooling Contractors group. He reported both activities were well received by business and industry partners.

### Member Liaison Reports

Chair Frederick invited TEA member activity reports. Member R. Johnson reported that on March 29, 2019, she and Vice President Smathers visited the technical programs at the various campuses of Cowley Community College, visiting the Arkansas City, Winfield, Wellington and Mulvane campuses. She thanked Dr. Rittle and his staff for their hospitality. Member Estes reported that he and Vice President Smathers attended the KACCTE meeting and participated in career pathways discussions with the U.S. Department of Education Committee.

### Vice President for Workforce Development Report

Chair Frederick called on Vice President Scott Smathers to provide members with a Workforce Development report. Vice President Smathers informed members that WFD Staff is busy with wrapping up projects for the end of this Fiscal Year and Annual Year. The WFD group held its largest military alignment meeting, including multiple military branch representatives and institution instructors for training electricians, plumbers, carpenters and in masonry. Vice President Smathers reported he had visited five institutions, travelled to Washington DC for meetings, met with the Association of General Contractors with Senior Director Connie Beene and attended the KACCTE meeting with Member Estes. Vice President Smathers and Director April Henry attended a meeting at Ft. Riley, discussing military programs and their interaction with institutions. Senior Director Beene is working on wrapping up approvals for the Perkins Transition Plan and continues work on the new Perkins State Plan. He reported the Governor signed Senate Bill 71 removing the TEA sunset date, and signed Senate Bill 199, which is the new High School Equivalency Bill. WFD staff will be working on the new rules and regulations for this bill and will bring it before the TEA for input. WFD is seeking feedback from two-year institutions for evaluation of extraordinary costs, hoping to have a plan in place for consideration at the August TEA meeting.

### 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 Ben Schears to provide members with a report from the technical colleges.

## **CONSIDERATION OF DISCUSSION AGENDA**

### Budget and Finance Committee

#### Kansas Nursing Initiative Grant

After announcing the recusal of Member M. Johnson and Member Mikulka, Chair Frederick called upon KBOR Associate Director Vera Brown to present the Kansas Nursing Grant distribution proposal. Director Brown reported that on an annual basis, the Kansas Legislature appropriates approximately \$1.7 million to support accredited nursing programs. Associate Director Brown shared that a total of 29 proposals were received; 17 from two-year institutions and 12 from four-year institutions. Of the 29 proposals, seven applied for 10% of total fund set aside as they didn't meet either the accreditation or NCLEX minimum score requirement.

**Motion:** Following discussion, Member Estes moved to approve the Kansas Nursing Initiative grants requests as presented. Following a second by Member R. Johnson, the motion carried.

**OTHER MATTERS**

Update on Adult Education: Walmart Grant

Chair Frederick called on Senior Associate Director Chris Lemon to present an update on the Adult Education Walmart Grant. Senior Associate Director Lemon reported that KBOR staff is in the process of reviewing applications to participate in the AO-K at Work grant, which is the grant from Walmart Inc., to develop customized training programs in partnership between Kansas Adult Education Centers and retail and service-sector employers. Several applications have been received and staff is in the final stages of reviewing and approving the applications, to award approximately \$250,000 to multiple programs/multiple employer partnerships. An overview of the institutions who receive these grant funds, as well as a highlight of the employer partnerships, will be shared with members at the May TEA meeting.

Tentative Calendar Review

Chair Frederick called on Director April Henry to share the AY 2020 calendar for the TEA and its committees. The calendar will be shared with the committees in May for discussion, and then will be referred to the TEA in May for approval.

Nominations for TEA Leadership

Chair Frederick shared with members that it is time to appoint the Chair and Vice Chair for the TEA 2019-2020 session. He requested nominations be sent to Vice President Smathers.

**NEXT MEETING REMINDER**

Chair Frederick reminded members that the next TEA meeting will be May 30, 2019 at 10:00 AM at the Kansas Board of Regents offices.

**ADJOURNMENT**

**Motion:** Member Garcia moved to adjourn the meeting. Following a second by Member Estes, Chair Frederick adjourned the meeting at 10:31 A.M.

Respectfully submitted by:  
Susan Henry, Executive Assistant

## Classification of Instructional Programs (CIP) Codes Requiring Further Review Update

*The Postsecondary Technical Education Authority (TEA) and Kansas Board of Regents approved criteria to be used in classifying “technical programs” pursuant to K.S.A. 71-1802(i). During the process of developing these criteria, programs were placed into three categories: 1) CIP Codes meeting the criteria, 2) CIP Codes not meeting the criteria, and 3) CIP Codes requiring further review. The latter category must be reviewed for a more relevant CIP Code and performance to maintain postsecondary tiered technical funding.*

*5/30/2019*

### Background

Pursuant to K.S.A. 71-1802(i) which defines technical programs for purposes of Postsecondary Tiered Technical State Aid, the TEA, with the help of community and technical college representatives, developed a set of criteria to be used in defining technical programs. Existing programs were reviewed based on those criteria and placed into three categories:

- 1) CIP Codes meeting the criteria
- 2) CIP Codes not meeting the criteria
- 3) CIP Codes requiring further review

Board staff recommended the programs listed on “CIP Codes requiring further review” be examined to determine if a new/different Classification of Instruction Programs (CIP) Code could be utilized.

### Summary/Recommendation

The twelve remaining CIP Codes listed in the “CIP Codes requiring further review” were placed into two categories: 1) a CIP Code being utilized for military personnel and 2) CIP Codes ending in 99, which are non-descript and provide no occupational correlation. The Technical Education Authority’s Technical Program and Curriculum committee has reviewed and recommends the following:

<b>29.0204 Command &amp; Control (C3, C4I) Systems and Operations</b>		<b>Recommendation</b>
Barton Community College	CIP Code utilized to run Military Logistics, Military Leadership and Military Dangerous Materials Handling programs. Upon visiting Garrison Fort Riley and discussing the training programs, it was made clear that many of the MLTR courses meet the requirements of other technical and nontechnical programs. An example would be MLTR1042 Military Petroleum Operations would be equivalent to OSHA1012 OSHA Hazardous Materials. Anywhere OSHA1012 is used as a program requirement, MLTR1042 could be used as an equivalent alternative.	Staff recommends not retaining the CIP Code 29.0204 as a stand-alone program; however, recommends the institution update all programs to include MLTR equivalent alternatives.
<b>47.9999 Mechanic and Repair Technologies/Technicians, Other.</b>		<b>Recommendation</b>
Cloud County Community College	CIP Code utilized to run a Wind Energy Technology program since 2007. In July of 2019, the National Center for Education Statistics (NCES) will introduce two Wind Energy CIP Codes. Cloud County Community College has reviewed the proposed new CIP Codes and will utilize 47.0704 Wind Energy Installation and Repair Technology.	Modify CIP Code to the new CIP 47.0704 Wind Energy Installation and Repair Technology.

Flint Hills Technical College	CIP Code utilized to run a Power Plant Technology program since 2008. In July of 2019, the NCES will introduce two new Power Plant Technology CIP codes. Flint Hills Technical College has reviewed the proposed new CIP Codes and will utilize 15.1702 Power Plant Technology.	Modify CIP Code to the new CIP 15.1702 Power Plant Technology.
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<b>51.2699 Health Aides/Attendants/Orderlies, Other.</b>		<b>Recommendation</b>
Allen Community College	CIP Code utilized to run a Social Service Designee/Activities Director short-term program. The Kansas Department of Aging and Disability Services provides curriculum guidelines for both Social Service Designee and Activities Director. Both occupations are unlicensed and are utilized in long-term care facilities. There is no CIP code that defines the program.	Retain CIP Code for the Social Service Designee Activity Director program.
Butler Community College	CIP Code utilized to run a Restorative Aide short-term program. Since the initial start of the short-term program, CIP Code 51.2604 Rehabilitation Aide has been introduced by the NCES.	Modify CIP Code to 51.2604 Rehabilitation Aide.
Flint Hills Technical College	CIP Code utilized to run a Restorative Aide short-term program. Since the initial start of the short-term program, CIP Code 51.2604 Rehabilitation Aide has been introduced by the NCES.	
Hutchinson Community College	CIP Code utilized to run a Restorative Aide short-term program. Since the initial start of the short-term program, CIP Code 51.2604 Rehabilitation Aide has been introduced by the NCES.	

<b>51.0799 Health and Medical Administrative Services, Other.</b>		<b>Recommendation</b>
Flint Hills Technical College	CIP Code utilized to run a degree seeking option for Practical Nursing students. Flint Hills Technical College is considering a Registered Nursing program - if approved would no longer need this program.	Staff recommends retaining the CIP Code until further research and insight may be provided.
Wichita State University Campus of Applied Sciences and Technology	CIP Code utilized to run a degree seeking option for Practical Nursing student to enhance skills.	

<b>51.9999 Health Professions and Related Clinical Sciences, Other.</b>		<b>Recommendation</b>
Flint Hills Technical College	CIP Code utilized to run a technical certificate program that encompasses various entry-level health care occupations such as Nurse Aide, Medication Aide, and Home Health Aide.	Modify CIP Code 51.2601 Health Aide.
Pratt Community College	CIP Code utilized to run a technical certificate program that encompasses various entry-level health care occupations such as Nurse Aide, Medication Aide, and Home Health Aide.	

<b>48.9999 Precision Production, Other.</b>		<b>Recommendation</b>
Wichita State University Campus of Applied Science	CIP Code utilized to run an Aerospace Coatings and Paint Technology program since the fall of 2009. The program prepares individuals in the coating and paint processes within the aerospace industry. There is no CIP code that defines the program.	Retain CIP Code for Aerospace Coatings and Paint Technology.
<b>46.9999 Construction Trades, Other.</b>		<b>Recommendation</b>
North Central Kansas Technical College	CIP Code utilized to run a Building Construction Technology program since the fall of 2008. The program combines curriculum from carpentry, heavy equipment operation, plumbing and heating and air conditioning. After review of possible CIP Codes, NCK Tech has decided to utilize CIP Code 46.0415 Building Construction Technology.	Modify CIP Code to 46.0415 Building Construction Technology.
<b>01.9999 Agriculture, Agriculture Operations, and Related Sciences, Other.</b>		<b>Recommendation</b>
Dodge City Community College	CIP Code utilized to run an Agriculture Food Chain Security program since 2006. Upon review of the CIP Code, occupational data, and three-year K-TIP data for this program, Dodge City Community College has begun working with the local advisory board and industry partners to determine if the program is a viable option for students.	Retain CIP Code pending the institution's work with local advisory board.
<b>43.9999 Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other.</b>		<b>Recommendation</b>
Washburn Institute of Technology	CIP Code utilized to run a Dispatch Technology Emergency Communications program since the fall of 2016. The occupation Police, Fire, and Ambulance Dispatcher does not require formal education nor is there an applicable CIP Code available.	Retain CIP Code for the Emergency Communications program.
<b>51.3699 Movement and Mind-Body Therapies and Education, Other.</b>		<b>Recommendation</b>
Highland Community College	CIP Code utilized to run a Personal Fitness Trainer program since the fall of 2006. In July of 2019, the NCES will introduce 31.0507 Physical Fitness Technician. After review of the new CIP Code, Highland Community College has decided to utilize CIP Code 31.0507 Physical Fitness Technician.	Modify CIP Code to the new CIP 31.0507 Physical Fitness Technician.
<b>52.9999 Business, Management, Marketing, and Related Support Services, Other.</b>		<b>Recommendation</b>
Butler Community College	The program has been placed into "phase out" by the institution.	No recommendation required.
<b>49.0199 Air Transportation, Other.</b>		<b>Recommendation</b>
Cloud County Community College	CIP Code utilized to run an Unmanned Aircraft Systems program since the fall 2016. In July of 2019, the NCES will introduce 36.0207 Remote Aircraft Pilot; however, this CIP Code is not valid for IPEDS (Integrated Postsecondary Education Data System) reporting.	Retain CIP Code for use of the Unmanned Aircraft Systems program.

# United States Department of Agriculture – National Institute of Food and Agriculture: Agriculture and Food Research Initiative – Foundational and Applied Science Program

## Summary

*The United States Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA) provides leadership and funding for programs that advance agriculture-related sciences. The anticipated amounts available for new grants in FY 2019 and FY 2020 Foundational and Applied Science RFA are approximately \$192.585 million each fiscal year.*

*5/30/2019*

## Background

The Agriculture and Food Research Initiative (AFRI) is NIFA's flagship competitive grants for food and agricultural sciences, and funding is offered through the Foundational and Applied Science, Sustainable Agricultural Systems, and Education and Workforce Development Requests for Applications for addressing critical societal issues.

The Foundational and Applied Science RFA program areas address the following priorities as well as all included sub-priorities: A. Plant Health and Production and Plant Products; B. Animal Health and Production and Animal Products; C. Food Safety, Nutrition, and Health; D. Bioenergy, Natural Resources, and Environment; E. Agriculture Systems and Technology; and F. Agriculture Economics and Rural Communities.

## Intent of Grant

The goal of this grant is to invest in agricultural production research, education, and extension projects for more sustainable, productive and economically viable plant and animal production systems. The global agricultural output must be expanded significantly to meet the food needs of the population expected in 2050; thus, it is imperative to develop innovative, safe and sustainable management strategies for livestock, crops, and critical underlying resources.

## Grant Amounts Available

This AFRI RFA includes seven program areas. The program areas and their respective approximate funding amounts include (available funding in millions):

- 1) Plant health and production and plant products (\$43.9)
- 2) Animal health and production and animal products (\$36.8)
- 3) Food safety, nutrition, and health (\$26.2)
- 4) Bioenergy, natural resources, and environment (\$21.7)
- 5) Agriculture systems and technology (\$19.5)
- 6) Agriculture economics and rural communities (\$22.9)
- 7) Crosscutting programs (\$21.585)

Following are further details regarding the grant opportunity. Institutions are encouraged to apply.

AFRI Education and Workforce Development Program  
**Agricultural Workforce Training Grants**

**Letter of Intent Deadline: June 11, 2019**

**Application Deadline: August 22, 2019**

**Objective:** Develop an industry ready workforce within the food and agricultural sciences.

**Synopsis:**

Projects should develop curriculum for workforce training in the food and agricultural sciences at community, junior, and technical colleges/institutes.

*Curriculum development includes and is not limited to creation of curriculum and instructional delivery systems, pilot testing/implementation of curriculum and delivery methods, development of assessment tools, and evaluation.*

Projects of interest include but are not limited to:

- Curriculum for industry-based training programs/apprenticeships allowing students to ‘earn while they learn’
- Curriculum for new job-based, experiential learning opportunities that allow students more time working in job simulation or ‘on-the-job’ training environments
- Refreshing existing workforce development curriculum to meet the needs of 21st century agricultural industry
- Workforce related technical certificates, 2-year associates or technical degrees or other industry accepted credentials

Applications that target low-employment geographic areas or groups are encouraged.

Self-sustaining projects that will continue after grants funds expire are encouraged

\*All applications to this program area must demonstrate committed and active partnership with industry.

**General Requirements:**

- Research, Education, Extension, or Integrated Projects
- Eligible Applicants include: colleges and universities (including junior colleges offering associate degrees or higher); university research foundations; other research institutions and organizations; Federal agencies, national laboratories; private organizations or corporations.
- Applicants may request up to \$500,000 total for project periods of up to 5 years.
- Funds requested may include, but are not limited to, support for: participant stipends and travel; costs of continuing education units; provider personnel salaries; software; and curricula.

<https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-foundational-applied-science-program>

## Adult Education Grant Awards

### Summary and Recommendation

*Kansas has twenty adult education providers serving students at over forty sites. These programs are supported by both federal and state funds, awarded on a formula basis. Programs include Adult Basic Education, Adult Secondary Education, and English as a Second Language.* 5/30/2019

### Background

In FY18, Kansas Adult Basic Education (ABE), Adult Secondary Education (ASE), and English as a Second Language (ESL) classes assisted over 6,800 adults in improving their basic skills, preparing for the GED® Test, and entering postsecondary education. ABE/ASE/ESL instruction was provided by local programs at community and technical colleges and unified school districts. Learners logged over 680,000 hours in the classroom, while representing all ethnic groups in Kansas, and entered programs with less than college or career ready skills in math, reading, writing, or listening.

While programs served only a small share of the target population, they were very successful, ranking fifth in obtaining a credential, and eleventh in the nation for students who obtain a GED and enroll in postsecondary education within a year of exiting the adult education program. Success in transitioning to higher education is attributable to several factors, including the collaboration with community and technical colleges, the incentives provided by performance-based funding, and the integrated career pathways model, Accelerating Opportunity: Kansas (AO-K).

### Funding

The following funding formula, approved by the Kansas Postsecondary Technical Education Authority and the Kansas Board of Regents, is utilized to allocate funds.

FY19 Funding Allocations	
State Funding	\$1,400,000
Federal Flow-through Funding	\$3,145,149
Federal Integrated English Literacy and Civics Education Funding*	\$349,277
Federal Professional Development Leadership Grants	\$94,346
<b>Total</b>	<b>\$4,988,772</b>

<b>Base Funding</b>	30%
Institutional Grant	17%
Enrollment	11%
Need (Updated Each Grant Cycle)	2%
<b>Performance Funding</b>	70%
Outcomes	45%
Quality Points	25%

## **FY20 Grant Awards**

<b><u>Adult Education Program</u></b>	<b><u>FY20 Award</u></b>
Barton Community College	\$183,365.00
Butler Community College*	\$278,654.00
Cloud County Community College	\$119,576.00
Colby Community College	\$182,702.00
Cowley Community College	\$171,184.00
Dodge City Community College*	\$240,069.00
Flint Hills Technical College	\$125,226.00
Garden City Community College*	\$305,651.00
Highland Community College	\$152,014.00
Hutchinson Community College	\$170,314.00
Johnson County Community College*	\$733,371.00
Kansas City Kansas Community College*	\$422,257.00
Lawrence - USD 497	\$130,789.00
Manhattan Area Technical College	\$134,457.00
Neosho County Community College	\$283,290.00
Paola - USD 368	\$269,584.00
Salina - USD 305	\$161,428.00
Seward Community College*	\$318,492.00
Washburn University (Washburn Institute of Technology)	\$273,495.00
WSU Tech/NexStep Alliance*	\$332,854.00
<b>Total</b>	<b>\$4,988,772.00</b>

### **Staff Recommendation:**

These awards have been approved by the TEA Budget and Finance Committee, and hereby are submitted to the Technical Education Authority for discussion and approval.

## Proposed State Innovative Technology Internship Grant Awards

### ***Summary and Staff Recommendation***

***Purpose:*** K.S.A. 72-4467 established the Kansas Technology Innovation and Internship program to provide funds to career technical institutions for start-up support for innovative technical courses or programs in emerging technologies, manufacturing or areas of skill shortages. These funds are appropriated on an annual basis and awarded to institutions through a competitive grant process.

***Eligible Institutions:*** Public postsecondary career technical institutions delivering approved technical education programs in Kansas.

05/30/2019

### **Purpose of the Grant:**

The State Innovative Technology Internship grant provides career technical education faculty an opportunity to participate in an internship with business and industry partners for the purpose of upgrading knowledge and skills in their teaching area.

### **Internship Proposals:**

#### **Butler Community College**

CHS Refinery, McPherson, KS

**Daniel Higdon**, Engineering Technology

\$3,000

The instructor will be trained in the latest CAD software for refinery production and instrumentation. The internship will ensure that Butler Community College's Engineering Technology program is up-to-date on the latest industry CAD application. The internship will allow the instructor to enhance curriculum in Engineering Graphics, 3D Modeling, Automated Power Systems, Materials and Process of Industry, and several other courses. The required business/industry match for this project will be met by a donation of training time and supplies. In addition to the instructor training, CHS Refinery is donating over \$40,000 in equipment for the Butler Community College's Engineering Technology program.

#### **Flint Hills Technical College**

Bradbury Co, Moundridge, KS and Stanion Wholesale, Pratt, KS

**David Budke**, Industrial Engineering Technology

\$2,845

During this internship, the instructor will work at two businesses in order to expand his knowledge and improve the curriculum for Instrumentation and Engineering Energy Applications courses. The Industrial Engineering Technology Program's advisory board advised the instructor to begin teaching motion in relation to automation. This internship will provide the instructor with the necessary industry knowledge and skills to introduce the curriculum into his courses and fulfill the board's request. The required business/industry match for this project will be met by a donation of trainer salaries at both industry partners' facilities.

#### **Fort Scott Community College**

Gail's Harley-Davidson, Grandview, MO

**Alex Mason**, Harley-Davidson Motorcycle Technician Training Program

\$3,000

The instructor will gain first-hand knowledge of service practices on new Harley-Davidson motorcycles. The internship will provide the opportunity for the instructor to get acquainted with new technologies, techniques, and common problems faced by technicians in the industry. Based on the internship experience, the instructor will introduce new curriculum into the FSCC Motorcycle Technician program and will be able to prepare students for real-world workplace environment. The required business/industry match will be met by a donation of training time salary.

**Johnson County Community College**  
**Scott Crompton**, Metal Fabrication

Welfab Machine Shop, Inc., Olathe, KS  
\$3,000

Through this internship, the instructor will gain important new skills in machining technology, observe necessary metal working techniques, and foster necessary partnerships with industry. The internship will include operating machine tool equipment as well as manufacturing parts from various materials. The instructor will update his knowledge of CAD and CAM programs in order to teach effective parts design and manufacturing machine programming. The required business/industry match for this project will be met by a donation of training time salary.

**Pratt Community College**

Pratt Auto Service, Pratt, KS

**Greg Bacon**, Automotive Technology

\$3,000

The internship will give the instructor a real-world experience with the latest automotive repair techniques. The new technologies and repair methods will be brought back to the Automotive Technology classes at Pratt Community College. The instructor will establish effective business and industry contacts in the community and share the latest industry knowledge with his students. The required business/industry match for this project will be met by a donation of training time salary, shop space, use of tools and equipment.

**Salina Area Technical College**

Service Plus Electrical Solutions, Hutchinson, KS

**David Sanders**, Electrical Technology

\$3,000

The instructor expects to gain experience with new and old construction wiring, learn to identify and install modern electrical products, and assess the innerworkings of an electrical contracting company. In addition to the experience with the latest equipment, the instructor expects to bring observations of entrepreneurship and leadership experience to the classroom, since many of the electrical technology students he teaches hope to own their own businesses. The internship will impact teaching of Residential Wiring and National Electric Code (NEC) courses in the Electrical Technology program at Salina Tech. The required business/industry match for this project will be met by a donation of training time salary and reimbursement of the instructor's travel expenses.

**WSU Tech**

Davis-Moore Chevrolet, Wichita, KS

**Charles Kauffman**, Automotive Service Technology

\$2,000

Through this internship, the instructor will be able to learn safety procedures and diagnostic techniques of hybrid and battery electric vehicles. The instructor will be able to update his knowledge of new technology and to observe business and hiring practices of the industry partner. Upon return to WSU Tech, the instructor will be able to provide effective career counseling to students in the Automotive Service Program. The required business/industry match for this project will be met by a donation of the internship mentor's salary and consumable supplies necessary to complete the internship.

**WSU Tech**

Spirit AeroSystems, Wichita, KS

**Jessie Bishop**, Aviation Maintenance Technology

\$2,000

The internship at Spirit AeroSystems will allow the instructor to review and learn new techniques of sheet metal assembly and composite structures fabrication. In addition to learning how to drill, counter sink, and install various fasteners correctly, the instructor will learn proper material handling, lay-up, curing, and trimming of composite assemblies, specific for the industry needs of Spirit AeroSystems. The instructor will take the updated knowledge back to the classroom and provide students with the skills necessary for employment. The required business/industry match for this project will be met by a donation of training time salary of a master trainer, tools, and consumables needed for the internship.

**Staff Recommendation:**

These awards have been approved by the TEA Budget and Finance Committee, and hereby are submitted to the Technical Education Authority for discussion and approval.

## Existing Program Review

### Summary

*The Postsecondary Technical Education Authority (TEA) and Board of Regents (KBOR) approved criteria to be used in classifying technical programs pursuant to K.S.A. 71-1802(i). All programs were reviewed compared to the criteria.*

*According to state law (K.S.A. 74-32,402) the TEA must also evaluate and review existing programs as well as set benchmarks and accountability indicators of programs. 5/30/2019*

### Background

During the past academic year, the TEA clearly established the definition of a technical program pursuant to K.S.A. 71-1802. With the help of community and technical college representatives, a set of criteria was developed to be used in defining technical programs. All existing programs in the two-year sector were compared to these criteria for placement into either Postsecondary Tiered Technical State Aid and Non-Tiered Course Credit Hour Grant funding.

### Program Evaluation Criteria

During the February 2019 TEA meeting, it was requested that staff provide additional ways in which programs may be evaluated. Items mentioned included:

- 1) Percentage of Declared Majors to Concentrators
- 2) Percentage of Concentrators to Graduates Exited and Employed
- 3) Percentage of Concentrators to Pursuing Additional Education
- 4) Employment trends for occupations

Board staff requested these data elements from the Data Research and Planning unit, which were compiled and provided in the meeting packet. Data is submitted to the KBOR office by institutions through the “Academic Year” and “Follow-Up” data collections. Wage data (Graduates Exited & Employed Average Wage) is provided by institutions and/or the Department of Labor (Kansas and Missouri) based on social security number.

### Recommendation

The Technical Education Authority’s Program and Curriculum committee has reviewed and recommends the following:

- 1) Retain programs leading to an occupation that is listed on the High Wage and/or High Wage/High Demand list – providing the occupation also meets the criteria previously established regarding “requiring less than a baccalaureate degree”.
- 2) Programs that show zero ‘Graduates Exited & Employed’ from the three-year data review (AY15, AY16, AY17) not be retained for Postsecondary Tiered Technical State Aid.
- 3) “Freeze” all CIP Codes with 10 or less ‘Graduates Exited & Employed’ and deny any approvals of new program requests in CIP Codes on “freeze” status pending subcommittee recommendations.
- 4) Establish a subcommittee to further examine data elements and action steps for programs.

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)									KS Annual Entry Level Wage	KS 2016 - 2026 Annual Openings	2018 KS: HD HWHD
					Declared Majors	Concentrators	% of Declared Majors meeting Concentrator	Pursuing Additional Education	% Students Pursuing Additional Education		Graduates Exited and Employed	% Graduates Exited and Employed	Graduates Exited & Employed Average wage			
									Declared Majors	Concentrators						
51.3902	Nursing Assistant	31-1014 Nursing Assistants	Postsecondary non-degree award	98.37%	14,530	13,095	90.12%	7,999	55.05%	61.08%	4,115	28.32%	\$ 16,798	\$ 21,811	2862	HD
51.3801	Registered Nursing	29-1141 Registered Nurse	Bachelor's degree	50.03%	9,098	4,331	47.60%	4,538	49.88%	104.78%	1,834	20.16%	\$ 46,700	\$ 45,686	1867	HD HWHD
51.2603	Medication Aide	31-9099 Healthcare Support Workers, All Other	High school diploma or equivalent	79.01%	2,655	2,322	87.46%	1,127	42.45%	48.54%	1,118	42.11%	\$ 21,782	\$ 22,371	76	
48.0508	Welding Technology	51-4121 Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	100.00%	4,526	3,027	66.88%	1,702	37.60%	56.23%	941	20.79%	\$ 29,515	\$ 31,212	671	HD
51.3901	Licenses Practical Nursing	29-2061 Licensed Practical and Licensed Vocational Nurses	Postsecondary non-degree award	86.02%	5,887	3,975	67.52%	3,618	61.46%	91.02%	881	14.97%	\$ 35,093	\$ 34,744	519	HD
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	73.04%	850	38.58%	52.83%	749	34.00%	\$ 29,409	\$ 22,548	****	
51.2602	Home Health Aide	31-1011 Home Health Aides	High school diploma or equivalent	100.00%	1,281	1,100	85.87%	596	46.53%	54.18%	431	33.65%	\$ 16,164	\$ 20,817	674	HD
47.0604	Automotive Mechanics Technology	49-3023 Automotive Service Technicians and Mechanics	Postsecondary non-degree award	100.00%	3,322	2,394	72.07%	1,564	47.08%	65.33%	425	12.79%	\$ 25,777	\$ 25,293	611	HD
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	73.94%	548	37.59%	50.83%	365	25.03%	\$ 31,697	\$ 33,022	264	HD HWHD
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	91.19%	38	6.97%	7.65%	365	66.97%	\$ 36,432	\$ 30,538	2437	HD
51.0904	Emergency Medical Technology	29-2041 Emergency Medical Technicians and Paramedics	Postsecondary non-degree award	94.24%	1,642	901	54.87%	711	43.30%	78.91%	332	20.22%	\$ 42,903	\$ 20,160	191	HD
12.0401	Cosmetology	39-5012 Hairdressers, Hairstylists, and Cosmetologists	Postsecondary non-degree award	100.00%	1,321	909	68.81%	493	37.32%	54.24%	260	19.68%	\$ 19,318	\$ 17,617	608	HD
46.0302	Electrician	47-2111 Electricians	High school diploma or equivalent	92.04%	1,050	723	68.86%	419	39.90%	57.95%	257	24.48%	\$ 33,076	\$ 36,804	714	HD HWHD
51.0806	Physical Therapy Technician/Assistant	31-2021 Physical Therapist Assistants	Associate's degree	86.71%	1,224	582	47.55%	493	40.28%	84.71%	242	19.77%	\$ 38,266	\$ 38,842	159	
47.0303	Industrial Mechanics and Maintenance Technology	49-9041 Industrial Machinery Mechanics	High school diploma or equivalent	98.39%	630	449	71.27%	195	30.95%	43.43%	229	36.35%	\$ 28,510	\$ 35,763	453	HD HWHD
15.0613	Manufacturing Engineering Technology	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	625	390	62.40%	169	27.04%	43.33%	219	35.04%	\$ 24,807	\$ 36,355	47	

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									Declared Majors	Concentrators						
11.0901	Computer Systems Networking and Telecommunications	15-1122 Information Security Analysts	Bachelor's degree	17.75%	2,013	1,154	57.33%	1,061	52.71%	91.94%	216	10.73%	\$ 49,107	71		
		15-1143 Computer Network Architects	Bachelor's degree	42.50%									\$ 29,056	104		
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%									\$ 40,395	138		
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	33.09%	997	49.38%	149.25%	210	10.40%	\$ 33,458	687	HD HWHD	
		43-6014 Secretaries and Administrative Assistants, Except Legal, Medical and Executive	High school diploma or equivalent	85.13%									\$ 22,812	2893	HD	
48.0501	Machine Tool Technology	51-4041 Machinists	High school diploma or equivalent	100.00%	863	605	70.10%	335	38.82%	55.37%	210	24.33%	\$ 35,045	\$ 30,273	470	HD
47.0603	Autobody/Collision and Repair Technology	49-3021 Automotive Body Repairers	High school diploma or equivalent	100.00%	1,075	852	79.26%	445	41.40%	52.23%	203	18.88%	\$ 25,336	\$ 28,220	122	
49.0208	Railroad and Railway Transportation	53-4099 Rail Transportation Workers, All Other	High school diploma or equivalent	100.00%	596	421	70.64%	177	29.70%	42.04%	187	31.38%	\$ 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	90.30%	187	30.76%	34.06%	182	29.93%	\$ 43,463	\$ 49,193	156	
51.0801	Medical Assistant	31-9092 Medical Assistants	Postsecondary non-degree award	95.34%	845	567	67.10%	328	38.82%	57.85%	181	21.42%	\$ 21,583	\$ 23,966	600	HD
46.0201	Carpentry	47-2031 Carpenters	High school diploma or equivalent	100.00%	1,137	739	65.00%	537	47.23%	72.67%	173	15.22%	\$ 23,939	\$ 28,215	783	HD
15.0801	Aeronautical/Aerospace Engineering Technology	17-3021 Aerospace Engineering and Operations Technician	Associate's degree	77.27%	407	303	74.45%	69	16.95%	22.77%	168	41.28%	\$ 37,584	\$ 45,234	34	
01.0205	Agricultural Mechanics and Equipment/Machine Technology	49-3011 Aircraft Mechanics and Service Tech	Postsecondary non-degree award	94.03%	520	412	79.23%	250	48.08%	60.68%	162	31.15%	\$ 36,996	\$ 45,295	130	HD HWHD
		49-3041 Farm Equipment Mechanics and Service Tech	High school diploma or equivalent	100.00%										\$ 30,492	158	HD
		49-3042 Mobile Heavy Equipment Mechanics, Except Engines	High school diploma or equivalent	NA										\$ 34,968	132	HD HWHD
51.1009	Phlebotomy Technician	31-9097 Phlebotomists	Postsecondary non-degree award	98.59%	377	286	75.86%	103	27.32%	36.01%	156	41.38%	\$ 21,793	\$ 24,622	126	
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	88.95%	362	53.31%	59.93%	149	21.94%	\$ 34,986	\$ 31,930	262	HD

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									Declared Majors	Concentrators						
51.0707	Health Information/Medical Records Technology	29-2071 Medical Records and Health Information Technicians	Postsecondary non-degree award	82.38%	1,060	634	59.81%	585	55.19%	92.27%	141	13.30%	\$ 37,837	\$ 26,230	154	
43.0203	Fire Science/Fire-fighting	33-2011 Firefighters	Postsecondary non-degree award	100.00%	1,569	765	48.76%	646	41.17%	84.44%	131	8.35%	\$ 44,535	\$ 24,522	272	HD
19.0708	Child Care and Support Services Management	25-2011 Preschool Teachers, Except Special Education	Associate's degree	77.52%	1,722	645	37.46%	821	47.68%	127.29%	119	6.91%	\$ 20,991	\$ 19,868	270	HD
41.0204	Industrial Radiologic Technology	19-4051 Nuclear Technicians	Associate's degree	50.00%	667	415	62.22%	268	40.18%	64.58%	117	17.54%	\$ 44,716	***	***	
51.0908	Respiratory Care Therapy	29-2054 Respiratory Therapy Technicians	Associate's degree	100.00%	662	394	59.52%	346	52.27%	87.82%	115	17.37%	\$ 39,301	\$ 33,417	***	
		29-1126 Respiratory Therapists	Associate's degree	78.38%										\$ 43,990	96	
51.0909	Surgical Technology	29-2055 Surgical Technologists	Postsecondary non-degree award	91.25%	367	245	66.76%	126	34.33%	51.43%	115	31.34%	\$ 35,064	\$ 31,928	84	
51.0602	Dental Hygiene	29-2021 Dental Hygienists	Associate's degree	50.00%	400	329	82.25%	230	57.50%	69.91%	113	28.25%	\$ 45,753	\$ 47,007	6	
51.0601	Dental Assisting	31-9091 Dental Assistant	Postsecondary non-degree award	98.68%	311	231	74.28%	107	34.41%	46.32%	105	33.76%	\$ 23,975	\$ 25,291	320	HD
46.0401	Building/Property Maintenance	49-9071 Maintenance and Repair Workers, General	High school diploma or equivalent	100.00%	585	405	69.23%	242	41.37%	59.75%	100	17.09%	\$ 32,894	\$ 24,180	1457	HD
47.0605	Diesel Mechanics Technology	49-3031 Bus and Truck Mechanics and Diesel Engine Specialists	High school diploma or equivalent	99.66%	340	286	84.12%	169	49.71%	59.09%	95	27.94%	\$ 32,466	\$ 31,930	262	HD
47.0607	Airframe Mechanics and Aircraft Maintenance Technology	49-3011 Aircraft Mechanics and Service Technicians	Postsecondary non-degree award	94.03%	466	377	80.90%	270	57.94%	71.62%	88	18.88%	\$ 53,166	\$ 45,295	130	HD HWHD
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	35-2012 Cooks, Institution and Cafeteria	No formal education/credential	100.00%	465	362	77.85%	230	49.46%	63.54%	83	17.85%	\$ 20,254	\$ 19,055	868	HD
		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	41.95%	139	36.68%	87.42%	82	21.64%	\$ 30,406	\$ 47,758	12	
		39-4011 Embalmers	Associate's degree	NA										\$ 29,618	13	
		39-4031 Morticians, Undertakers, and Funeral Directors	Associate's degree	100.00%										\$ 31,647	41	
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	47-0000 Construction and Extraction Occupations	High school diploma or equivalent	88.60%	127	122	96.06%	17	13.39%	13.93%	81	63.78%	\$ 33,128	\$ 28,097	7611	

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									Declared Majors	Concentrators						
15.0607	Plastics and Polymer Engineering Technology	17-3029 Engineering Technicians, Except Drafting	Associate's degree	92.00%	258	211	81.78%	71	27.52%	33.65%	80	31.01%	\$ 37,916	\$ 40,380	***	
52.0302	Accounting Technology/Bookkeeping	13-2082 Tax Preparers	High school diploma or equivalent	73.41%	1,605	550	34.27%	829	51.65%	150.73%	77	4.80%	\$ 29,176	\$ 23,811	***	
		43-3031 Bookkeeping, Accounting, and Auditing Clerks	Some college, no degree	74.27%										\$ 23,517	1809	HD
		43-3051 Payroll and Timekeeping Clerks	High school diploma or equivalent	74.88%										\$ 31,185	200	HD
		43-4011 Brokerage Clerk	High school diploma or equivalent	0.00%										\$ 29,192	40	
		43-9111 Statistical Assistants	Bachelor's degree	0.00%										***	10	
51.0713	Medical Insurance Coding Specialist/Coder	29-2071 Medical Records and Health Information Technicians	Postsecondary non-degree award	82.38%	1,023	394	38.51%	503	49.17%	127.66%	77	7.53%	\$ 31,411	\$ 26,230	154	
15.1302	CAD/CADD Drafting - Design Technology	17-3013 Mechanical Drafters	Associate's degree	79.13%	706	346	49.01%	387	54.82%	111.85%	77	10.91%	\$ 34,675	\$ 34,571	102	
		17-3019 Drafters, All Other	Associate's degree	NA										\$ 31,841	9	
22.0302	Legal Assistant	23-2011 Paralegals and Legal Assistants	Associate's degree	63.89%	464	257	55.39%	223	48.06%	86.77%	68	14.66%	\$ 37,511	\$ 28,248	251	HD
01.0104	Farm and Ranch Management	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	570	275	48.25%	319	55.96%	116.00%	65	11.40%	\$ 23,887	\$ 39,136	608	HD HWHD
		25-9021 Farm and Home Management Advisors	Master's degree	0.00%										\$ 38,419	30	
51.0808	Veterinary/Animal Health Technology (Vet Tech/Vet Assistant)	29-2056 Veterinary Technologists and Technicians	Associate's degree	98.25%	661	202	30.56%	328	49.62%	162.38%	59	8.93%	\$ 22,822	\$ 25,072	70	
11.0201	Computer Programming, General	15-1131 Computer Programmers	Bachelor	24.07%	1,504	532	35.37%	815	54.19%	153.20%	58	3.86%	\$ 37,209	\$ 47,842	102	
		15-1132 Software Developers, Applications	Bachelor's degree	9.27%										\$ 53,951	553	HD HWHD
		15-1133 Software Developers, Systems Software	Bachelor's degree	0.00%										\$ 66,691	236	HD HWHD
		15-1143 Computer Network Architects	Bachelor's degree	42.50%										\$ 64,036	104	
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%										\$ 40,395	65	
51.0710	Medical Office Assistant	43-6013 Medical Secretaries	High school diploma or equivalent	94.54%	453	185	40.84%	211	46.58%	114.05%	55	12.14%	\$ 25,638	\$ 25,269	352	HD
51.0911	Radiologic Technology	29-2034 Radiologic Technologists	Associate's degree	92.70%	423	227	53.66%	233	55.08%	102.64%	53	12.53%	\$ 37,051	\$ 40,453	124	

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51.0803	Occupational Therapist Assistant	31-2011 Occupational Therapy Assistants	Associate's degree	43.71%	124	97	78.23%	62	50.00%	63.92%	51	41.13%	\$ 33,005	\$ 41,062	73	
15.0699	Industrial Production Technologies	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	112	91	81.25%	18	16.07%	19.78%	51	45.54%	\$ 30,635	\$ 36,355	47	
51.1004	Medical Laboratory Technician	29-2012 Medical and Clinical Laboratory Technicians	Associate's degree	78.30%	398	141	35.43%	175	43.97%	124.11%	47	11.81%	\$ 38,615	***	102	HD
12.0504	Restaurant, Culinary, and Catering Management	11-9051 Food Service Managers	High school diploma or equivalent	83.32%	382	209	54.71%	203	53.14%	97.13%	46	12.04%	\$ 28,942	\$ 39,590	288	HD HWHD
		35-1011 Chefs and Head Cooks	High school diploma or equivalent	53.78%										\$ 22,013	170	
		35-2013 Cooks, Private Household	Postsecondary non-degree award	100.00%										***	***	
51.3104	Dietitian Assistant	29-2051 Dietetic Technicians	Associate	97.83%	123	66	53.66%	28	22.76%	42.42%	44	35.77%	\$ 34,069	\$ 21,316	11	
43.0107	Criminal Justice/Police Science	33-3051 Police and Sheriff's Patrol Officers	High school diploma or equivalent	96.55%	1,915	267	13.94%	615	32.11%	230.34%	41	2.14%	\$ 31,282	\$ 33,712	435	HD HWHD
11.1001	Network and System Administration	11-3021 Computer and Information Systems Managers	Bachelor	10.53%	301	177	58.80%	151	50.17%	85.31%	41	13.62%	\$ 35,496	\$ 78,582	275	HD HWHD
		15-1122 Information Security Analysts	Bachelor's degree	17.75%										\$ 49,107	71	
		15-1142 Network and Computer Systems Administrators	Bachelor's degree	31.43%										\$ 49,983	345	HD HWHD
		15-1143 Computer Network Architects	Bachelor's degree	42.50%										\$ 64,036	104	
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%										\$ 40,395	65	
50.0408	Interior Design	27-1025 Interior Designers	Bachelor	54.05%	612	306	50.00%	332	54.25%	108.50%	40	6.54%	\$ 33,777	\$ 27,262	48	
12.0503	Culinary Arts/Chef Training	35-1011 Chefs and Head Cooks	High school diploma or equivalent	53.78%	791	453	57.27%	424	53.60%	93.60%	38	4.80%	\$ 32,706	\$ 22,013	170	
		35-2012 Cooks, Institution and Cafeteria	No formal education	100.00%										\$ 19,055	868	HD
		35-2013 Cooks, Private Household	Postsecondary non-degree award	100.00%										***	***	
		35-2014 Cooks, Restaurant	No formal education	100.00%										\$ 17,799	1418	HD
		35-2019 Cooks, All Other	No formal education	NA										***	***	
19.0709	Child Care Provider/Assistant	39-9011 Childcare Workers (Nannies)	High school diploma or equivalent	96.62%	224	123	54.91%	71	31.70%	57.72%	38	16.96%	\$ 13,436	\$ 17,509	1626	HD

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									Declared Majors	Concentrators						
15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD	17-3013 Mechanical Drafters	Associate's degree	79.13%	345	241	69.86%	184	53.33%	76.35%	37	10.72%	\$ 41,905	\$ 34,574	102	
12.0500	Cooking and Related Culinary Arts, General	35-1011 Chefs and Head Cooks	High school diploma or equivalent	53.78%	382	177	46.34%	173	45.29%	97.74%	37	9.69%	\$ 20,356	\$ 22,013	170	
		35-2012 Cooks, Institution and Cafeteria	No formal education/credential	100.00%										\$ 19,055	868	HD
		35-2014 Cooks, Restaurant	No formal education/credential	100.00%										\$ 17,799	1418	HD
		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	43.08%	112	34.46%	80.00%	36	11.08%	\$ 22,785	\$ 23,765	371	HD
12.0410	Nail Technician	39-5092 Manicurists and Pedicurists	Postsecondary non-degree award	100.00%	109	78	71.56%	40	36.70%	51.28%	36	33.03%	\$ 16,935	\$ 17,314	125	
52.0904	Hotel/Motel Administration/Management	11-9051 Food Service Managers	High school diploma or equivalent	83.32%	325	169	52.00%	167	51.38%	98.82%	34	10.46%	\$ 27,551	\$ 39,590	288	HD HWHD
		11-9081 Lodging Managers	High school diploma or equivalent	62.22%										\$ 32,211	30	
11.1003	Computer and Information Systems Security/Information Assurance	11-3021 Computer and Information Systems Managers	Bachelor's degree	10.53%	289	182	62.98%	155	53.63%	85.16%	31	10.73%	\$ 32,476	\$ 78,582	275	HD HWHD
		15-1122 Information Security Analysts	Bachelor's degree	17.75%										\$ 49,107	71	
		15-1141 Database Administrators	Bachelor's degree	12.45%										\$ 52,976	81	
		15-1142 Network and Computer Systems Administrators	Bachelor's degree	31.43%										\$ 49,983	345	HD HWHD
		15-1143 Computer Network Architects	Bachelor's degree	42.50%										\$ 64,036	104	
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%										\$ 40,395	65	
10.0203	Recording Arts Technology	27-4011 Audio and Video Equipment Technicians	Postsecondary non-degree award	84.31%	323	135	41.80%	160	49.54%	118.52%	31	9.60%	\$ 31,622	\$ 21,985	43	
		27-4014 Sound Engineers	Postsecondary non-degree award	50.00%										***	***	

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									Declared Majors	Concentrators						
52.0203	Logistics, Materials, and Supply Chain Management	11-3051 Industrial Production Managers	Bachelor's degree	25.36%	44	33	75.00%	*	#VALUE!	#VALUE!	31	70.45%	\$ 9,087	\$ 62,120	121	
		11-3071 Transportation, Storage, and Distribution Managers	High school diploma or equivalent	31.59%										\$ 63,801	98	
51.3501	Massage Therapy	31-9011 Massage Therapists	Postsecondary non-degree award	26.67%	76	47	61.84%	19	25.00%	40.43%	28	36.84%	\$ 28,843	\$ 17,242	97	<b>HD</b>
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	34.78%	93	50.54%	145.31%	28	15.22%	\$ 39,481	\$ 29,604	18	
49.0108	Flight Instructor	53-2011 Airline Pilots, Copilots, and Flight Engineers	Bachelor's degree	100.00%	688	200	29.07%	287	41.72%	143.50%	27	3.92%	\$ 32,561	***	***	
		53-2012 Commercial Pilots	High school diploma or equivalent	38.46%										\$ 42,330	51	
49.0108	Flight Instructor	53-2011 Airline Pilots, Copilots, and Flight Engineers	Bachelor's degree	100.00%	688	200	29.07%	287	41.72%	143.50%	27	3.92%	\$ 32,561	***	***	
		53-2012 Commercial Pilots	High school diploma or equivalent	38.46%										\$ 42,330	51	
12.0409	Aesthetician and Skin Care Specialists	39-5094 Skincare Specialists	Postsecondary non-degree award	100.00%	70	66	94.29%	20	28.57%	30.30%	27	38.57%	\$ 18,900	\$ 20,139	35	
11.0801	Web Page, Digital/Multimedia and Information Resources Design	15-1134 Web Developers	Associate's degree	14.62%	365	159	43.56%	209	57.26%	131.45%	26	7.12%	\$ 29,399	\$ 40,584	110	
		27-1014 Multimedia Artists and Animators	Bachelor's degree	42.11%										\$ 36,370	20	
		27-1024 Graphic Designers	Bachelor's degree	31.79%										\$ 30,753	229	<b>HD HWHD</b>
47.0611	Motorcycle Maintenance and Repair Technology	49-3052 Motorcycle Mechanics	Postsecondary non-degree award	NA	136	91	66.91%	48	35.29%	52.75%	26	19.12%	\$ 26,367	\$ 31,045	22	
15.0406	Automation Engineer Technology	17-3024 Electro-Mechanical Technicians	Associate's degree	100.00%	144	92	63.89%	88	61.11%	95.65%	25	17.36%	\$ 44,084	***	***	
10.0303	Prepress/Desktop Publishing and Digital Imaging Design	43-9031 Desktop Publishers	High school diploma or equivalent	100.00%	350	158	45.14%	189	54.00%	119.62%	23	6.57%	\$ 28,076	\$ 24,191	21	
		51-5111 Prepress Technicians and Workers	Postsecondary non-degree award	76.92%										\$ 21,936	36	
51.3103	Dietetic Technician	29-2051 Dietetic Technicians	Associate's degree	97.83%	98	48	48.98%	36	36.73%	75.00%	23	23.47%	\$ 29,777	\$ 21,316	11	

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51.0709	Medical Office Computer Specialists	15-1131 Computer Programmers	Bachelor's degree	24.07%	108	69	63.89%	51	47.22%	73.91%	23	21.30%	\$ 41,029	\$ 47,842	102	
		15-1151 Computer User Support Specialists	Some college, no degree	69.14%										\$ 29,799	719	HD
01.0601	Applied Horticulture/Horticulture Operations, General	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	285	130	45.61%	141	49.47%	108.46%	20	7.02%	\$ 25,632	\$ 39,136	608	HD HWHD
22.0301	Legal Administrative Assistant	43-6012 Legal Secretaries	High school diploma or equivalent	81.25%	172	63	36.63%	88	51.16%	139.68%	20	11.63%	\$ 22,830	\$ 25,938	134	
48.0703	Cabinetmaking and Millwork	51-7011 Cabinetmakers and Bench Carpenters	High school diploma or equivalent	100.00%	75	61	81.33%	41	54.67%	67.21%	20	26.67%	\$ 27,109	\$ 20,668	86	HD
01.0301	Agricultural Production Operations, General	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	160	116	72.50%	117	73.13%	100.86%	19	11.88%	\$ 30,768	\$ 39,136	608	HD HWHD
16.0103	Sign Language Interpretation and Translation	27-3091 Interpreters and Translators	Bachelor's degree	94.10%	108	67	62.04%	58	53.70%	86.57%	19	17.59%	\$ 26,391	\$ 22,881	80	
11.1006	Computer Support Specialist	15-1151 Computer User Support Specialists	Some college, no degree	69.14%	233	102	43.78%	101	43.35%	99.02%	18	7.73%	\$ 24,226	\$ 29,799	719	
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%										\$ 40,395	65	HD
15.0201	Civil Engineering Technology	17-3022 Civil Engineering Technicians	Associate's degree	95.00%	101	69	68.32%	55	54.46%	79.71%	18	17.82%	\$ 39,315	\$ 32,700	130	
15.0611	Metallurgical Technology	17-3029 Engineering Technicians, Except Drafting	Associate's degree	92.00%	129	93	72.09%	39	30.23%	41.94%	17	13.18%	\$ 46,600	\$ 40,380	***	
47.0106	Appliance Installation and Repair Technology	49-9031 Home Appliance Repairers	High school diploma or equivalent	100.00%	72	58	80.56%	23	31.94%	39.66%	17	23.61%	\$ 26,130	\$ 26,069	21	
15.1301	Drafting and Design Technology	17-3013 Mechanical Drafters	Associate's degree	79.13%	160	126	78.75%	99	61.88%	78.57%	16	10.00%	\$ 28,995	\$ 34,574	102	
		17-3019 Drafters, All Other	Associate's degree	NA										\$ 31,841	9	
51.0716	Medical Administrative/Executive Assistant and Medical Secretary	43-6013 Medical Secretaries	High school diploma or equivalent	94.54%	178	61	34.27%	93	52.25%	152.46%	16	8.99%	\$ 22,568	\$ 25,269	352	HD
52.1902	Fashion Merchandising	13-1022 Whole and Retail Buyers, Except Farm Products	Bachelor's degree	15.38%	212	101	47.64%	118	55.66%	116.83%	15	7.08%	\$ 28,584	***	207	
		41-4012 Sales Representatives, Wholesale and Manufacturing	High school diploma or equivalent	86.15%										\$ 34,113	1621	HD HWHD
48.0506	Sheet Metal Technology/Sheet working	47-2211 Sheet Metal Workers	High school diploma or equivalent	92.86%	142	16	11.27%	75	52.82%	468.75%	15	10.56%	\$ 67,374	\$ 25,840	249	HD

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11.1002	System, Networking, and LAN/WAN Management	15-1122 Information Security Analysts	Bachelor's degree	17.75%	132	78	59.09%	77	58.33%	98.72%	14	10.61%	\$ 49,107	71		
		15-1152 Computer Network Support Specialists	Associate's degree	0.00%									\$ 40,395	65		
10.0305	Graphic and Printing Equipment Operator, General	43-9021 Data Entry Keyers	High school diploma or equivalent	95.95%	77	65	84.42%	43	55.84%	66.15%	14	18.18%	\$ 23,305	172		
		51-5111 Prepress Technicians and Workers	Postsecondary non-degree award	76.92%									\$ 22,676	\$ 21,936	36	
		51-5112 Printing Press Operators	High school diploma or equivalent	100.00%									\$ 22,976	203	HD	
52.0408	General Office Occupations and Clerical Services	43-3061 Procurement Clerks	High school diploma or equivalent	100.00%	205	62	30.24%	96	46.83%	154.84%	14	6.83%	\$ 28,448	64		
		43-5011 Cargo and Freight Agents	High school diploma or equivalent	61.11%									\$ 32,461	70		
		43-9022 Word Processors and Typists	High school diploma or equivalent	100.00%									\$ 33,839	7		
		43-9041 Insurance Claims and Policy Processing Clerks	High school diploma or equivalent	98.15%									\$ 26,947	198	HD	
		43-9061 Office Clerks, General	High school diploma or equivalent	93.57%									\$ 19,552	2853	HD	
47.0609	Avionics Maintenance Technology	49-2091 Avionics Technicians	Associate's degree	51.72%	81	50	61.73%	34	41.98%	68.00%	13	16.05%	\$ 48,969	\$ 44,417	50	
51.0910	Diagnostic Medical Sonography	29-2032 Diagnostic Medical Sonographers	Associate's degree	92.70%	42	30	71.43%	18	42.86%	60.00%	13	30.95%	\$ 41,984	\$ 54,741	42	
52.0905	Restaurant/Food Services Management	11-9051 Food Service Managers	High school diploma or equivalent	83.32%	86	49	56.98%	29	33.72%	59.18%	13	15.12%	\$ 39,590	288	HD HWHD	
		11-9081 Lodging Managers	High school diploma or equivalent	62.22%									\$ 24,800	\$ 32,211	30	
47.0105	Industrial Electronics Technology	49-2094 Electrical and Electronic Repairers, Commercial and Industrial Equipment	Postsecondary non-degree award	98.00%	49	29	59.18%	20	40.82%	68.97%	13	26.53%	\$ 30,555	\$ 35,869	38	
12.0501	Baking and Pastry Arts	51-3011 Bakers	No formal education/credential	98.78%	40	38	95.00%	12	30.00%	31.58%	12	30.00%	\$ 26,218	\$ 19,296	220	
15.1303	Architectural Drafting and Architectural CAD/CADD	17-3011 Architectural Drafters	Associate's degree	91.25%	59	30	50.85%	31	52.54%	103.33%	12	20.34%	\$ 32,316	\$ 31,629	60	
46.0101	Masonry	47-2021 Brick masons	High school diploma or equivalent	100.00%	41	29	70.73%	21	51.22%	72.41%	11	26.83%	\$ 22,875	\$ 40,338	68	

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43.0302	Crisis/Emergency Disaster Management	11-9161 Emergency Management Directors	Bachelor's degree	52.63%	155	64	41.29%	60	38.71%	93.75%	10	6.45%	\$ 46,134	\$ 38,220	17	
52.0409	Parts, Warehousing, and Inventory Management Operations	43-5061 Production, Planning, and Expediting Clerks	High school diploma or equivalent	41.52%	74	50	67.57%	40	54.05%	80.00%	9	12.16%	\$ 28,297	\$ 33,493	379	HD HWHD
51.2604	Rehabilitation Aide	31-9099 Healthcare Support Workers, All Other	High school diploma or equivalent	79.01%	17	17	100.00%	8	47.06%	47.06%	9	52.94%	\$ 21,716	\$ 22,371	76	
15.0903	Petroleum Technology	19-4041 Geological and Petroleum Technicians	Associate's degree	42.86%	91	78	85.71%	33	36.26%	42.31%	8	8.79%	\$ 33,999	\$ 32,277	13	
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	87.50%	22	55.00%	62.86%	8	20.00%	\$ 15,094	\$ 39,136	608	HD HWHD
		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	77.78%	13	48.15%	61.90%	8	29.63%	\$ 39,691	\$ 35,851	10	
47.0302	Heavy Equipment Maintenance Technology	49-3043 Maintenance Workers, Machinery	High school diploma or equivalent	100.00%	63	61	96.83%	33	52.38%	54.10%	6	9.52%	\$ 28,123	\$ 33,864	90	
11.1004	Web/Multimedia Management and Webmasters	15-1134 Web Developers	Associate's degree	14.62%	105	45	42.86%	49	46.67%	108.89%	6	5.71%	\$ 22,494	\$ 40,584	110	
46.0415	Building Construction Technology	17-3022 Civil Engineering Technicians	Associate's degree	95.00%	50	41	82.00%	26	52.00%	63.41%	6	12.00%	\$ 32,800	\$ 32,700	130	
52.1803	Retailing and Retail Operations	41-3099 Sales Representatives, Services, All Other	High school diploma or equivalent	42.06%	512	13	2.54%	261	50.98%	2007.69%	6	1.17%	\$ 28,384	\$ 30,063	1013	HD HWHD
		41-9011 Demonstrators and Product Promoters	No formal education/credential	96.56%										\$ 19,472	129	
		41-9099 Sales and Related Workers, All Other	High school diploma or equivalent	97.56%										\$ 20,905	66	
15.0508	Hazardous Materials Management and Waste Technology	47-4041 Hazardous Materials Removal Workers	High school diploma or equivalent	100.00%	123	61	49.59%	42	34.15%	68.85%	5	4.07%	***	\$ 28,158	40	
10.0301	Graphic Communications, General	51-5111 Prepress Technicians and Workers	Postsecondary non-degree award	76.92%	108	49	45.37%	57	52.78%	116.33%	5	4.63%	\$ 19,386	\$ 21,936	36	
15.0405	Robotics Technology	17-3024 Electro-Mechanical Technicians	Associate's degree	100.00%	54	34	62.96%	31	57.41%	91.18%	5	9.26%	\$ 41,274	***	***	
10.0202	Radio and Television Broadcasting Technology	27-4012 Broadcast Technicians	Associate's degree	93.94%	69	29	42.03%	42	60.87%	144.83%	5	7.25%	\$ 26,259	\$ 18,822	14	
		27-4031 Camera Operators, Television, Video, and Motion Picture	Bachelor's degree	50.00%										\$ 28,662	10	
		27-4032 Film and Video Editors	Bachelor's degree	37.50%										\$ 18,933	6	

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51.2601	Health Aide	31-1014 Nursing Assistants	Postsecondary non-degree award	98.37%	106	19	17.92%	36	33.96%	189.47%	5	4.72%	\$ 16,997	\$ 21,811	2862	HD
01.0605	Landscaping and Grounds Keeping	37-3012 Pesticide Handlers, Sprayers, Applicators, Vegetation	High school diploma or equivalent	100.00%	23	13	56.52%	8	34.78%	61.54%	5		\$ 17,468	\$ 25,547	83	
01.0308	Agroecology and Sustainable Agriculture	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	45	33	73.33%	24	53.33%	72.73%	*	*	*	\$ 39,136	608	HD HWHD
		19-1013 Soil and Plant Scientists	Bachelor's degree	0.00%										\$ 40,469	66	
15.0612	Industrial Technology	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	64	28	43.75%	31	48.44%	110.71%	*	*	*	\$ 36,355	47	
51.0708	Medical Transcription	31-9094 Medical Transcriptionists	Postsecondary non-degree award	100.00%	96	26	27.08%	41	42.71%	157.69%	*	*	*	\$ 39,136	83	
52.0407	Business/Office Automation/Technology/Data Entry	43-9021 Data Entry Keyers	High school diploma or equivalent	95.95%	40	26	65.00%	21	52.50%	80.77%	*	*	*	\$ 23,305	172	
41.0303	Chemical Process Technology	17-3026 Industrial Engineering Technicians	Associate's degree	92.59%	38	26	68.42%	14	36.84%	53.85%	*	*	*	\$ 36,355	47	
		19-4031 Chemical Technicians	Associate's degree	41.67%										\$ 32,400	53	
		51-8091 Chemical Plant and Systems Operator	High school diploma or equivalent	100.00%										\$ 46,846	12	
		51-9011 Chemical Equipment Operators and Tenders	High school diploma or equivalent	100.00%										\$ 27,662	69	
01.0401	Agricultural and Food Products Processing	45-2011 Agricultural Inspectors	Bachelor's degree	63.64%	47	23	48.94%	29	61.70%	126.09%	*	*	*	\$ 31,460	80	
43.0102	Corrections	33-3012 Correctional Offices and Jailers	High school diploma or equivalent	83.33%	154	21	13.64%	64	41.56%	304.76%	*	*	*	\$ 28,423	260	HD
01.0302	Animal/Livestock Husbandry and Production	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	30	18	60.00%	13	43.33%	72.22%	*	*	*	\$ 39,136	608	HD HWHD
		25-9021 Farm and Home Management Advisors	Master's degree	0.00%										\$ 38,419	30	
		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	100.00%	6	46.15%	46.15%	*	*	*	\$ 40,380	***	
		51-4121 Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	100.00%										\$ 31,212	671	HD
15.0303	Electrical, Electronic and Communications Engineering Technology	17-3023 Electrical and Electronics Engineering Technicians	Associate's degree	92.31%	13	11	84.62%	*	*	*	*	*	*	\$ 40,398	86	

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01.1102	Agronomy and Crop Science	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	11	10	90.91%	9	81.82%	90.00%	*	*	*	\$ 39,136	608	HD HWHD
		19-1013 Soil and Plant Scientists	Bachelor's degree	0.00%										\$ 40,469	66	
22.0303	Court Reporting	23-2011 Paralegals and Legal Assistants	Associate's degree	63.89%	18	9	50.00%	*	*	*	*	*	*	\$ 28,248	251	HD
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	88.89%	*	*	*	*	*	*	\$ 39,136	608	HD HWHD
		19-1013 Soil and Plant Scientists	Bachelor's degree	0.00%										\$ 40,469	66	
50.0406	Commercial Photography	27-4021 Photographers	High school diploma or equivalent	87.72%	8	7	87.50%	*	*	*	*	*	*	\$ 17,971	59	
11.0301	Data Processing Technology	15-1199 Computers Occupations, All Other	Bachelor's degree	13.00%	58	6	10.34%	27	46.55%	450.00%	*	*	*	\$ 61,283	138	HD HWHD
		43-9011 Computer Operators	High school diploma or equivalent	100.00%										\$ 32,869	55	
01.0906	Livestock Management	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	8	6	75.00%	*	*	*	*	*	*	\$ 39,136	608	HD HWHD
15.0505	Solar Energy Technology	17-3029 Engineering Technicians, Except Drafting	Associate's degree	100.00%	6	6	100.00%	*	*	*	*	*	*	\$40,380	***	
		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	62.50%	6	75.00%	120.00%	*	*	*	***	***	
52.0205	Operations Management and Supervision	11-3021 Computer and Information Systems Managers	Bachelor's degree	10.53%	17	*	*	9	52.94%	*	0	0.00%	\$ -	\$ 78,582	275	HD HWHD
		11-3051 Industrial Production Managers	Bachelor's degree	25.36%										\$ 62,120	121	
		11-9021 Construction Managers	Bachelor's degree	22.73%										\$ 51,986	277	HD HWHD
		13-1081 Logisticians	Bachelor's degree	51.54%										\$ 46,886	141	
48.0503	Machine Shop Technology/Assistant	51-4041 Machinists	High school diploma or equivalent	100.00%	12	*	*	*	*	*	*	*	*	\$ 30,273	470	HD
51.1502	Psychiatric/Mental Health Services Technician	29-2053 Psychiatric Technicians	Postsecondary non-degree award	84.38%	9	0	0.00%	*	*	0.00%	0	0.00%	\$ -	\$ 23,058	69	
		31-1013 Psychiatric Aides	High school diploma or equivalent	100.00%										\$ 18,127	136	

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									Declared Majors	Concentrators						
52.1801	Sales, Distribution, and Marketing Operations, General	13-1022 Wholesale and Retail Buyers, Except Farm Products	Bachelor's degree	15.38%	9	*	*	*	*	*	*	*	***	207		
		13-1023 Purchasing Agents, Except Wholesale, Retail, and Farm Products	Bachelor's degree	46.82%									***	258	HD HWHD	
12.0413	Cosmetology, Barbering, Styling, and Nail Instructor	39-5011 Barbers	Postsecondary non-degree award	100.00%	Cosmetology Instructor short term program - not eligible for technical funding								***	***		
		39-5012 Hairdressers, Hairstylists, and Cosmetologists	Postsecondary non-degree award	100.00%									\$ 17,617	608	HD	
15.0702	Quality Control Technology	51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	95.07%	AY18 (2017-2018) was the first year for 15.0702								\$ 28,464	609	HD	
51.0903	Electroneurodiagnostic/Electroencephalographic Technology	29-2099 Health Technologists and Technicians, All Other	Postsecondary non-degree award	95.76%	AY16 (2015-2016) was the first year for 51.0903								\$ 29,803	48		
51.1199	Health/Medical Preparatory Programs, Other	NA	NA	NA	AY18 (2017-2018) was the first year for 51.1199								\$ 24,622	126		
01.0304	Crop Production	11-9013 Farmers, Ranchers, and Other Ag Mgrs.	High school diploma or equivalent	26.32%	AY17 (2016-2017) was the first year for 01.0304								\$ 39,136	608	HD HWHD	
		25-9021 Farm and Home Management Advisors	Master's degree	0.00%									\$ 38,419	30		
41.0299	Nuclear and Industrial Radiologic Technologies	19-4051 Nuclear Technicians	Associate's degree	50.00%	AY17 (2016-2017) was the first year for 41.0299									***		

NA = No Data Available

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

\*\*\* = Data Confidential per the KS Department of Labor

# Postsecondary TEA Meeting Dates 2019-2020

Skype conference number: (785) 422-6104

Access code: Please see agenda

## TEA Meeting Dates

## Location

*TEA meeting times and locations are subject to change based on the availability of the committee members*

Thursday, August 29, 2019	KBOR Office, Topeka - 10 a.m.
Thursday, September 26, 2019	Conference Call - 10 a.m.
Thursday, October 31, 2019	KBOR Office, Topeka - 10 a.m.
Thursday, December 5, 2019	KBOR Office, Topeka - 10 a.m.
Wednesday, January 22, 2020	KS Workforce Summit 10 a.m.
Thursday, February 27, 2020	Conference Call - 10 a.m.
Thursday, March 26, 2020	KBOR Office, Topeka - 10 a.m.
Thursday, April 30, 2020	Conference Call - 10 a.m.
Thursday, May 28, 2020	KBOR Office, Topeka - 10 a.m.

## Committee Conference Call Meeting Dates

## Location

*Committee meeting times and dates are subject to change based on the availability of the committee members*

<b>KBOR – Conference Room B - Topeka, KS</b>	
Thursday, August 15, 2019	<b>Budget/Finance Committee:</b> 8:30 a.m. to 9:30 a.m.
Thursday, September 12, 2019	
Thursday, October 17, 2019	
Thursday, November 21, 2019	<b>Advocacy/Marketing Committee:</b> 2:00 p.m. to 3:00 p.m.
Thursday, January 9, 2020	
Thursday, February 13, 2020	
Thursday, March 12, 2020	<b>Program/Curriculum Committee:</b> 3:00 p.m. to 4:30 p.m.
Thursday, April 16, 2020	
Thursday, May 14, 2020	

**Act on Second Distribution of FY 2019  
Appropriations for Tuition for Technical  
Education (Excel in Technical Education  
Initiative and AO-K Proviso) and  
Postsecondary Education Performance-Based  
Incentives Fund (GED Accelerator)**

**Elaine Frisbie,  
VP, Finance & Administration**

**Summary**

*The Excel in CTE Initiative provides state-financed college tuition for high school students in postsecondary technical education courses for students earning industry-recognized credentials in high-demand occupations. For FY 2019, the Board of Regents has available \$33.55 million for high school students' postsecondary tiered technical course tuition, and for tuition for adults without a high school diploma or GED who are enrolled in tiered technical courses in designated Accelerating Opportunity: Kansas (AO-K) approved pathways. The Board of Regents also has funds available for the Postsecondary Education Performance-Based Incentives Fund (known as the GED Accelerator initiative).*

*The distributions are contingent upon the Board's assessment of each institution's performance pursuant to the performance agreement process. Board staff recommends allocating the second distribution of funds as outlined below. This distribution finances in full the enrollments at the institutions in accordance with applicable statutory guidance.*

**Background**

K.S.A. 72-3819, known as the Excel in CTE Initiative, provides state-financed college tuition for high school students in postsecondary technical education courses and incentives to school districts for students earning industry-recognized credentials in high-demand occupations. For FY 2019, the Board of Regents has available \$33.55 million for high school students' postsecondary tiered technical course tuition and for tuition for adults without a high school diploma or GED who are enrolled in tiered technical courses in designated Accelerating Opportunity: Kansas (AO-K) approved pathways.

Funding for the incentive to high schools is in the Department of Education budget and is set at \$800,000 for FY 2019 but will be zero next year with the Governor's veto of \$80,000 appropriated by the Legislature. Funding for the tuition portion is distributed twice a year based on actual student enrollments submitted to the Kansas Higher Education Data System by the institutions. In January 2019, \$16,349,445 was distributed for Excel in CTE, \$406,150 for AO-K adult tuition and \$47,250 for the GED accelerator. Available funds are sufficient to finance enrollments, as reported by the colleges, as a result of action by the 2019 Legislature to add \$4.5 million to the appropriation for Excel in CTE.

The Board of Regents also has funds available for the Postsecondary Education Performance-Based Incentives Fund (known as the GED Accelerator initiative). This fund provides incentives to eligible institutions—community colleges, technical colleges and Washburn Institute of Technology—for adults seeking and earning a GED/high school equivalency diploma and/or an identified industry credential while enrolled in an eligible postsecondary technical education program. Eligible institutions can receive \$170 for each adult enrolled in a postsecondary technical program while pursuing a GED/high school equivalency diploma (\$150 of which must be used for the GED/high school equivalency tests), \$500 for each adult earning a GED/high school equivalency diploma, and

\$1,000 for each adult earning an identified industry credential while enrolled in an eligible postsecondary technical education program. Funding for these incentives is also distributed relying on data submitted to the system by the institutions.

**Recommendation**

Staff have reviewed the information submitted by the institutions and recommends approval. The distributions are contingent upon the Board’s assessment of each institution’s performance pursuant to the performance agreement process.

<b>Institution</b>	<b>Excel in CTE Initiative</b>	<b>AOK Proviso Adult Tuition</b>	<b>GED Accelerator</b>
Allen Community College	\$473,695	\$ --	\$ --
Barton Community College	192,263	3,752	14,010
Butler Community College	254,917	1,670	(1,830)
Cloud County Community College	124,748	--	--
Coffeyville Community College	425,788	--	--
Colby Community College	136,867	--	--
Cowley Community College	393,542	--	1,670
Dodge City Community College	150,332	--	--
Flint Hills Technical College	469,434	--	--
Fort Scott Community College	411,218	8,226	670
Garden City Community College	118,241	--	--
Highland Community College	761,526	15,151	--
Hutchinson Community College	1,230,816	804	--
Independence Community College	86,058	--	--
Johnson County Community College	784,656	4,750	7,010
Kansas City Kansas Community College	1,272,870	--	--
Labette Community College	88,553	--	--
Manhattan Area Technical College	153,650	--	--
Neosho County Community College	494,933	--	--
North Central Kansas Technical College	154,123	--	--
Northwest Kansas Technical College	29,266	--	--
Pratt Community College	149,861	--	--
Salina Area Technical College	489,564	2,004	3,010
Seward County Community College	422,126	9,536	8,200
Washburn Institute of Technology	2,287,823	96,722	20,740
WSU Campus of Applied Science and Technology	3,536,476	45,956	9,690
<b>Total</b>	<b>\$15,093,346</b>	<b>\$188,571</b>	<b>\$63,170</b>

## Act on Allocation/Distribution of FY 2020 State Appropriations to Community Colleges, Technical Colleges and Washburn Institute of Technology

### ***Summary and Recommendation***

*For FY 2020, there are four state appropriations that require the Kansas Board of Regents (KBOR) and Postsecondary Technical Education Authority to approve the distribution of funds among eligible institutions. The 2019 Legislature has finalized its appropriations for FY 2020 and increased the State General Fund appropriations for all four of the grant programs. Table 1 displays Tiered Technical Education State Aid, Table 2 Non-Tiered Credit Hour Grant, Table 3 Vocational Education Capital Outlay Aid, and Table 4 the Technology Grants.*

*The distributions are contingent upon the Board's assessment of each institution's performance pursuant to the performance agreement process. Board staff recommends allocating the distributions as outlined below.*

### **Tiered Technical Education State Aid Distribution**

2011 SB 143 created a new postsecondary technical education formula which became effective July 1, 2011. The heart of the formula is the KBOR cost model that calculates costs at a course level and recognizes the cost differential in delivering technical education courses. The state funding process includes updating the state rates per the KBOR cost model, utilizing the prior year's credit hour enrollment data by student and course (Fall, Spring, Summer), calculating the adjustment in financing that accounts for an off-set for colleges with local appropriations that help finance in-district credit hours, and producing the gap report that identifies the gap for each individual college. The gap is the difference between the KBOR calculated state amount and the actual amount received by each college.

For FY 2020, the Legislature has appropriated a total of \$59,830,665, which is \$2,318,883 greater than in FY 2019. Of the \$2.3 million increase, \$788,218 restores the appropriation to the FY 2016, pre-allotment level, and \$1,530,665 is to be treated as new funding:

*Provided*, That if the amount of moneys appropriated for the above agency for the fiscal year ending June 30, 2020, by this or other appropriation act of the 2019 regular session of the legislature, in the postsecondary tiered technical education state aid account (561-00-1000-0760) is \$58,300,000 or greater, then the difference between the amount of moneys appropriated for the fiscal year 2020 and \$58,300,000 shall be distributed based on each eligible institution's calculated gap, according to the postsecondary tiered technical education state aid act, K.S.A. 71-1801 through 71-1810, and amendments thereto, as determined by the state board of regents: *Provided further*, That if the amount of moneys appropriated for the above agency for fiscal year 2020 is less than \$58,300,000, then each eligible institution shall receive an amount of moneys proportionally adjusted to equal the amount of moneys such eligible institution received in fiscal year 2016.

In accordance with the proviso, staff recommend that each institution receive the amount reflected in the table below.

<b>Table 1</b>			
<b>Tiered Technical Education State Aid Distribution</b>			
<b>Institution</b>	<b>FY 2019 Funding</b>	<b>FY 2020 Funding</b>	<b>Increase/ (Decrease)</b>
Allen Community College	\$1,309,710	\$1,327,658	\$17,948
Barton Community College	3,472,162	3,521,294	49,132
Butler Community College	4,153,706	4,351,908	198,202
Cloud County Community College	1,346,073	1,364,522	18,449
Coffeyville Community College	1,205,082	1,221,598	16,516
Colby Community College	677,358	753,297	75,939
Cowley Community College	2,488,470	2,522,575	34,105
Dodge City Community College	1,159,610	1,175,503	15,893
Flint Hills Technical College	1,757,990	1,789,872	31,882
Fort Scott Community College	1,487,677	1,508,066	20,389
Garden City Community College	999,220	1,014,384	15,164
Highland Community College	1,808,822	1,833,613	24,791
Hutchinson Community College	3,970,599	4,191,506	220,907
Independence Community College	551,133	558,687	7,554
Johnson County Community College	6,245,510	6,563,299	317,789
Kansas City Kansas Community College	4,269,157	4,373,333	104,176
Labette Community College	1,113,892	1,133,003	19,111
Manhattan Area Technical College	1,863,017	1,904,299	41,282
Neosho County Community College	1,327,792	1,428,152	100,360
North Central Kansas Technical College	2,742,781	2,794,057	51,276
Northwest Kansas Technical College	2,137,815	2,167,114	29,299
Pratt Community College	1,173,705	1,189,790	16,085
Salina Area Technical College	1,876,608	1,902,328	25,720
Seward County Community College	1,168,732	1,184,750	16,018
Washburn Institute of Technology	2,636,431	2,856,752	220,321
WSU Campus of Applied Science and Technology	4,568,730	5,199,305	630,575
<b>Total</b>	<b>\$57,511,782</b>	<b>\$59,830,665</b>	<b>\$2,318,883</b>

### **Non-Tiered Credit Hour Grant Distribution**

For non-tiered course credit hours, the law provides that each community college and technical college is eligible for a grant from the State General Fund, in an amount determined by the Board of Regents after dialogue with community college and technical college presidents. The Legislature increased the non-tiered credit hour grant by \$3,041,539 to a new total of \$78,503,473. Of that \$3.0 million increase, \$1,034,395 restores the appropriation to the FY 2016, pre-allotment level, and \$2,007,144 is new funding:

*Provided*, That if the amount of moneys appropriated for the above agency for the fiscal year ending June 30, 2020, by this or other appropriation act of the 2019 regular session of the legislature, in the non-tiered course credit hour grant account is \$76,496,329 or greater, then the difference between the amount of moneys appropriated for the fiscal year 2020 and \$76,496,329 shall be distributed based on each eligible institution's calculated gap, as determined by the state board of regents.

In accordance with the proviso, staff recommend that each institution receive the amount reflected in the table below.

<b>Table 2</b>			
<b>Non-Tiered Credit Hour Grant Distribution</b>			
<b>Institution</b>	<b>FY 2019 Funding</b>	<b>FY 2020 Funding</b>	<b>Increase/ (Decrease)</b>
Allen Community College	\$3,426,453	\$3,561,298	\$134,845
Barton Community College	4,335,794	4,705,436	369,642
Butler Community College	10,400,877	10,998,700	597,823
Cloud County Community College	3,022,259	3,069,883	47,624
Coffeyville Community College	1,774,563	1,798,887	24,324
Colby Community College	1,343,423	1,389,663	46,240
Cowley Community College	4,351,041	4,410,683	59,642
Dodge City Community College	1,491,616	1,529,674	38,058
Flint Hills Technical College	474,607	510,916	36,309
Fort Scott Community College	1,907,243	1,968,812	61,569
Garden City Community College	1,668,505	1,753,383	84,878
Highland Community College	3,930,240	4,015,987	85,747
Hutchinson Community College	5,035,158	5,269,986	234,828
Independence Community College	1,410,162	1,429,492	19,330
Johnson County Community College	15,015,969	15,437,047	421,078
Kansas City Kansas Community College	5,907,338	5,991,668	84,330
Labette Community College	1,591,136	1,679,312	88,176
Manhattan Area Technical College	442,981	485,613	42,632
Neosho County Community College	1,494,940	1,578,645	83,705
North Central Kansas Technical College	737,414	761,691	24,277
Northwest Kansas Technical College	552,195	622,527	70,332
Pratt Community College	1,216,635	1,247,479	30,844
Salina Area Technical College	106,446	140,947	34,501
Seward County Community College	1,806,534	1,831,297	24,763
Washburn Institute of Technology	164,640	186,221	21,581
WSU Campus of Applied Science and Technology	1,853,765	2,128,226	274,461
<b>Total</b>	<b>\$75,461,934</b>	<b>\$78,503,473</b>	<b>\$3,041,539</b>

### **Vocational Education Capital Outlay Aid Distribution**

2011 SB 143 directed that vocational education capital outlay aid be distributed to the six technical colleges, nine of the community colleges with merged technical schools, and Washburn Institute of Technology. The total funding for capital outlay aid for FY 2020 is \$2,619,311 (which includes \$71,585 from the State General Fund and \$2,547,726 from the Economic Development Initiatives Fund). This is \$1,067 greater than the amount in FY 2019 and equal to the appropriation in FY 2016.

Capital outlay aid according to the statute is to be distributed to the institutions based on need and the condition of existing facilities and equipment. Since FY 2005, the following formula has been used for the distribution of vocational education capital outlay aid. First, provide each school a base distribution of \$100,000, recognizing that each school has significant need regardless of size, and second, distribute the remaining portion of funds based on enrollment production. For FY 2020, Board staff recommends use of the same distribution methodology. By proviso, the Legislature has historically required a 50 percent local match of state funds, and this is repeated in the FY 2020 appropriations bill. Previously, capital outlay aid had to be spent within the fiscal year in which it was distributed. In order to assist institutions with funding larger equipment purchases and capital projects, Board staff recommends carryover allowance by the institution of up to three years (this was initiated with FY 2019). The table below displays the proposed distribution of capital outlay aid.

<b>Institution</b>	<b>FY 2019 Funding</b>	<b>FY 2020 Funding</b>	<b>Increase/ (Decrease)</b>
Coffeyville Community College	\$123,701	119,981	(3,720)
Cowley Community College	138,312	132,710	(5,602)
Dodge City Community College	126,799	126,887	88
Flint Hills Technical College	130,745	129,507	(1,238)
Highland Community College	130,872	127,504	(3,368)
Hutchinson Community College	218,251	213,347	(4,904)
Johnson County Community College	351,926	347,596	(4,330)
Kansas City Kansas Community College	203,172	205,848	2,676
Manhattan Area Technical College	136,545	132,745	(3,800)
North Central Kansas Technical College	151,882	149,192	(2,690)
Northwest Kansas Technical College	134,481	131,468	(3,013)
Pratt Community College	122,701	119,771	(2,930)
Salina Area Technical College	121,558	120,669	(889)
Seward County Community College	131,543	127,765	(3,778)
Washburn Institute of Technology	170,720	175,567	4,847
WSU Campus of Applied Science and Technology	225,036	258,754	33,718
<b>Total</b>	<b>\$2,618,244</b>	<b>\$2,619,311</b>	<b>\$1,067</b>

### **Technology Grant Distribution**

For FY 2020, funding for technology grants at the community colleges and Washburn University is \$398,475, which is \$5,942 more than was appropriated in FY 2019 and which is equal to the appropriation in FY 2016. The appropriation authorizes the Board to make such grants for purchase of technology equipment, in accordance with guidelines the Board establishes. Such guidelines provide that grant funds shall be used for the purchase of only instructional technology equipment and that a 50 percent local match shall be provided. The table below displays the staff recommendation.

<b>Table 4</b>			
<b>Technology Grants Distribution</b>			
<b>Institution</b>	<b>FY 2019 Technology Grant</b>	<b>FY 2020 Technology Grant</b>	<b>Increase/ (Decrease)</b>
Allen Community College	\$13,957	\$14,168	\$211
Barton Community College	19,192	19,482	290
Butler Community College	24,424	24,794	370
Cloud County Community College	16,573	16,824	251
Coffeyville Community College	16,573	16,824	251
Colby Community College	16,573	16,824	251
Cowley Community College	19,192	19,482	290
Dodge City Community College	16,573	16,824	251
Fort Scott Community College	16,573	16,824	251
Garden City Community College	16,573	16,824	251
Highland Community College	18,320	18,597	277
Hutchinson Community College	25,295	25,678	383
Independence Community College	16,573	16,824	251
Johnson County Community College	38,381	38,962	581
Kansas City Community College	25,295	25,678	383
Labette Community College	13,959	14,170	211
Neosho Community College	16,573	16,824	251
Pratt Community College	12,216	12,401	185
Seward County Community College	16,573	16,824	251
Washburn University	33,145	33,647	502
<b>TOTAL</b>	<b>\$392,533</b>	<b>\$398,475</b>	<b>\$5,942</b>

## Legislative Update

*The Technical Education Authority will receive an update on the conclusion to the 2019 legislative session. We will discuss what was included in the what non-budgetary items were passed. 5/30/2019*

### Summary

The official end of the 2019 legislative session (Sine Die) was Wednesday, May 29, 2019. Below are nonbudgetary items that passed:

#### **Postsecondary Technical Education Authority; SB 71**

SB 71 reauthorizes the Postsecondary Technical Education Authority (Authority) by repealing the statute specifying a sunset date of June 30, 2019. The bill also requires the Authority to make an annual report to the Legislature on the performance of its functions and duties.

#### **Community College Taxpayer Transparency Act; HB 2144**

HB 2144 amends law related to community college student fees and enacts the Community College Taxpayer Transparency Act. The bill includes findings and conclusions generally noting the structure and financing of community colleges; the duty of transparency owed by community colleges to property taxpayers and students of community colleges; and reaffirming the students and taxpayers of community colleges as the priority in financial decisions, reporting processes, and transparency measures of community colleges. The bill takes effect on and after July 1, 2020.

#### Student Fees

The bill requires any student fees to be charged for a specific purpose and that purpose be specified on the community college's website. The bill requires any billing statements or other information provided to students regarding student fees to guide students to the community college's website address. The bill requires revenues from student fees be spent only for the specified purpose of the fee.

#### Community College Taxpayer Transparency Act

The bill requires community colleges to identify the courses that are fully transferable to four-year colleges governed by the Kansas Board of Regents (KBOR) and prominently specify those courses on the community college's website and on the KBOR's website. The bill also requires community colleges to publish certain information to the community college's website under an easily identifiable link titled "taxpayer and student transparency data." Information required includes:

- Tuition rates for students residing in the community college district, in-state students residing outside the community college district, out-of-state students, and international students;
- Fees charged to students residing in the community college district, in-state students residing outside the community college district, out-of-state students, and international students;
- Total cost per credit hour for each semester, excluding housing and textbooks, for students residing in the community college district, in-state students residing outside the community college district, out-of-state students, and international students;
- The percentage of students attending each campus of the community college of students residing in the community college district, in-state students residing outside the community college district, out-of-state students, and international students;
- The enrollment percentage of students residing inside and outside of the community college district;
- The enrollment percentage of students residing in the service area of the community college;
- The aggregate amount of property tax revenues and mills levied by the community college for each of the preceding five fiscal years and the annual percent change; and
- The aggregate amount disbursed for the two immediately preceding fiscal years for institutional

scholarships, foundation scholarships, and federal Pell Grants, in terms of athletic and non-athletic scholarships, for students residing in the community college district and students residing outside the state. The bill specifies this aggregate information shall not be reported if such information could identify a student with reasonable certainty.

### **AO-K to Work Program; SB 199**

SB 199 establishes the AO-K to Work Program (Program). The provisions of the Program apply to all adult education programs in Kansas. Definitions The bill establishes definitions for the following terms:

- “AO-K” or “Accelerating Opportunity: Kansas” to mean a career pathways program model that assists students in obtaining a high school equivalency, becoming ready for transferable college-level courses, and earning an industry credential;
- “Career readiness assessment” to mean an assessment approved by the State Board of Regents (KBOR) to measure foundational skills required for success in the workplace and workplace skills that affect job performance;
- “Career readiness certificate” to mean a certificate that uses a career readiness assessment approved by KBOR to document an individual’s skills in applied math, graphic literacy, and workplace documents;
- “Industry recognized credential” to mean a credential recognized by multiple employers across an industry as determined by KBOR;
- “Kansas adult education program” to mean any educational institution or approved agency that receives adult education funding through KBOR; provides adult education or English language acquisition programs; serves Kansas adults age 16 and over who are in need of basic skills for the workforce, community participation, and family life; and prepares adults for achieving industry recognized credentials and college certificates and degrees; and
- “Qualified student” to mean an individual who has attained the age of 21, has not been awarded a high school diploma, has been accepted into a Kansas adult education program, has demonstrated high school equivalency by meeting the criteria established by KBOR pursuant to the bill, and has declared an AO-K career pathway interest.

The bill also specifies the definitions of “community college” and “technical college” have the same meaning as under continuing law (KSA 71-701 for community colleges and KSA 71- 1802 for technical colleges).

#### Awarding of a Credential to a Qualified Student

The bill requires KBOR to award a Kansas high school equivalency credential to any qualified student who is recommended and approved to participate in an AO-K career pathway approved by KBOR for college credit, successfully completes an approved AO-K career pathway and receives the industry-recognized credential appropriate to the completed pathway, takes a career readiness assessment and earns a career readiness certificate at a level approved by KBOR, and satisfies any other requirement deemed necessary by KBOR.

#### Access to Resources

The bill requires any qualified students participating in the Program to be provided reasonable access to all available student resources of the adult education program, the participating technical or community college, and the appropriate community partners, including, but not limited to, appropriate academic support, barrier mitigation, and employment or career assistance.

#### Fee and Fund

The bill requires each application to KBOR for issuance or duplication of a Kansas high school equivalency credential to be accompanied by a fee, established by KBOR, in an amount of not more than \$25.

The bill requires KBOR, on or before June 1 of each year, to determine the amount of revenue required to properly administer the provisions of the bill during the next ensuing fiscal year and establish the Kansas High

School Equivalency Credentials Processing Fee (Fee) for such year in the amount deemed necessary for such purposes. The Fee will become effective on the succeeding July 1 of each year.

KBOR must remit all moneys received from the Fee to the State Treasurer in accordance with KSA 75-4215 (remittance of state moneys; fee agency accounts; reports; post audit). Upon receipt of such remittance, the bill requires the State Treasurer to deposit the entire amount in the State Treasury to the credit of the Kansas High School Equivalency Credential Processing Fees Fund (Fund) and establishes the Fund in the State Treasury. The Fund will be used only for the payment of expenses connected with the processing, issuance, or duplication of Kansas high school equivalency credentials, and for the keeping of records by KBOR. The bill requires all expenditures from the Fund to be made in accordance with appropriations acts upon warrants of the Director of Accounts and Reports issued pursuant to vouchers approved by KBOR or by a person or persons designated by KBOR.

#### Rules and Regulations

The bill authorizes KBOR to adopt rules and regulations to implement and administer provisions of the bill.

## CTE/Adult Education Integrating Academics Grant

### Summary

**Purpose:** *Through the Strengthening Career and Technical Education for the 21st Century Act (Perkins V) and the Adult Education and Family Literacy Act (AEFLA), grant funds are focused on the implementation of contextualized academic instruction in career technical education programs. Grant funds support implementation of strategies which result in completion of degree and certificate programs, and/or provide appropriate professional development to support integration of academic instructors in the CTE classroom.* 5/30/2019

### Proposals Awarded:

- **Barton Community College** **\$13,000**  
**Project:** Grand funds support an instructional specialist to assist in designing and integrating contextualized academic instruction into the Automotive Technology and Early Childhood Education programs.
- **Highland Community College** **\$19,985**  
**Project:** Adult education and career technical education staff will develop contextualized academic curriculum for the Auto and Diesel Technology programs.
- **Johnson County Community College** **\$10,891**  
**Project:** Grant funds will be used to support adult education and CTE staff in the development and delivery of contextualized academic curriculum in the computer support specialist and metal fabrication/welding programs.
- **Labette Community College** **\$ 8,280**  
**Project:** Grant funds will be used to hire a part-time Success Coach to provide student support in the Physical Therapy Assistant and Registered Nursing programs.
- **Butler Community College** **\$4,470**  
**Project:** Grant funds will support instructors expanding the English Language Acquisition (ELA) program while implementing contextualized instruction. Faculty will also visit several other colleges with high ELA populations to view best practices and further expand the AO-K pathway offerings.
- **Neosho County Community College** **\$14,250**  
**Project:** Grant funds will support a part-time Success Coach as well as adult education and CTE faculty developing and delivering contextualized academic instruction in the Allied Health and Manufacturing Technology (welding) programs.

**TOTAL AWARDED \$70,876**  
(Perkins: \$30,275; AEFLA: \$40,601)

*Note: Informational Purposes Only*

## **Tyson Adult Education Partnership**

### **Summary and Recommendation**

*Tyson Foods has six locations in Kansas, providing prepared foods, processing beef and distributing their products. Working with KBOR staff and the Tyson team, Kansas adult education programs in the local areas will be launching Tyson's Upward Academy to provide adult education, English as a Second Language, and financial literacy instruction to team members at their work site.*

*5/30/2019*

### **Background**

Tyson's front-line workforce is faced with low literacy, limited English proficiency and skills gaps that lead to challenges in their lives. These personal challenges create workplace instabilities that impact attendance, employee turnover, career pathway movements and workplace safety.

The Upward Academy is a workforce education program with a mission to reduce the impact of social challenges for front-line team members and their families. The program provides free and accessible classes in English as a Second Language, High School Equivalency, U.S. Citizenship and other essential life and workplace skills such as digital and financial literacy.

Tyson Upward Academy classes take place on-site at the Tyson plants, providing team members the opportunity to learn in a familiar atmosphere with few obstacles around transportation, child care and scheduling conflicts.

## Accelerating Opportunity @ Work (Walmart Grant)

### Summary and Recommendation

*Branded as AO-K @ Work, the Kansas Board of Regents (KBOR) received a grant from Walmart Inc., to develop customized training programs in partnership with retail and service-sector employers. These programs will focus on both employer and employee needs, providing engaging staff development, and retaining a more skilled workforce. 5/30/2019*

The deadline to apply to participate in the AO-K @ Work grant was April 1, 2019. KBOR staff have reviewed applications and have awarded the following projects:

Butler Community College, Wichita, \$38,000

- Thai Binh Supermarket
- Thai An Supermarket

Dodge City Community College, Dodge City, \$65,000

- Boot Hill Casino
- United Wireless Arena

Paola USD 368, Paola, \$24,350

- Circle C Café
- Miami County Auto
- Paola Inn and Suites

Staff continues to work with institutions to finalize the following projects:

Washburn Tech, Topeka

- Topeka Capitol Plaza
- Ramada Inn Downtown

Garden City Community College, Garden City

- Menards
- Dillon's

Paola USD 368, Kansas City

- Hilton Garden Inn Downtown KCK

Awarded programs will now work directly with employers to establish their goals and begin curriculum development over the summer.

## SB199 – Kansas Pathway to Career

### Summary and Recommendation

*Kansas Pathway to Career (SB199) grants the Kansas Board of Regents the authority to issue a Kansas high school equivalency credential to adults 21 and older who meet certain requirements as established by the board. KBOR staff presents the following proposed criteria, and requests the TEA approve them for presentation to the board.*

5/30/2019

### Background

Kansas Pathway to Career (SB199) grants the Kansas Board of Regents the authority to issue a Kansas high school equivalency credential to adults 21 years of age and older who complete the following four criteria:

- Demonstrate high school equivalency as established by KBOR
- Earn a nationally recognized career readiness certificate at a level established by KBOR
- Complete a KBOR approved Accelerating Opportunity: Kansas (AO-K) pathway
- Earn the industry-recognized credential appropriate to the selected AO-K Pathway

Knowing that modern career technical education programs contain rigorous content specific to technical occupations, the Kansas Pathway to Career seeks to provide adults with a direct path to high school equivalency and employment. To earn the award of a high school equivalency credential, KBOR staff recommend the following requirements:

- Successful completion of an approved AO-K Pathway**
  - KBOR staff approve AO-K Pathways which are a minimum of 12 credit hours
- Successfully earn the industry-recognized credential relating to student's AO-K Pathway**
  - Not all pathways have a corresponding industry-recognized credential
- Earn an ACT Nationally Recognized Career Readiness Certificate (NRCRC) - Silver level**
  - The Kansas WorkReady! certificate has adopted ACT's national NRCRC branding
- Demonstrate high school equivalency in math, reading, and civics**
  - See attached list for proposed requirements.

## AO-K to Work Kansas Pathway to Career

### **AO-K Pathway Requirement** *Courses vary by pathway*

Institution: <i>Insert Institution Name Here</i>		Pathway Designation: <i>Insert Pathway Name Here</i>	
<b>Course</b>	<b>Credit Hours</b>	<b>Grade</b>	

### **Industry Recognized Credential Requirement** *Credentials vary by pathway*

Does the AO-K pathway have an associated credential?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Credential</b>	<b>Date Earned</b>

### **Career Readiness Assessment Requirement**

Students must successfully earn one of the following:

Test	Score	Check Box
Kansas WorkKeys! Certificate	Silver (4) and above	<input type="checkbox"/>
ACT Nationally Recognized Career Readiness Certificate	Silver (4) and above	<input type="checkbox"/>

### **High School Equivalency Requirements**

Math Requirements – Students must demonstrate high school equivalency by accomplishing one of the following:

Method	Achievement Level	Indicator
GED Math	145 and above	
ACT Math	18 and above	
TABE 11/12 Math	596 and above	
Accuplacer – Quantitative Reasoning, Algebra, and Statistics	250 and above	
WorkKeys Applied Math	5 and above	
College Algebra	C and above	
Contemporary/Essential Math	C and Above	

English Language Arts Requirements – Students must demonstrate high school equivalency by achieving one of the following:

Method	Achievement Level	Indicator
GED English Language Arts	145	
ACT Reading	18	
TABE 11/12 Reading	576 and above	
Accuplacer Reading	255 and above	
WorkKeys Workplace Documents	5 and above	
English Composition 101	C and above	

Civics Requirement

Test	Score	Check Box
Kansas Pathway to Career Civics Assessment	70% and above	<input type="checkbox"/>

## College and Career Readiness Standards On-Line Option

### Summary

*The Kansas Board of Regents working with the Training and Technology Team ('T3') from Wichita State University has created an online training platform that allows registered users access to College and Career Readiness Standards (CCRS) professional development training. Due to its accessibility, this training can be completed by part or full-time staff anywhere in the state of Kansas. 5/30/2019*

### Background

Standards-based education has been an integral part of the Office of Career, Technical, and Adult Education's (OCTAE) national leadership activities to improve the quality of adult education and literacy programs nationwide. The initial Common Core State Standards (CCSS) initiative was a state-led effort coordinated by the National Governors Association Center for Best Practices and the Council of Chief State School Officers to develop education standards for English Language Arts and Literacy in History/Social Studies, Science, and Technical Subjects and Mathematics. To identify a set of College and Career Readiness (CCR) standards for adult education, MPR Associates, Inc. convened two independent panels—one each for English language arts and literacy (ELA/literacy) and mathematics—to look at the Common Core State Standards (CCSS) from the perspective of adult education. Panelists validated three key shifts in instruction prompted by the Common Core State Standards (CCSS) and outlined by the Student Achievement Partners (2012). Those three shifts were: Complexity, Evidence, and Knowledge. The outcome was the creation of English Language Arts I, II and III as well as Mathematics I, II, and III.

CCRS was adopted in the Fall of 2015 when nine faculty (4 Math, 5 ELA) became certified trainers. Face to face training began in February of 2016.

### Problem

CCRS was delivered by nine certified trainers (4 Math, 5 ELA) in a face-to-face format from 2016 – 2018. The training took place over multiple days, presenting three main problems:

- Trainings were very long to attend as staff would be out of the office for (average) 2 full days.
- Cost prohibitive for institutions to pay for lodging, food, and mileage.
- Part-time staff had limited training due to time constraints.

### Solution

Contracted with Training and Technology Team (T3) from Wichita State University to create a suite of online/hybrid math and English training to replace the face-to-face training. The integrated system supports user/training activity and provides management tools to support administrative activity.

The process to develop the online training consisted of:

- Filming face-to-face training,
- Editing training videos into several modules, including closed-captioning
- Creation of embedded quizzes and knowledge checks
- Pilot with selected adult education centers
- Changes based on feedback from Pilot programs

### Next Step:

With development now completed, there are multiple next steps:

- Continue to enroll participants into the program via our portal usage.
  - The goal is to have 100% of Adult Education Instructional staff trained by June 2020
  - New staff must complete subject-specific training (i.e., ELA or Math) within six months.
- Explore the possibility of sharing online option with other states
  - Have provided demonstrations to Nevada, Mississippi, and Texas

## TEA Strategic Plan Items

### Summary

*In September of 2018 we held a strategic planning session where TEA members identified items that they wanted KBOR staff to investigate. The following is a list of the items along with their status for your review.*

*5/30/2019*

### Approved TEA Goals 2018-2019

- Support Board 2018-2019 goals
- Review all existing and new programs using updated criteria
- Participate in the Carl Perkins reauthorization efforts
- Encourage expansion of the military articulation efforts while improving access to the information for both the users and the institutions.
- Support having the TEA reauthorized by the Legislature

### Other Areas to Evaluate in 2018-2019

- Offsite TEA meetings
- Statewide grant applications

Additional items requested during the September 2018 TEA Strategic Planning session.

#### TEA Requests:

- Overview of the cost model: March TEA meeting
- Continue to reach out to K-12
- Have K-12 give an update and examples of early models: January TEA meeting
- Provide support data for items brought to the TEA

#### Institution Requests:

- Advocate for an increase in the capital outlay funds
- Advocate for corporate philanthropy
- Streamline the program alignment process: This is a continuous process

### KBOR Board Goals 2018-2019

1. The Board will develop an outline for a new strategic plan for the higher education system in Kansas.
2. The Board will pursue ways to increase access to higher education including the expansion of need-based aid, the promotion of mechanism to provide the early awarding of scholarships, and the seeding of college saving accounts.
3. The Board will develop and implement a unified communication and advocacy plan for all sectors of the higher education system.
4. The Board will designate the Council of Business Officers to collaborate on a new university sector-level approach to gain greater efficiencies.
5. The Board will study university and college service areas to determine if the delivery model for off-campus instruction continues to meet the educational needs of Kansans.
6. The Board will pursue continued coordination of its efforts to increase postsecondary success with the State Board of Education.

**FY 2019 and FY 2020 Budget  
Community & Technical Colleges**

	KBOR Request	Governor's Recommendation	Legislative Action
Restore FY 2017 Allotment (not to be treated as "new money"):			
<b>FY 2020 Tiered and Non-Tiered State Aid</b>	--	1,823,574	1,823,574
Excel in CTE - Fund enrollment estimated in <b>FY 2019</b>	4,500,000	4,500,000	4,500,000
Excel in CTE - Fund enrollment estimated in <b>FY 2020</b>	1,200,000	--	--
Fund the postsecondary tiered technical state aid "gap" <b>FY 2020</b>	7,200,000	--	1,529,704
Fund the postsecondary non-tiered technical state aid "gap" <b>FY 2020</b>	18,000,000	--	2,007,144
<b>Total - FY 2019 and FY 2020</b>	<b>\$ 30,900,000</b>	<b>\$ 6,323,574</b>	<b>\$ 9,860,422</b>