

Postsecondary Technical Education Authority

AGENDA

Kansas Board of Regents

1000 SW Jackson, Suite 520, Topeka, KS

10:00 AM – February 24, 2022

- I. CALL TO ORDER**
- A. Approve Previous Minutes (January 27, 2022) Chair Hess
- II. REPORTS**
- A. Introductions Chair Hess
- B. Chair's Report Chair Hess
- 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 Genandt
- III. CONSENT AGENDA**
- Program and Curriculum Committee Committee Chair R. Johnson
- A. New Program Associate Director Chambers
- Neosho County Community College: Diagnostic Medical Sonography (51.0910)
- B. Excel in CTE Fees Associate Director Chambers
- Neosho County Community College: Diagnostic Medical Sonography (51.0910)
- C. Promise Act Director Henry
- Northwest Kansas Technical College: EMT (51.0810)
 - Neosho County Community College: Diagnostic Medical Sonography (51.0910)
- IV. OTHER MATTERS**
- A. KTIP Report Associate Director Chambers
- B. Carl D. Perkins Report Associate Director Wood
- C. Legislative Update Vice President Frisbie
- V. NEXT MEETING REMINDER** (Thursday, March 31, 2022) Chair Hess
- VI. ADJOURNMENT**

**KANSAS POSTSECONDARY
TECHNICAL EDUCATION AUTHORITY
MEETING**

A virtual meeting of the Kansas Postsecondary Technical Education Authority (TEA) was held via ZOOM on January 27, 2022.

Members Present

Mark Hess, Chair	Tiffany Anderson
Jason Cox, Vice Chair	Eddie Estes
Keith Humphrey	Rita Johnson
Debra Mikulka	Mike Beene
Mike Johnson	
Stacy Smith	

Others Present

Heather Morgan, Kansas Association Community College Trustees
Cloud County Community College
Coffeyville Community College
Cowley Community College
Flint Hills Technical College
Fort Scott Community College
Garden City Community College
Hutchinson Community College
Independence Community College
Labette Community College
Manhattan Area Technical College
Neosho County Community College
North Central Kansas Technical College
Pittsburg State University – Kansas Center for CTE
Pratt Community College
Washburn Institute of Technology

Kansas Board of Regents Staff Present

Scott Smathers	Elaine Frisbie
April Henry	Matt Casey
Sue Grosdidier	Cindy Farrier
Vera Brown	Lisa Beck
Eric Tincher	Steve Funk
Charmine Chambers	Tim Peterson
Hector Martinez	Susan Henry
Susanna Lee	

CALL TO ORDER

The meeting was called to order by Chair Hess at 10:00 A.M. Chair Hess provided members with virtual meeting guidelines.

Approval of Minutes

Chair Hess called for a motion to approve the minutes from the December 2, 2021 meeting. Member Beene noted an amendment needed to add him as an attendee of that meeting.

Motion: Member Beene moved to approve the minutes of the December 2, 2021 meeting as amended. Following a second by Member Estes, the motion carried.

REPORTS

Introductions

None.

Chair's Report

Chair Hess shared with members that his company, Hess Services, loaned trucking equipment to North Central Kansas Technical College allowing them to continue student participation in their CDL program, while their truck undergoes repairs from damage caused by a recent storm.

Member Liaison Reports

None.

Vice President for Workforce Development Report

Chair Hess called on Vice President Smathers to provide members with a Workforce Development report. Vice President Smathers reported that he has received questions regarding the KSU Polytechnic Unmanned Aircraft Systems program and that the effort has been put on hold temporarily while KSU works with both Cloud Community College and WSU Tech to seek a resolution. He informed members that staff is completing collections and year-end results for Adult Education and Carl Perkins federal grants and expressed appreciation for Kansas Department of Education support with information to complete the submissions. Vice President Smathers reported he met with Kansas Department of Commerce Director of Workforce AID, Allyssa Johnson, and is impressed with her plans for this program. He added he intends to have Ms. Johnson do a presentation for the TEA, and he believes her ideas are progressive, tying in closely to President Johnston's requests regarding non-credit hour training that the college's want to offer and how they might be supported in that effort. He reported that Board Staff continues working on many projects, including engineering grant goals, Department of Commerce projects, the Lumina Military Articulation grant, virtual Adult Education training and the Promise Act.

Report from the Community Colleges

Chair Hess called upon Fort Scott Community College President Johnston to provide members with a report from the community colleges.

Report from the Technical Colleges

Chair Hess called upon Manhattan Area Technical College President Genandt to provide members with a report from the technical colleges.

CONSENT AGENDA

Program and Curriculum Committee

New Excel in CTE Fees

WSU Campus of Applied Sciences and Technology: AMT (47.0607)

WSU Campus of Applied Sciences and Technology: Powerplant (47.0608)

Program Alignment

Medical Assistant

Chair Hess called for a motion to approve the Consent Agenda items from the Technical Program and Curriculum Committee. Committee Chair Johnson informed members that the committee had lengthy discussion regarding the Consent Agenda items and recommends approval by the TEA.

Motion: Member R. Johnson moved to approve the Consent Agenda items. Following a second by Member Beene, the motion carried unanimously by roll call vote.

DISCUSSION AGENDA

Excel in CTE Fee Process

Chair Hess called on Technical Program and Curriculum Committee Chair R. Johnson to lead discussion regarding the Excel in CTE Fee Process. Committee Chair Johnson explained that at the last committee meeting, the committee discussed information provided by Board Staff per their request regarding the Excel in CTE fees by program, focusing on three programs that have the highest high school enrollment, which are Certified Nurse Aide, Home Health Aide and Welding. Committee Chair Johnson explained that the Committee expected to see some variation in the fees charged to the student by institutions, however they did not expect to see such a broad variation in the amount of fees charged within a program. The Committee had extensive discussion and requested that Board Staff work with the community and technical colleges to gather more specific information on the actual fees the institutions charge to students for Excel in CTE fees. The Committee discussed that it would be beneficial for institutions to share their compensation structure regarding Excel in CTE fees with each other and perhaps enable lowering the costs to students across the state. Committee Chair Johnson informed TEA members that this review has resulted in many questions by the Committee, and that discussion will continue at the committee level prior to presenting the committee findings to the TEA.

OTHER MATTERS

Legislative Update

Chair Hess called on Director Casey to provide members with a legislative update. Director Casey gave a brief report to members on the recent and upcoming activities of the Legislature. He shared that the Legislature is three weeks into session and is less than a month away from the turnaround date of February 24, which marks the midpoint of the regular session and when all the bills need to be passed from their originating Chamber. He reported that The Promise Act trailer bill is a ten-page bill that addresses many different amendments and clarifying language pieces to the Promise Act that was passed last year and the committee is planning to move it along in the process. He reported that the Governor released her budget recommendations with an excellent number of items included in the budget for higher education, and specifically for the two-year sector, including funds to fully fund the Excel in CTE program, and funds towards tiered and non-tiered courses and Capital outlay.

Energy Related Career Technical Education Videos Project

Chair Hess called on Senior Project Director Peterson to share the Energy Related Career Technical Education Videos Project. Senior Project Director Peterson gave a brief background of the project, thanking business partners, ITC Holdings, Sunflower Electric and Cox media as well as Pratt Community College, Cloud Community College and North Central Kansas Technical College faculty and staff for their assistance with the project. He shared three video projects focusing on wind technology and electric power technology and explained it is hoped to distribute these videos through a variety of venues, including websites, social media outlets and career fairs, to help students find out what programs exist and where they can obtain specific training. He added that the Build Something Now campaign aligns closely with the Board Strategic Plan.

State Aid for Tiered and Non-Tiered Courses (“Gap Report”)

Chair Hess recognized Vice President Frisbie to provide information regarding the AY2021 Gap Report. Vice President Frisbie reminded members that approximately 11 years ago the legislature enacted Senate Bill 143 which established the cost model that is currently used to allocate funds to the two-year colleges, for their technical college courses and their non-technical college courses. Vice President Frisbie

presented the gap report as computed according to the institution enrollment data and adjusted for inflation on the cost rates. She explained the cost model produces a gap report that identifies the funding shortfall for each college when considering local resources and available state funding. The AY2021 GAP Calculation was provided to TEA members, and Vice President Frisbie explained how these numbers are calculated and generally interpreted the figures as listed for the institutions. She explained that the final numbers for the actual distribution will be presented to the TEA at the May 26, 2022 meeting, and those numbers will depend upon several things, including how much money the legislature appropriates for tiered and non-tiered courses and if there is any proviso language attached to those appropriations that would dictate how any funding may have to be attributable to gaps. She added that there could be big swings in the dollar amounts for each college, depending on what the legislature does this session, however the Governor has recommended to the legislature to appropriate \$2 million more next year for tiered courses and \$4 million more for non-tiered courses.

Promise Act Update

Chair Hess recognized Vice President Smathers to provide a Promise Act update. Vice President Smathers shared a PowerPoint presentation providing background on the Promise Act and provided a summary of how the Act is currently written. He reported that in this first semester, there were 384 grants awarded by community colleges, (excluding pending data from Barton Community College), 255 were awarded by technical colleges, and 24 awarded by independent colleges, for a total of 663 total awards given, with the primary recipients being full-time students. He provided a chart to TEA members with awards details from data reported by the institutions. Vice President Smathers also shared details regarding the trailer Bill that is currently in committee discussion at the Legislature.

Kansas Center for CTE

Chair Hess recognized Dr. Greg Belcher from Pittsburg State University to inform members regarding the University's Kansas Center for CTE. Dr. Belcher explained that the Center was established in 2014 and it is a professional development Center for current technical educators, both at secondary and postsecondary levels working under four pillars which are workshops, resources, mentoring and coursework, continuing the professional development of teachers. He shared the website with TEA members for reference.

NEXT MEETING REMINDER

Chair Hess reminded members that the next regular TEA meeting is scheduled to be a conference call and will be held virtually on February 24, 2022 at 10:00 A.M.

ADJOURNMENT

With no further business, Chair Hess adjourned the meeting at 11:58 A.M.

Respectfully submitted by:

Susan Henry, Executive Assistant

Act on requests for degree and/or certificate programs submitted from community colleges and technical colleges

Summary

The Board office received a request from Neosho County Community College to offer an Associate of Applied Science degree in Diagnostic Medical Sonography.

The program addressed all criteria requested and was subject to the 10-day comment period required by Board policy. The program was reviewed by staff and is presented for review and discussion by the Technical Education Authority's Program and Curriculum Committee. 2/24/2022

Background

Community and technical colleges submit requests for new certificate and degree programs utilizing forms approved by Board staff. Criteria addressed during the application process include, but are not limited to, the following: program description, demand for the program, duplication of existing programs, faculty, costs and funding, and program approval at the institution level.

Description of Proposed Programs:

Neosho County Community College (NCCC) requests approval of the following program:

- Diagnostic Medical Sonography (51.0910) – Associate of Applied Science degree/68 credit hours

According to the U.S. Department of Education, CIP Code 51.0910 Diagnostic Medical Sonography is defined as a program that prepares individuals, under the supervision of physicians, to utilize medical ultrasound techniques to gather sonographic data used to diagnose a variety of conditions and diseases. Curriculum should include instruction in obtaining, reviewing, and integrating patient histories and data; patient instruction and care; anatomic, physiologic and pathologic data recording; sonographic data processing; sonography equipment operation; and professional standards and ethics; sonography principles and instruments, abdominal sonography, OB/GYN sonography, neurosonography, vascular ultrasound, and clinical practice.

Cross-walking the proposed CIP Code (51.0910 Diagnostic Medical Sonography) to occupations resulted in one standard occupation classification code (SOC), 29-2032 Diagnostic Medical Sonographers. The occupation is defined as an employee who produces ultrasonic recordings of internal organs for use by physicians and includes vascular technologists.

The Diagnostic Medical Sonography program is the result of a Title III Strengthening Institutions grant that became available in 2019. NCCC originally received a request from Ransom Memorial Hospital (currently AdventHealth) which was not feasible at the time of request due to cost. When the Title III Strengthening Institutions grant opportunity became available in 2019, NCCC administration researched high demand, high wage careers in Kansas, and reached back out to Ransom Memorial Hospital when writing the Title III grant application. The funding began October 1, 2021. Currently (December 2021), AdventHealth [formerly Ransom Memorial Hospital] in Ottawa, Kansas is short six sonography technicians.

The proposed program consists of one exit point, a 68-credit hour Associate of Applied Science degree. Upon completion, students would be eligible to sit for the Registered Diagnostic Medical Sonographer certification offered through the American Registry for Diagnostic Medical Sonography.

The college plans to seek accreditation from the Commission on Accreditation of Allied Health Education Programs (CAAHEP) using the Standards and Guidelines for the Accreditation of Educational Programs

in Diagnostic Medical Sonography. The program must be approved and a program director must be hired before being eligible to begin the self-study process. The Program Director and Clinical Coordinator are both new positions for Neosho County Community College, and the Title III grant specifies the hiring timeline. The Program Director job description was approved at the January 2022 NCCC Board of Trustees meeting and is being advertised with a notation that reads “pending KBOR approval”. The position is scheduled to start April 1, 2022.

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Diagnostic Medical Sonographers (29-2032) of 13.3% with an annual median wage of \$76,560, with an associate degree as the typical education needed for entry. Annual openings equate to 49 jobs per year.

The Perkins Comprehensive Local Needs Assessment (CLNA) was conducted with educational entities and representatives from Southeast Kansas and was submitted in January of 2020. The Title III Strengthening Institutions grant was submitted in 2019, before the CLNA was completed. The Diagnostic Medical Sonography program was discussed; however, it was discussed as a need in the Ottawa area – not in Southeast Kansas – as there is already a provider of Diagnostic Medical Sonography training in Southeast Kansas.

Emsi job posting analytics show that from December 2020 to December 2021, roughly 1,826 total postings (550 unique postings) were advertised statewide with a median advertised salary of \$48.12 per hour.

Four letters of support for the proposed program were received from Neosho Memorial Regional Medical Center, Ashley Clinic, Saint Luke’s Health System, and AdventHealth. Supports and commitments for the program include serving on the local advisory committee, serving as guest speakers, and committing to give highest consideration for employment to program graduates.

Currently, one institution offers a similar program. Below are the colleges, programs, total number of concentrators, total number of graduates, total number of graduates exiting the higher education system and employed, and average wage of graduates who exited the higher education system and are employed information from the 2020 K-TIP report.

Kansas Training Information Program				
2020 K-TIP Data for Diagnostic Medical Sonography				
College	Total # Concentrators	Total # Graduates	Total # Graduates & Employed	Average Wage: Graduates Exited & Employed
Labette Community College (51.0910)	13	8	*	*
Total	13	8	*	*

Neosho County Community College did not reach out to Labette Community College to seek input and advice regarding the program as Labette Community College provides DMS training in Southeast Kansas and the proposed DMS program will be offered in Ottawa, Kansas. The NCCC program will be face-to-face with a state-of-the-art laboratory and will have minimal to no online instruction. Lecture and lab classes will be held daily and shared personnel to serve both programs is not feasible. NCCC will require a full-time program director and a full-time clinical coordinator to advise students and place them into clinical rotations, and these individuals must be housed on the NCCC Ottawa campus to be effective in their roles. The distance between Parsons, Kansas and Ottawa, Kansas makes partnership unrealistic. Further collaboration was not pursued; however, will be should the need arise. Fort Hays State University (FHSU) and Washburn University were contacted to inquire about

articulating the AAS degree with existing bachelor programs. NCCC is moving forward with discussions with FHSU and is awaiting response from Washburn University.

The college plans to begin the proposed Diagnostic Medical Sonography program in the fall of 2022. The college estimates the initial cost of the proposed program at approximately \$492,966 (\$144,000 salaries, \$240,296 equipment, \$58,585 physical facilities, \$47,435 instructional supplies, and \$2,650 accreditation fees). All startup costs associated with the program will be funded through a US Department of Education Title III Strengthening Institutions Grant. Diagnostic Medical Sonography is one of three programs to be funded with this 2.25M grant from the Department of Education. Program costs beyond year one will be funded through the Title III grant, institution general funds, and student tuition/fees. Brenda Krumm, Dean of Outreach & Workforce Development/Title II Director, will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from January 24, 2022, to February 4, 2022 during which no formal comments were received.

Recommendation

The new program request submitted by Neosho County Community College for an Associate of Applied Science degree at 68-credit hours in Diagnostic Medical Sonography has been reviewed by the Program and Curriculum Committee and is recommended for approval by the Technical Education Authority.

Excel in Career Technical Education (CTE) Fees

Summary

Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval. 2/24/2022

Background

K.S.A 72-3810 states:

“All tuition and fees charged for career technical education by any board shall be in such amounts as are authorized by rules and regulations adopted by the state board which shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The particular tuition and fee schedule of every career technical education program shall be subject to annual approval of the state board. A current complete schedule of tuition and fees for each career technical education course and program of each board as approved by the state board shall be maintained on file in the office of the state board and shall be open for public inspection at any reasonable time.”

"Fees means those charges assessed against a student by a community college, technical college or the institute of technology for student services, such as health clinics, athletic activities and technology services, or for books, supplies or other materials necessary for a particular course or program, the expense of which is not covered by tuition.”

"Tuition means those charges assessed against a student by a community college, technical college or the institute of technology on a per credit hour, per course or per term basis, and that are charged to cover the general expense of providing instructional services.”

As per the Postsecondary Technical Education Authority’s (TEA) request, on Thursday, December 19, 2019, representatives from community colleges, technical colleges, and Board staff met to set guidelines for fees associated with Excel in CTE courses and programs. As a result of this meeting, agreed upon allowable fees include items/services students take with them and industry-specific fees required for entrance/acceptance into the program.

Allowable fees include:

- Uniforms
- Personal protective equipment
- Background checks
- Fingerprints
- Drug tests
- E-subscriptions/E-books
- Textbooks
- Certification tests
- Liability insurance (example: student malpractice)
- Graduation fees (if applicable)
- Transcript fees (if applicable)

Unallowable fees include:

- Student fees (general)
- Technology fees
- Health fees
- Consumables
- Any other fee not on the allowable list

Non-tiered courses - per statute (K.S.A. 71-1802) a technical program is defined as a “program of study comprised of a sequence of tiered technical courses and non-tiered courses, which is identified by the state board as a technical program for funding purposes.” For this reason, students enrolled in technical programs may take non-tiered courses and are responsible for all associated tuition and fees.

Recommendation

The new program Excel in CTE fees below have been reviewed by the Program and Curriculum Committee and are recommended for approval by the Technical Education Authority.

- Neosho County Community College: Diagnostic Medical Sonography Excel in CTE fees total \$420. Fees are for textbooks and access to TestOut Desktop Pro.

Act on programs eligible for the Kansas Promise Scholarship Act

Summary

The Kansas Legislature enacted the Kansas Promise Scholarship Act (Promise Scholarship) which provides scholarships for students to attend an eligible postsecondary education institution. Eligible programs would be any two-year associate degree program, career and technical education certificate, or stand-alone program that fall into the four fields of study prescribed. It also allows each eligible institution to designate one additional program outside the specified fields that corresponds to a high wage, high demand, or critical need occupation. 2/24/2022

Background

On April 23, 2021, Governor Kelly signed [House Bill 2064](#), the Kansas Promise Scholarship Act. The Act provides \$10 million in scholarships for students to enroll in eligible programs at eligible institutions beginning academic year 2022, or July 1, 2021.

The Act also states that the Board of Regents will administer the program. Administration is broken into three categories: Rules and Regulations, Eligible Programs, and Other Responsibilities. The Kansas Postsecondary Technical Education Authority is delegated the approval of eligible programs. The Act (section 2) identifies eligible programs as any of the following fields of study:

- Advanced Manufacturing and Building Trades
- Early Childhood Education and Development
- Mental and Physical Healthcare
- Information Technology and Security

The Act (section 3) also states that “an eligible postsecondary institution may designate one additional promise eligible program if the additional program is a two-year associate degree program or a career and technical education certificate or stand-alone program that corresponds to a high wage, high demand, or critical need occupation.”

Recommendation

The following programs are seeking approval to become Promise Eligible programs. The programs have been reviewed by the Program and Curriculum Committee and are recommended for approval by the Technical Education Authority:

- Northwest Kansas Technical College: EMT - falls under the Mental and Physical Healthcare category specified in legislation.
- Neosho County Community College: Diagnostic Medical Sonography – falls under the Mental and Physical Healthcare category specified in legislation.

Academic Year 2020 Kansas Information Training Program (K-TIP) Highlights

Summary and Staff Recommendation

Purpose: K.S.A. 74-32,418 (previously K.S.A. 72-4451) established the Kansas Training Information Program (K-TIP), which is published annually by program and by institution. K-TIP shows employment placement rates and average salaries earned by students completing career technical education programs in the state during the most recently ended fiscal year, as well as the overall number of career technical program majors, number of career technical program graduates, and students pursuing additional education or training by program and institution.

2/24/2022

Background

Compiled from data submitted to the Kansas Board of Regents by the individual institutions, K-TIP includes data for all approved postsecondary career technical education programs offered by technical colleges, community colleges, Washburn University Institute of Technology, and Wichita State University Campus of Applied Sciences and Technology. Employment and wage information is reported for program graduates who have left public postsecondary education. Supplemental employment data provided by the Kansas Department of Labor and Missouri Department of Labor has been included where available. Many factors influence actual annual earnings, such as regional differences, self-employment status, and data availability.

K-TIP Highlights

K-TIP Highlights provides an overview of the 2021 High Demand Occupations determined by the Kansas Department of Labor, for occupations supported directly by two-year (or less) technical programs, comparing the wages and outlook for those occupations against AY2020 production for career technical education programs of all award levels (Short-Term, Certificate, and Associate level).

The reporting utilized from the Department of Labor includes the High Demand and the High Demand/High Wage Occupation Reports for 2021, the 2020-2022 Short-Term Occupational Outlook, and the 2021 Wage Survey (for the Entry Level Annual/Hourly Wage data).

Statewide Reporting Year	Statewide Average Wage	Average Hourly Wage Statewide	Average Hourly Median Wage Statewide	Annual Entry Level Hourly Wage Statewide
2019	\$45,277	\$21.77	\$17.28	\$10.33
2020	\$46,520	\$22.37	\$17.79	\$10.65
2021	\$48,609	\$23.37	\$18.59	\$11.09

Source: Kansas Department of Labor reports

The AY2020 K-TIP provides data on the Total # of Declared Majors and the Total # of Graduates reported by institutions, the Total # of Graduates Exiting Postsecondary Education & Employed, and the Average and Median Wages for Graduates Exiting and Employed.

Occupations and programs have been sorted (highest to lowest) based on the ranking of the occupation on the 2021 High Demand Listing from the Kansas Department of Labor. Data has been included to indicate where the occupation (SOC Code) corresponds with multiple programs (CIP Code) as well as when a single program (CIP) corresponds with multiple occupations (SOC). 2021 High Demand High Wage occupations, programs which have undergone the process of Program Alignment, as well as the number of institutions offering each CIP Code based on programs entered in the KHEDS data system are notated.

Systemwide: Supply and Demand for High Demand Occupations

2021 High Demand Occupations - Kansas Department of Labor - Sorted by Rank							AY2020 Kansas Training Information Program Report (K-TIP)									
SOC	SOC Title (\$ = 2021 HDHW Occupation)	Education (Typical level needed for occupation entry)	Hourly Entry Level Wage (2021 Wage Survey) (Green Font beating \$11.09 State Average)	Annual Entry Level Wage (2021 Wage Survey)	Annual Openings (2020-2022 Short Term Occupational Projections)	GAP 2020-2022 Projections Annual Openings vs. K-TIP Grads Exiting AY2020	# of institutions Currently Offering	Program Name (^ = Aligned Program)	CIP Code	Total # Declared Majors	Total # Concentrators (Bolded beating 2020-2022 Projections Annual Openings)	Total # Graduates	Total # Graduates Exiting	Total # Graduates Exiting and Employed	Average Wage: Graduates Exiting and Employed (Green font beating Statewide Entry level)	Median Wage: Graduates Exiting and Employed
29-1141	Registered Nurses \$	Bachelor's degree	\$24.45	\$50,858	1,508	983	18	Registered Nursing/Registered Nurse ^	51.3801	2,544	1,272	714	525	498	\$55,522	\$54,709
53-3032	Heavy and Tractor-Trailer Truck Drivers	Postsecondary nondegree award (Short-Term OJT)	\$15.32	\$31,861	2,083	3,123	8	Truck and Bus Driver/Commercial Vehicle Operator and Instructor (SAPP)	49.0205	141	115	115	85	72	\$38,666	\$39,968
53-3033	Light Truck Drivers	HS diploma or equivalent (Short-Term OJT)	\$11.03	\$22,949	1,051											
53-3052, 53-3021	Bus Drivers, Transit and Intercity	HS diploma or equivalent (Moderate OJT)	\$12.04	\$25,039	74											
31-1131, 31-1014	Nursing Assistants	Postsecondary nondegree award	\$11.46	\$23,835	2,111	833	4	Health Aide	51.2601	39	*	*	*	*	NR	NR
							26	Nursing Assistant/Aide and Patient Care Assistant/Aide (SAPP)	51.3902	4,441	3,757	3,757	1,278	961	\$19,267	\$18,214
31-1120, 31-1011	Home Health and Personal Care Aides	HS diploma or equivalent (Short-Term OJT)	\$9.57	\$19,915	3,082	3,004	14	Home Health Aide/Home Attendant (SAPP)	51.2602	526	357	357	78	53	\$15,524	\$13,277
39-9011	Childcare Workers	HS diploma or equivalent (Short-Term OJT)	\$8.59	\$17,869	867	861	2	Child Care Provider/Assistant	19.0709	34	28	12	6	*	\$16,882	\$16,633
15-1232, 15-1151	Computer User Support Specialists	Some college, no degree	\$15.83	\$32,918	456	425	9	Computer Support Specialist ^	11.1006	382	199	54	31	26	\$38,144	\$31,173
31-9092	Medical Assistants	Postsecondary nondegree award	\$12.77	\$26,552	564	522	8	Medical/Clinical Assistant ^	51.0801	242	137	60	42	41	\$28,916	\$28,815
29-2061	Licensed Practical and Licensed Vocational Nurses	Postsecondary nondegree award	\$17.57	\$36,539	460	182	22	Licensed Practical/Vocational Nurse Training ^	51.3901	1,656	1,098	807	278	263	\$39,063	\$38,539
47-2111	Electricians \$	HS diploma or equivalent (Apprenticeship)	\$17.43	\$36,245	487	345	11	Electrician ^	46.0302	505	343	170	142	130	\$37,156	\$37,249
33-3051	Police and Sheriff's Patrol Officers	HS diploma or equivalent (Moderate OJT)	\$17.23	\$35,836	342	334	13	Criminal Justice/Police Science ^	43.0107	514	81	19	8	7	\$37,558	\$43,114

Systemwide: Supply and Demand for High Demand Occupations

2021 High Demand Occupations - Kansas Department of Labor - Sorted by Rank							AY2020 Kansas Training Information Program Report (K-TIP)									
SOC	SOC Title (\$ = 2021 HDHW Occupation)	Education (Typical level needed for entry to occupation)	Hourly Entry Level Wage (2021 Wage Survey) (Green Font beating \$11.09 State Average)	Annual Entry Level Wage (2021 Wage Survey)	2020-2022 Short Term Occupational Projections Annual Openings	GAP 2020-2022 Projections Annual Openings vs. Grads Exiting AY2020	# of institutions Currently Offering	Program Name (^ = Aligned Program)	CIP Code	Total # Declared Majors	Total # Concentrators (Bolted beating 2020-2022 Projections Annual Openings)	Total # Graduates	Total # Graduates Exiting	Total # Graduates Exiting and Employed	Average Wage: Graduates Exiting and Employed (Green font beating Statewide Entry level)	Median Wage: Graduates Exiting and Employed
49-9041	Industrial Machinery Mechanics \$	HS diploma or equivalent (Long-Term OJT)	\$19.41	\$40,369	385	359	4	Industrial Mechanics and Maintenance Technology/Technician ^	47.0303	122	108	37	26	24	\$47,814	\$42,890
47-2031	Carpenters	HS diploma or equivalent (Apprenticeship)	\$14.69	\$30,546	636	506	14	Carpentry/Carpenter ^	46.0201	660	401	227	130	117	\$24,538	\$24,703
43-6013	Medical Secretaries and Administrative Assistants	HS diploma or equivalent (Moderate OJT)	\$12.90	\$26,826	478	468	4	Medical Office Assistant/Specialist	51.0710	81	34	18	10	9	\$15,256	\$14,528
							4	Medical Administrative/Executive Assistant and Medical Secretary	51.0716	34	12	7	*	*	\$25,536	\$26,968
47-2152	Plumbers, Pipefitters, and Steamfitters	HS diploma or equivalent (Apprenticeship)	\$18.06	\$37,557	440	416	4	Plumbing Technology/Plumber	46.0503	33	26	26	24	24	\$9,115	\$9,115
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers \$	Postsecondary nondegree award (Long-Term OJT)	\$17.92	\$37,280	328	202	12	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician ^	47.0201	538	393	149	126	112	\$35,826	\$33,069
33-3012	Correctional Officers and Jailers	HS diploma or equivalent (Moderate OJT)	\$16.37	\$34,042	221	*	2	Corrections ^	43.0102	23	*	*	*	*	\$65,170	\$65,170
49-3023	Automotive Service Technicians and Mechanics	Postsecondary nondegree award (Short-Term OJT)	\$12.37	\$25,732	496	337	19	Automobile/Automotive Mechanics Technology/Technician ^	47.0604	1,101	793	230	159	144	\$30,921	\$30,505
29-2052	Pharmacy Technicians	HS diploma or equivalent (Moderate OJT)	\$13.04	\$27,129	341	329	5	Pharmacy Technician/Assistant	51.0805	96	35	16	12	9	\$27,551	\$23,234
25-2011	Preschool Teachers, Except Special Education	Associate's degree	\$10.42	\$21,672	159	129	12	Child Care and Support Services Management	19.0708	381	143	54	30	27	\$25,132	\$23,654
43-6011	Executive Secretaries and Executive Administrative Assistants \$	HS diploma or equivalent (work experience less than 5 years)	\$16.50	\$34,325	466	394	20	Administrative Assistant and Secretarial Science, General	52.0401	503	193	127	72	62	\$29,138	\$30,122

Systemwide: Supply and Demand for High Demand Occupations

2021 High Demand Occupations - Kansas Department of Labor - Sorted by Rank							AY2020 Kansas Training Information Program Report (K-TIP)									
SOC	SOC Title (\$ = 2021 HDHW Occupation)	Education (Typical level needed for entry to occupation)	Hourly Entry Level Wage (2021 Wage Survey) (Green Font beating \$11.09 State Average)	Annual Entry Level Wage (2021 Wage Survey)	2020-2022 Short Term Occupational Projections Annual Openings	GAP 2020-2022 Projections Annual Openings vs. Grads Exiting AY2020	# of institutions Currently Offering	Program Name (^ = Aligned Program)	CIP Code	Total # Declared Majors	Total # Concentrators (Bolded beating 2020-2022 Projections Annual Openings)	Total # Graduates	Total # Graduates Exiting	Total # Graduates Exiting and Employed	Average Wage: Graduates Exiting and Employed (Green font beating Statewide Entry level)	Median Wage: Graduates Exiting and Employed
39-5012	Hairdressers, Hairstylists, and Cosmetologists	Postsecondary nondegree award	\$8.70	\$18,094	567	383	11	Cosmetology/Cosmetologist, General	12.0401	667	472	211	184	164	\$16,577	\$14,967
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	HS diploma or equivalent (Long-Term OJT)	\$15.73	\$32,725	226	136	8	Medium/Heavy Vehicle and Truck Technology/Technician ^	47.0613	331	291	99	90	75	\$40,752	\$42,770
51-4041	Machinists	HS diploma or equivalent (Long-Term OJT)	\$15.61	\$32,463	182	97	8	Machine Tool Technology/Machinist ^	48.0501	458	307	114	85	74	\$26,008	\$27,994
29-2034	Radiologic Technologists and Technicians \$	Associate's degree	\$20.10	\$41,802	106	88	2	Radiologic Technology/Science - Radiographer ^	51.0911	116	76	28	18	18	\$46,987	\$46,812
31-9091	Dental Assistants	Postsecondary nondegree award	\$14.60	\$30,366	270	238	4	Dental Assisting/Assistant ^	51.0601	84	59	49	32	31	\$29,976	\$28,662
29-1126	Respiratory Therapists \$	Associate's degree	\$22.06	\$45,878	79	18	6	Respiratory Care Therapy/Therapist ^	51.0908	244	183	67	61	58	\$48,193	\$50,016
33-2011	Firefighters	Postsecondary nondegree award (Long-Term OJT)	\$10.66	\$22,176	199	116	9	Fire Science/Fire-Fighting	43.0203	568	244	74	65	59	\$50,583	\$47,781
							2	Fire Science/Fire-Fighting (SAPP)	43.0203	36	26	26	18	16	\$59,999	\$52,581
31-9097	Phlebotomists	Postsecondary nondegree award	\$12.76	\$26,545	127	79	1	Phlebotomy Technician/Phlebotomist	51.1009	9	*	*	*	*	NR	NR
							8	Phlebotomy Technician/Phlebotomist (SAPP)	51.1009	137	81	81	48	37	\$23,181	\$19,998
29-2055	Surgical Technologists	Postsecondary nondegree award	\$16.67	\$34,675	85	24	5	Surgical Technology/Technologist ^	51.0909	151	122	76	61	57	\$38,805	\$38,261
29-2040, 29-2041	Emergency Medical Technicians and Paramedics	Postsecondary nondegree award	\$9.48	\$19,719	140	-239	3	Emergency Care Attendant (EMT Ambulance)	51.0810	24	5	*	*	*	\$27,735	\$29,711
							8	Emergency Medical Technology/Technician (EMT Paramedic)	51.0904	349	200	80	67	65	\$57,962	\$54,666
							15	Emergency Care Attendant (EMT Ambulance) (SAPP)	51.0810	597	423	423	248	221	\$32,979	\$27,529
							7	Emergency Medical Technology/Technician (EMT Paramedic) (SAPP)	51.0904	128	89	89	64	53	\$33,523	\$29,875

Systemwide: Supply and Demand for High Demand Occupations

2021 High Demand Occupations - Kansas Department of Labor - Sorted by Rank							AY2020 Kansas Training Information Program Report (K-TIP)									
SOC	SOC Title (\$ = 2021 HDHW Occupation)	Education (Typical level needed for entry to occupation)	Hourly Entry Level Wage (2021 Wage Survey) (Green Font beating \$11.09 State Average)	Annual Entry Level Wage (2021 Wage Survey)	2020-2022 Short Term Occupational Projections Annual Openings	GAP 2020-2022 Projections Annual Openings vs. Grads Exiting AY2020	# of institutions Currently Offering	Program Name (^ = Aligned Program)	CIP Code	Total # Declared Majors	Total # Concentrators (Bolted beating 2020-2022 Projections Annual Openings)	Total # Graduates	Total # Graduates Exiting	Total # Graduates Exiting and Employed	Average Wage: Graduates Exiting and Employed (Green font beating Statewide Entry level)	Median Wage: Graduates Exiting and Employed
49-3041	Farm Equipment Mechanics and Service Technicians \$	HS diploma or equivalent (Long-Term OJT)	\$16.38	\$34,079	112	69	5	Agricultural Mechanics and Equipment/Machine Technology/Technician	01.0205	135	113	45	43	41	\$47,565	\$47,794
51-8031	Water and Wastewater Treatment Plant and System Operators	HS diploma or equivalent (Long-Term OJT)	\$13.62	\$28,325	90	85	1	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician	15.0506	18	16	13	5	5	\$58,326	\$50,985
35-1011	Chefs and Head Cooks	HS diploma or equivalent (work experience 5 years or more)	\$12.17	\$25,311	103	55	2	Cooking and Related Culinary Arts, General	12.0500	151	73	30	19	15	\$19,876	\$18,854
							2	Baking and Pastry Arts/Baker/Pastry Chef	12.0501	16	16	6	*	*	\$25,275	\$25,275
							2	Culinary Arts/Chef Training	12.0503	178	90	19	16	15	\$37,009	\$38,620
							2	Restaurant, Culinary, and Catering Management/Manager	12.0504	81	38	16	13	11	\$29,970	\$26,880
23-2011	Paralegals and Legal Assistants	Associate's degree	\$13.58	\$28,241	256	217	4	Legal Assistant/Paralegal	22.0302	146	84	48	39	34	\$43,134	\$41,901
43-5032	Dispatchers, Except Police, Fire, and Ambulance	HS diploma or equivalent (Moderate OJT)	\$13.56	\$28,208	146	*	1	Homeland Security, Law Enforcement, Firefighting and Related Protective Services, Other	43.9999	15	9	*	*	*	\$21,626	\$21,626
31-2021	Physical Therapist Assistants \$	Associate's degree	\$21.67	\$45,074	149	64	4	Physical Therapy Assistant ^	51.0806	332	175	90	85	81	\$34,277	\$37,091

Perkins V Grant Overview

Summary

The Strengthening Career and Technical Education for the 21st Century Act (Perkins V) is the primary federal funding source to states for the improvement of secondary and postsecondary career and technical education programs. The purpose of the Act is to develop more fully the academic, career and technical skills of secondary and postsecondary students who elect to enroll in career and technical education programs.

2/24/2022

Background

Originally passed as the Vocational Education Act of 1963, ***The Strengthening Career and Technical Education for the 21st Century Act (Perkins V)*** was reauthorized in 2018 to increase learner access to high-quality career and technical education (CTE) programs of study. Perkins V specifically addresses students in special populations, which includes students who had been underserved in the past or who may have substantial education needs.

Goals

The Perkins V Kansas State Plan for CTE identifies the following goals:

1. Engage employers into Pathway/program planning, implementation, and review
2. Provide high-quality, affordable, accessible, and equitable CTE for all learners (including special populations)
3. Supply efficient academic integration
4. Implement effective work-based learning
5. Further align Pathways and programs

Funding

For FY 2022, Kansas received \$12,040,569, which is split evenly between secondary (KSDE) and postsecondary (KBOR) CTE Pathways and programs. Over \$4.3 million was allocated to twenty-seven eligible postsecondary institutions based on a funding formula. These institutions are also eligible to apply for supplemental grants for special projects.

CTE Participant Data

CTE Participant Enrollment (students taking at least one CTE course)	FY2020	FY2021
Male	17,776	17,102
Female	16,570	15,976
Total	34,346	33,078

Race/Ethnicity		
American Indian or Alaskan Native	342	301
Asian	963	922
Black or African American	2,365	2,272
Hispanic/Latino	4,882	4,750
Native Hawaiian or Other Pacific Islander	79	97
White	21,534	21,060
Two or More Races	1,109	1,206
Unknown	3,072	2,470

Special Populations		
Individuals with Disabilities	680	727
Economically Disadvantaged	8,763	8,120
Individuals Preparing for Non-traditional Gender Fields	8,437	8,123
Single Parent	1,476	1,720
Unemployed	122	397
English Learners	763	1,333
Homeless	36	131
Youth in Foster Care	109	179
Youth with Parent in Active Military	409	532

CTE Concentrator Data

CTE Concentrator Enrollment (students with 12 credit hours or more)	FY2020	FY2021
Male	8,454	7,712
Female	6,091	5,597
Total	14,545	13,309

Race/Ethnicity		
American Indian or Alaskan Native	149	133
Asian	316	299
Black or African American	855	779
Hispanic/Latino	2,164	2,087
Native Hawaiian or Other Pacific Islander	26	28
White	9,336	8,744
Two or More Races	426	448
Unknown	1,273	791

Special Populations		
Individuals with Disabilities	322	339
Economically Disadvantaged	4,871	4,119
Individuals Preparing for Non-traditional Gender Fields	1,228	1,068
Single Parent	748	801
Unemployed	94	204
English Learners	340	567
Homeless	19	59
Youth in Foster Care	60	81
Youth with Parent in Active Military	153	165

For information purposes only

Legislative Update

Summary

The Technical Education Authority (TEA) will receive a brief legislative update.

02/24/2022

Intent

Vice President Frisbie will provide the TEA with a legislative update.