Postsecondary Technical Education Authority
AGENDA
Kansas Board of Regents
1000 SW Jackson, Suite 520, Topeka, KS
10:00 AM – February 23, 2023

I. CALL TO ORDER
   A. Approve Previous Minutes (January 26, 2023)   Vice Chair Humphrey

II. REPORTS
   A. Introductions   Vice Chair Humphrey
   B. Chair's Report   Vice Chair Humphrey
   C. Member Liaison Reports   TEA Members
   D. Vice President for Workforce Development Report   Vice President Smathers
   E. Report from the Community Colleges   President File
   F. Report from the Technical Colleges   President Genandt

III. CONSENT AGENDA
   A. Program and Curriculum Committee   Committee Chair Beene
      New Programs
        • Garden City Community College: Computer Support Specialist (11.1006)
      Promise Act
        • Garden City Community College: Computer Support Specialist (11.1006)

IV. OTHER MATTERS
   A. Legislative Update   Director Casey

   B. Receive Information on State Aid for Tiered and Non-Tiered Courses
      ("Gap Report") and Act on Determination of Tier 6 Rate Courses for
      State Aid   Vice President Frisbie

   C. Academic Year 2021 Kansas Information Training Program (K-TIP)
      Highlights   Associate Director Chambers

   D. Update on Committee Meetings   Vice President Smathers

V. NEXT MEETING REMINDER (Thursday, March 30, 2023)   Vice Chair Humphrey

VI. ADJOURNMENT

KANSAS POSTSECONDARY
TECHNICAL EDUCATION AUTHORITY
MEETING

A January 26, 2023, meeting of the Kansas Postsecondary Technical Education Authority (TEA) was held at the Kansas Board of Regents office, 1000 SW Jackson, suite 520, Topeka, Kansas and virtually via ZOOM.

Members Present

Ray Frederick   Tiffany Anderson
Curtis Sneden   Cindy Hoover
Debra Mikulka   Mike Beene
David Reist   Natalie Clark
Mark Hess   Eddie Estes, via ZOOM

Others Present
Coffeyville Community College
Flint Hills Technical College
Hutchinson Community College
KACCT
Manhattan Area Technical College

Kansas Board of Regents Staff Present
Scott Smathers   Hector Martinez
April Henry   Susanna Lee
Sue Grosdidier   Laura Leite
Vera Brown   Elaine Frisbie
Eric Tincher   Tim Peterson
Charmine Chambers   Matt Casey
Becky Pottebaum   Crystal Roberts
Rico Linchangco
Susan Henry, via Zoom

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

Approval of Minutes
Chair Frederick called for a motion to approve the minutes from the December 16, 2022, meeting.

Motion: Member Sneden moved to approve the minutes of the December 16, 2022, meeting. Following a second by Member Beene, the motion carried.

REPORTS
Introductions
Chair Frederick welcomed new TEA members Cindy Hoover, Curtis Sneden, David Reist, and Natalie Clark, and asked each new member to introduce themselves. Vice President Smathers introduced new Associate Director Crystal Roberts and new Director of Finance Becky Pottebaum.

Chair's Report
Chair Frederick reported that he looks forward to resuming his travels to visit institutions in February.

Member Liaison Reports

Chair Frederick asked if any TEA members had reports on their activities to share.

Member Anderson reported that USD 501 has 100 mid-year graduates, with many of the students ready to earn an industry credential and begin their careers or enroll in college. She reported her administration toured Washburn Tech East exploring student opportunities and pathways, and Allen County Community College staff visited T-CALC, where they partner in offering online classes for college credit. She informed members that USD 501 had its first two students this year graduating with their high school diploma as well as an Associate's degree, and 40 students have moved on to Stormont Vail Medical Center with their CNA license, she thanked Stormont Vail for providing free staffing to teach those students. She informed members that she plans to attend the signing of the Governor's Proclamation for CTE month next week.

Member Estes reported that he attended the Kansas Advisory County on Career Technical Education meeting, along with TEA Members Clark and Beene and Vice President Smathers. He reported that a Winterfest was held last weekend at the 3I headquarters in Dodge City, with Dodge City Community College. He thanked new TEA members for their willingness to serve.

Member Clark reported on behalf of KSDE, and informed members that the substitute for House Bill 2466, new section 6 was delivered to the House and Senate Education Committees and that KSDE gave a career and technical education report with information from 95 of the 286 districts that responded to their inquiries.

Vice President for Workforce Development Report

Chair Frederick called on Vice President Smathers to provide members with a Workforce Development report. Vice President Smathers welcomed new TEA members. He informed members that Board staff is nearing completion of the required federal report for Perkins and thanked KSDE for their assistance in the completion of the report. He reported that he will be attending the signing of the Governor's Proclamation for CTE Month along with Member Anderson, Associate Director Brown, and representatives from KSDE and thanked KSDE for taking the lead in pursuing completion of the proclamation. He reported that in the last month he visited with TEA members and six institutions. He thanked presidents for taking time to meet with him. He reported he was asked to serve on the State Broadband Advisory Council through the Department of Commerce, which focuses on the importance of expanding broadband access throughout the state, and that he and Member Beene served on a panel in Wichita last week.

Report from the Community Colleges

Chair Frederick called upon Hutchinson Community College President File to provide members with a report from the community colleges.

Report from the Technical Colleges

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

CONSENT AGENDA

Program and Curriculum Committee

Program Realignment

- Heating, Ventilation, Air Conditioning (HVAC) (47.0201)

New Programs

- Garden City Community College: Robotics and Mechatronics Technology (15.0405)

- Washburn Institute of Technology: Advanced Emergency Medical Technician (51.0904)

Promise Act
- Garden City Community College: Robotics and Mechatronics Technology (15.0405)
- Washburn Institute of Technology: Advanced Emergency Medical Technician (51.0904)

Excel in CTE Fees
- Washburn Institute of Technology: Advanced Emergency Medical Technician (51.0904)

Chair Frederick called for a motion to approve the Consent Agenda items from the Technical Program and Curriculum Committee.

Motion: Member Beene moved to approve the Consent Agenda items. Following a second by Member Anderson, the motion carried.

OTHER MATTERS
Legislative Update
Chair Frederick called on Director Casey to provide members with a legislative update. Director Casey gave a brief overview of the Governor's budget recommendations which includes approximately $107 million for higher education this year, including $13 million for the two-year sector for postsecondary technical education, as well as $6.5 million for cyber security for institutions. Director Casey provided members with brief explanations on Senate Bill 48 and Senate Bill 84 and explained that both bills were forwarded to the Committee on Education, for a hearing February 6th.

Chair Frederick expressed his concerns and tremendous disappointment in the lack of discussions with the TEA prior to the point that Senate Bill 48 was introduced to the Legislature addressing TEA appointments.

Carl D. Perkins Update
Chair Frederick called on Associate Director Brown to provide members with a Carl D. Perkins update. Associate Director Brown provided members with a brief history of the Strengthening Career and Technical Education for the Century Act, also known as Perkins V, which provides approximately $12.5 million for Kansas secondary and postsecondary career technical education (CTE). Associate Director Brown provided members with information in their meeting packets and gave a brief presentation detailing the funding of the various Perkins programs goals and initiatives, including performance-based funding, competitive grants, statewide leadership grants, reserve grants, grants focusing on special populations, labor force expansion, support for faculty, incentive funding, and the statewide CTE outreach program "Build Something Now" in collaboration with Cox Communications. Associate Director Brown explained that Board Staff will be holding a state-wide non-traditional careers training for institutions in Salina this month, as part of the ongoing training and technical assistance, and will be submitting the Consolidated Annual Report this month. She thanked Board Staff departments for their assistance is managing the Perkins Grant, including Data Research and Planning, Finance, Legal, Information Technology, the Executive Branch and public outreach. She also recognized that the institutions deserve the most credit for performance and reporting. She reported that the 2022 Federal government postsecondary performance targets have been met in Kansas.

Adult Education Presentation
Chair Frederick called on Director Martinez to provide members with a presentation on Adult Education. Director Martinez explained that the Adult Education program encompasses a wide range of instructional strategies for student skills from basic literacy to college and career preparation, including a broad range of services, such as preparation for a high school equivalency diploma, learning the English language and

providing structured basic school instruction in preparation for college and careers in Kansas. He provided members with a PowerPoint presentation and data of the Adult Education programs in Kansas including face-to-face classes, online remote classes, as well as offerings in correctional facilities, assisting individuals over 16 years of age who are not in high school. He reported that in 2022, participants increased by 20% from the prior year, and this year is also on-track for an increase in enrollments. Director Martinez highlighted program successes and community programs and provided information on the state and federal funding and the funding formula for distribution. Director Martinez informed members that the State of Kansas is at the top of the nation for major skills gain and employment gain, has a GED pass rate that is higher than the national average, and Kansas Adult Education programs are consistent national leaders in the accountability measures mandated by the U.S. Department of Education.

AY 24 Excel in CTE Fee Review

Chair Frederick called on Associate Director Chambers to provide members with the AY 24 Excel in CTE Fee review. Associate Director Chambers provided members with the background for Excel in CTE fee review and a list of fees for reference, including the charge to the TEA requiring annual review, guidelines for this process developed in 2019 working with the technical and community colleges, and a list identifying the allowable fees as well as those that are considered unallowable. She reminded members that Excel in CTE fees are only applicable to tiered technical courses, which are courses teaching occupationally specific, competency-based applied instruction. She added that discussion begins with the Technical Program and Curriculum Committee as a new program proposal is submitted with requests for Excel in CTE fees. She provided a summary of the fees that have been submitted for Academic Year 2024 to be approved for next year. She explained that these reflect either new fees or updates to existing fees that were submitted previously but does not reflect when an institution has removed fees. She added that over the last few years, the institutions have been encouraged to submit their actual fees. She explained that each institution is listed separately, with the fees organized based upon whether they are applicable at the course or program level. Additionally, a comparison of AY 2023 fees and AY 2024 fees was provided, showing changes from year to year by program, institution and exit points. She informed members that Board staff will provide them with a spreadsheet providing a breakdown of the summary fees. Associate Director Chambers explained that some institutions have indicated that they are not able to charge fees beyond a very nominal fee, or their participation suffers due to the economic situation in their area. Some have indicated that they have found other resources, such as grants, to aid in the purchasing of classroom sets of tools and are working with USDs to aid with textbook purchases, to reduce the upfront costs to students. Members expressed appreciation to the community and technical colleges for reductions in fees to high school students.

Motion: Following discussion, Member Mikulka moved to approve the AY 24 Excel in CTE Fees as presented. Following a second by Member Hess, the motion carried.

Promise Act Update

Chair Frederick called on Vice President Smathers to provide members with a Promise Act update. Vice President Smathers shared a brief history of the Act, explaining that it is a relatively new scholarship program which was updated after the first year and additional changes will be coming this year, including limiting the qualified programs and requiring that the programs be associated to an occupation that is either high wage, high demand, or demonstrates critical need. He added that some programs will no longer qualify for the Promise Act in the future. He explained that the statute is specific for review of these programs and an official list will be going out to the institutions in February based on the updated statute. The colleges will then have 30 days to respond to the TEA about the revised program list with an opportunity to express why programs that no longer qualify should be classified at their institution as a critical need program. Discussions will be held at the March face-to-face TEA meeting, and then the Board of Regents will make a final decision based on the TEA recommendations at their April meeting.

<u>NEXT MEETING REMINDER</u>
Chair Frederick reminded members that the next meeting is a regularly scheduled conference call meeting on February 23, 2022, at 10:00 A.M

<u>ADJOURNMENT</u>
With no further business, Chair Frederick adjourned the meeting at 12:15 P.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 Garden City Community College to offer an Associate of Applied Science and a Technical Certificate B in Computer Support Specialist. This program was reviewed and tabled during the January 5, 2023, Program and Curriculum Committee pending additional information.

The program addressed all criteria requested and was subject to the 10-day comment period required by Board policy. The program was reviewed by the Technical Education Authority's Program and Curriculum Committee and is recommended for approval by the TEA.   *2/23/2023*

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:

Garden City Community College (GCCC) requests approval of the following program:

- Computer Support Specialist (11.1006) – Technical Certificate B/31 credit hours, and Associate in Applied Science/60 credit hours.

According to the U.S. Department of Education, Classification of Instructional Programs (CIP Code) 11.1006 Computer Support Specialist is a program that prepares individuals to provide technical assistance, support, and advice to computer users to help troubleshoot software and hardware problems. Curriculum should include instruction in computer concepts, information systems, networking, operating systems, computer hardware, the Internet, software applications, help desk concepts and problem solving, and principles of customer service.

Cross walking the proposed CIP Code (11.1006 Computer Support Specialist) to occupations resulted in a match to one Standard Occupation Classification code (SOC): 15-1232, Computer User Support Specialists which is defined as an occupation in which one would provide technical assistance to computer users. Individuals would answer questions or resolve computer problems for clients in person, via telephone, or electronically. Individuals may provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.

GCCC explained that the requested program expansion is the result of the college's successful receipt of a Title III Hispanic-Serving Institution STEM grant, awarded October 2021. The addition of a Certificate B and AAS targeting employment preparation in "cybersecurity" is a part of the requirements of fulfilling this grant. After working with KBOR staff, it was identified that the program outcomes and industry certifications are in-line with the TEA-aligned "Computer Support Specialist" program.

The proposed program consists of two exit points: a 31-credit hour Technical Certificate B, and a 60-credit hour Associate of Applied Science. No accreditation is required for the program, and upon completion, students will sit for certifications from CompTIA, including A+, Network+, Security+ and Project+.

The Kansas Department of Labor Long-term Occupation Projections 2020-2030 indicate a statewide change of employment for Computer User Support Specialist under SOC 15-1232 of 1.0% annually, with an annual median wage of $47,500. The typical education needed for entry is listed as some college, no degree. Annual openings equate to 637 jobs per year.

GCCC explained that the most recent Comprehensive Regional Needs Assessment (p. 12) completed in February 2022 indicates the need for "tech support jobs…in our area continues to rise as technology and the need for added security is ever-changing. The local hospital, school districts, and several banks in our area have expressed a need for this type of education as both continuing education and tech career training".

Lightcast (previously Emsi-Burning Glass) job posting analytics show that from November 2021 through November 2022, roughly 14,151 total postings (5,149 unique postings) were advertised statewide, with an annual median advertised salary of $44,700.

Three letters of industry support for the proposed program were received from Tyson Fresh Meats Finney County, Western State Bank, and the Finney County Economic Development Corporation. Supports and commitments for the program include serving on the advisory board, providing guest speakers, and providing internships. USD 457 Garden City Public Schools provided a letter of support for the program.

Currently, seven institutions offer a similar program based on CIP code. 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 2021 K-TIP report.

Kansas Training Information Program						
2021 K-TIP Data for Computer Support Specialist						
CIP Code	Program Name	Institution	Total # Concentrators	Total # Graduates	Total # Graduates Exited & Employed	Average Wage: Graduates Exited & Employed
11.1006	Computer Support Specialist	Highland Community College	14	*	*	*
11.1006	Computer Support Specialist	Hutchinson Community College	16	9	6	$22,303
11.1006	Computer Support Specialist	Johnson County Community College	37	16	9	$33,465
11.1006	Computer Support Specialist	Kansas City Kansas Community College	10	7	*	*
11.1006	Computer Support Specialist	Neosho County Community College	*	*	*	*
11.1006	Computer Support Specialist	Seward County Community College	*	*	*	*
11.1006	Computer Support Specialist	Wichita State University Campus of Applied Sciences and Technology	117	23	14	$27,387
Total			194	55	29	

(*) small cell protection applied

GCCC explained that collaboration has not been attempted because of the geographic distance between institutions which offer this program. The closest institution is approximately 221 miles from Garden City Community College This application does follow statewide alignment for Computer Support Specialist, which would ensure transferability between institutions.

The college plans to begin the proposed program in the fall of 2023 and estimates the initial cost of the proposed program at approximately $92,451.37 total, including $58,500 for existing full-time faculty, $951 for equipment, tools, and supplies, and $33,000 for technology/software. Funding will be provided from the Title III HSI STEM Grant. Chuck Pfeifer, Dean of Technical Education and Workforce Development will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from December 15, 2022, to December 29, 2022, during which no formal comments were received.

At the January 5, 2023, Technical Education Authority's Program and Curriculum Committee meeting, this program was tabled pending contact with Seward Community College regarding collaborative opportunities, additional data on industry labor demand including information included in the Title III grant application, and letters of support from local business and industry expressing commitment to hire qualified applicants.

Additional Information
Garden City Community College provided additional information in response to the request from the Program and Curriculum Committee for this application for program expansion.

Seward County Community College provided a letter of support for the program, indicating that the industry need within both communities is high enough to justify both programs autonomously.

The Title III grant application required GCCC to provide evidence for the labor market need for the academic programs within the grant, including Computer Support Specialist, and that the program would be a successful component of larger economic transformations in the region. Among many other data points, the Title III grant cited that the U.S. Department of Labor lists work in this field among the top 20 fastest growing occupations, with a projected increase of 31.29% by 2029. In addition to the 5,000 Computer Support Specialist job postings which currently exist in the state, the Title III grant application pointed to the current vulnerabilities in the regions industries (including limited supplies of water, drought, fire risk, and other extreme weather events) and indicated that a skilled, ready workforce in more STEM-oriented disciplines opens the region to recruit more and different STEM-focused industries which may be less susceptible to water-intensive food production industries.

The Perkins CLNA information was updated, indicating that the Needs Assessment showed a demand for "over 300 annual openings" with this type of training. Lightcast job posting analytics show that from November 2021 through November 2022, roughly 5,149 unique job postings were advertised in the state of Kansas, with an annual median advertised salary of $44,700. GCCC indicated that within their specific service area, the majority of current Computer Support Specialist jobs are held within the Elementary and Secondary Schools industry, in hospitals, in government offices, banks, and food processing facilities.

Updated Lightcast job posting analytics from January 2022 through January 2023 show 13,207 total postings in Kansas for this occupation (5,107 unique postings), with an advertised annual salary of $44,900. Lightcast mapping of job postings shows Finney County with above average job postings for this occupation, and this occupation remains on the statewide High Demand occupation list created annually by the Kansas Department of Labor.

Job Postings Regional Breakdown
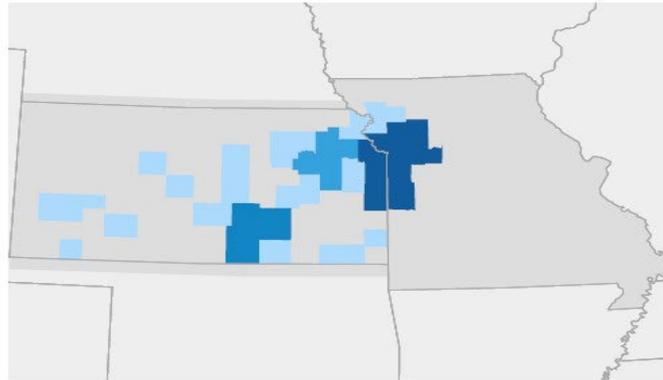
MSA   Unique Postings (Jan 2022 - Jan 2023)

Empirical Foods and Wheatland Electric provided industry letters of support for the program (in addition to those already received from Finney County Economic Development, Tyson Foods, and Western State Bank). The new letters of support indicate employers will support internships, attend career fairs to recruit students, offer mock interviews to students to help in successful placement in industry, and will interview GCCC graduates for positions they would be qualified for. Additionally, Senator Roger Marshall, M.D., visited GCCC on 1/16/2023 to check on the Title III grant progress and visited the Kansas Intelligence Fusion Center. This letter expressed that it is "imperative that we increase the number of trained cybersecurity professionals that work with our Kansas industry partners to protect our online information. In fact, the Kansas Cybersecurity Task Force Final Report lists 'Establish[ing] partnerships with higher education institutions to begin developing a talent pipeline" as a critical recommendation and notes "[a]s you know, community colleges in Kansas are incredibly well-suited to educate students with hands-on training in smaller class sizes and at an affordable tuition rate." Original and additional letters of industry support are included for reference.

Recommendation

The new program request submitted by Garden City Community College for a Technical Certificate B for 31 credit hours, and an Associate of Applied Science for 60 credit hours in Computer Support Specialist has been reviewed by the Technical Education Authority's Program and Curriculum Committee and is recommended for approval.

January 11, 2023

To whom it may concern,

This letter is in support of Garden City Community College's (GCCC) request for approval of a Certificate B and AAS in Computer Support Specialist. We understand that GCCC received KBOR approval to offer a Certificate A in this program in April 2021.

While Seward County Community College (SCCC) also offers a program under the same CIP code, we need the interest or capacity to pursue collaboration within this program.

Specifically, a geographic distance prohibits collaboration, as geographic reach would prohibit face-to-face, on-ground instruction at GCCC locations in Garden City and elsewhere. Because both SCCC and GCCC already have qualified faculty members, enabling on-the-ground, face-to-face instruction collaboration would not result in overall cost savings for either institution. Additionally, the industry's need for training and support within both communities is high enough to justify both programs operating autonomously.

Seward County Community College and Garden City Community College have a long-standing relationship and tradition of partnering on programs and projects, including existing partnerships to share delivery of upper-level math sequences and a planned partnership whereby SCCC hopes to deliver CDL training in Garden City using GCCC equipment. However, this is not a program where collaboration provides similar benefits of sharing.

Seward County did not respond during the 10-day open comment period on GCCC's Certificate B and AAS Computer Support Specialist application. We do not oppose this program and welcome another institution in the state working to meet the robust labor market demand.

Please consider this letter as written support for Garden City Community College's request for a Computer Support Specialist extension of their existing Certificate A offering, which meets the state-wide alignment requirements.

Respectfully,

Brad W. Bennett
President of Seward County Community College

ROGER W. MARSHALL
KANSAS

United States Senate

COMMITTEES:
AGRICULTURE, NUTRITION, AND FORESTRY
ENERGY AND NATURAL RESOURCES
HEALTH, EDUCATION, LABOR AND PENSIONS
SMALL BUSINESS AND ENTREPRENEURSHIP

January 24, 2023

Dr. Blake Flanders
President and CEO
Kansas Board of Regents
1000 SW Jackson Street, Suite 520
Topeka, KS 66612

Dear Dr. Flanders and the Kansas Board of Regents:

I write to you today in support of Garden City Community College's application for approval for a full, two-year Associate in Science degree for their Computer Support Specialist program. This program will build upon their current 16 hour Certificate A through stackable credits with industry-recognized credentials in Comp TIA Network+ and Security+. Graduates of this two-year degree will have the training and tools to be a valuable asset to the Kansas workforce and can earn high wages right out of school.

Cyber-attacks are one of our country's greatest national security threats. I have visited the Kansas Intelligence Fusion Center and learned first-hand just how vulnerable our personal data, health statistics, financial information, energy grid, and food system are to hackers – both foreign and domestic. It is imperative that we increase the number of trained cybersecurity professionals that work with our Kansas industry partners to protect our online information. In fact, the Kansas Cybersecurity Task Force Final Report lists "Establish[ing] partnerships with higher education institutions to begin developing a talent pipeline through work-based learning opportunities"[1] as one of the critical recommendations. As you know, community colleges in Kansas are incredibly well-suited to educate students with hands-on training in smaller class sizes and at an affordable tuition rate.

The Computer Support Specialist and Cybersecurity degree programs at GCCC were developed with local industry needs in mind. Some of the local businesses that

have indicated a need for the skills provided by the program include Tyson Foods, Empirical Foods, Wheatland Electric, and Western State Bank. Western Kansas has traditionally been successful at 'growing their own' professionals. This two-year degree program would provide jobs with a competitive living wage or could be built upon with a four-year degree or beyond at a Kansas university.

Last week, I toured Garden City Community College to see the construction and programmatic work they are undertaking to build out a new STEM Central program focused on Cybersecurity, Robotics, and Crop Technology. These new programs are supported by a U.S. Department of Education $5 million grant. GCCC administration indicated that obtaining accreditation for the two-year Computer Support Specialist degree is a top priority to establish these much-needed training programs.

Please give consideration to Garden City Community College's application for degree approval as a response to improving security threats, industry workforce needs, and student success.

Sincerely,

Roger W. Marshall

Roger Marshall, M.D

United States Senator

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[1] Mayta, M., & Maxon, J. (2021). (rep.). *Kansas Cybersecurity Task Force Final Report*. Retrieved January 23, 2023, from https://governor.kansas.gov/wp-content/uploads/2022/01/20211209_Cybersecurity-Task-Force-Final-Report.pdf.

Dr. Ryan Ruda
President
Garden City Community College
Garden City, KS 67846

RE: support for Computer Support Specialist application

Dear President Ruda,

I write this letter in support of Garden City Community College's (GCCC) Computer Support Specialist certificate and A.A.S. application. Wheatland Electric Cooperative, Inc has been a supporter of GCCC and its mission of educating young minds in southwest Kansas and we are committed to continuing our support for many years to come.

Utility companies are becoming one of the top cyber-attack targets, and while our risk is increasing, our ability to attract qualified computer science professionals is drastically decreasing. The best solution for us, and for southwest Kansas, is to invest in training local talent to meet the rising demand for qualified cybersecurity professionals. We would welcome a program that could provide our company and community with highly trained computer science professionals, and we are willing to commit time and resources to support it.

Wheatland Electric Cooperative, Inc can offer support to the program in the form of advisory committee participation, student internships, guest speaking in the classroom, attendance at career fairs, conducting mock interviews, etc. Wheatland Electric Cooperative, Inc is also interested in attending recruiting events and other activities on campus that can highlight the opportunities for employment in the field of computer science and cybersecurity. Our hope is to interview GCCC graduates for positions at Wheatland Electric Cooperative, Inc in which they are qualified.

In summary, Wheatland Electric Cooperative, Inc is excited about the potential for a new Computer Support Specialist program at GCCC and we support your application.

Best Regards,

Jevin Kasselman
Director, Information Technology
Wheatland Electric Cooperative, Inc

Dr. Ryan Ruda
President
Garden City Community College
801 Campus Drive
Garden City, KS 67846

empirical

RE: Support for Computer Support Specialist programs

Dear President Ruda,

I am happy to write this letter in support of Garden City Community College's (GCCC) Computer Support Specialist certificate and A.A.S. application. Empirical Foods has been a proud supporter of GCCC and its mission of educating young minds in southwest Kansas, and we hope to continue to partner with everyone at GCCC for many years to come.

As you know, food processors and other companies within the food industry have become one of the top cyber-attack targets in this country. Certainly, our risk is increasing, but we must work hard to attract qualified computer science professionals to maintain the highest level of quality for our customers. We believe we must collaborate with other industries in SW Kansas to invest in training local talent to meet the rising demand for qualified computer support professionals. We would gladly welcome and support a program that could provide our company and community with highly trained computer science professionals, and we are happy to dedicate resources to support the program.

Empirical Foods is willing to participate on the advisory committee for this program, and we would support student internships whenever possible. Additionally, Empirical Foods would volunteer to contribute to guest speaking in the classroom, attend career fairs, and assist with mock interviews. We would also be interested in attending recruiting events and other activities on campus that can highlight the opportunities for employment in the field of computer science and cybersecurity.

In summary, Empirical Foods is excited about the potential for a new Computer Support Specialist program at GCCC and we support your application.

Best Regards,

Darren Ware
Director of Human Resources
Empirical Foods

WESTERN STATE BANK
"Quality Tradition You Can Trust"

Dr. Ryan Ruda
President
Garden City Community College
801 Campus Drive
Garden City, KS 67846

RE: Computer Support Specialist Member Advisory Group

Dear President Ruda,

I write this letter in support of Garden City Community College's (GCCC) Computer Support Specialist certificate and A.A.S. application. Western State Bank has been a proud supporter of GCCC and its mission of educating young minds in southwest Kansas, and we hope to continue to partner with everyone at GCCC for many years to come.

Banks and other financial institutions are becoming one of the top cyber-attack targets in this country, and while our risk is increasing, our ability to attract qualified cybersecurity professionals is drastically decreasing. The best solution for us, and for southwest Kansas, is to invest in training local talent to meet the rising demand for qualified computer support professionals. We would welcome a program that could provide our company and community with highly trained cybersecurity professionals.

Western State Bank can offer support to the program in the form of advisory committee participation, student internships, guest speaking in the classroom, etc. We would also be interested in attending recruiting events and other activities on campus that can highlight the opportunities for employment in the field of cybersecurity and computer science.

In summary, Western State Bank is excited about the potential for a new Computer Support Specialist program at GCCC and we support your application.

Best Regards,

Jason Drohman
Senior V.P. of Operations, I.T., & Security
Western State Bank

Dear President Ruda,

Please take this letter in support of Garden City Community College's (GCCC) Computer Support Specialist certificate and A.A.S. application. Tyson Fresh Meats Finney County has been a supporter of GCCC for years and we have partnered with them on a variety of projects on multiple occasions.

We have concerns about network security and the classes and training would help us better understand the threats that exist in the cyber world.

Tyson Fresh Meats Finney County would support classes that deal with Cyber security and other Network training for my team members here at the plant, I am also willing to attend meetings that deal with this issue.

We are willing to support this venture with my time and employee participation in these classes.

Thanks.

Mike Pilcher

Tech Manager

Tyson Fresh Meats

Holcomb, KS 67851

November 9, 2022

Dear President Ruda,

I write this letter in support of Garden City Community College's (GCCC) Computer Support Specialist certificate and A.A.S. application. Finney County Economic Development Corporation (FCEDC) has been a supporter of GCCC for years and we have partnered with them on a variety of projects on multiple occasions.

In a time when our agriculture sector increasingly relies on technology our need for computer support education and professionals is very high. We are aware of the vital role that technology plays in our modern world and the need to keep our systems safe and sucre to prevent costly disruptions to our economy and supply chains is a top priority. This program will strengthen our local economy so that we can continue to feed the world.

FCEDC can offer support to the program in the form of advisory committee participation, guest speaking in the classroom, and program promotion to our industrial and commercial partners. We are also interested in attending recruiting events and other activities on campus that can highlight the opportunities for employment in the field of computer support.

In summary, FCEDC is excited about the potential for a new Computer Support Specialist program at GCCC and we support your application.

Sincerely,

Shannon L. Dick
Director of Analytics
Finney County Economic Development Corporation
shannon@ficoedc.com
620-277-5800

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 correspond to high wage, high demand, or critical need in:

- *four specified fields of study (information technology and security; mental and physical healthcare; advanced manufacturing and building trades; and early childhood education and development);*
- *one college designated field of study from the specified list (Agriculture; Food and Natural Resources; Education and Training; Law, Public Safety, Corrections, and Security; or Distribution and Logistics);*
- *Transfer programs with an established 2+2 and/or articulation agreements.*   *2/23/2023*

Background

On May 23, 2022, Governor Kelly signed 2022 Senate Substitute for House Bill 2567, which adopted changes in the Kansas Program Scholarship Act. The Act also maintains 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. Per statutory language (section 28), a "promise eligible program" means any two-year associate degree program or career and technical education certificate or stand-alone program offered by an eligible postsecondary educational institution that is:

a) approved by the Board of Regents;
b) high wage, high demand or critical need; and
c) identified as a by the Board of Regents pursuant to K.S.A. 2021 Supp. 74-32,272:
   - Information Technology and Security
   - Mental and Physical Healthcare
   - Advanced Manufacturing and Building Trades
   - Early Childhood Education and Development

Section 30, states an eligible postsecondary educational institution may designate an additional field of study to meet local employment needs if the promise eligible programs within this field are two-year associate degree programs or career and technical education certificate and stand-alone programs approved by the Board of Regents that correspond to jobs that are high wage, high demand, or critical need in the community from one of the following fields:

   - Agriculture;
   - Food and Natural Resources;
   - Education and Training;
   - Law, Public Safety, Corrections, and Security; or
   - Distribution and Logistics

Section 29 (9d), states that the Board of Regents may designate an associate degree transfer program as an eligible program only if such program is included in:

a) An established 2+2 agreement with a Kansas four-year postsecondary education institution; or
b) An articulation agreement with a Kansas four-year postsecondary educational institution and is part of an established degree pathway that allows a student to transfer at least 60 credit hours from the eligible from the eligible postsecondary educational institution to a four-year postsecondary education institution for the completion of an additional 60 credit hours toward a bachelor's degree.

Recommendation

The following program is seeking approval to become Promise Eligible programs. The program has been reviewed by the Technical Education Authority's Program and Curriculum Committee and is recommended for approval:

- Garden City Community College: Computer Support Specialist (11.1006) – falls under the Information Technology and Security category specified in legislation.

Legislative Update

Summary

The Technical Education Authority (TEA) will receive a brief legislative update.	*2/23/2023*

Intent

Director Matt Casey will provide the TEA with a legislative update.

Receive Information on State Aid for Tiered and Non-Tiered Courses ("Gap Report") and Act on Determination of Tier 6 Rate Courses for State Aid

Summary

2011 Senate Bill 143 created a formula for distributing state aid for postsecondary technical education courses, which was to take effect in FY 2012. Legislative appropriation provisos have historically limited widespread application of the cost model to individual colleges' state grants for tiered and non-tiered courses. The cost model aggregates institutions' costs to deliver courses and recognizes the cost differentials in delivering a variety of technical courses and non-technical courses. The course rates are updated annually using credit hour enrollments and institutions' reported cost data. A gap report is generated that identifies the funding shortfall for each college when considering local resources and available state funding.

In years prior to the current year, FY 2023, the tiered and non-tiered course credit hour aid was not dependent on the cost model calculations. The gap report was essentially a hypothetical exercise, rather than a determinant for the colleges' state aid for tiered and non-tiered courses. The gap report for the most recent year is attached ("Scenario 1"); it reflects the cost model calculations generated by following the same practice and using the same data sources as has been followed since inception of the cost model.

When performing the cost model calculations to generate the usual gap report, it was noted that cost data for courses with the highest composite rates, "Tier 6", resulted in lower composite rates than the prior year, due to reported instructor cost data. Because the cost model data will actually determine state aid for the colleges in the coming year, staff requests that the TEA consider whether the Tier 6 course rates should be paid at the lower rate, or whether the Tier 6 courses should be held at the same rate as the prior year. An alternative gap report is attached ("Scenario 2") which increases the tiered course state aid by $668,749.

It is also noted that this cost model is what is used to calculate the colleges' Excel in CTE state funding, so this policy decision will affect state aid for that program next year as well.

A presentation by staff will review the cost model, the application of legislative provisions to the tiered and non-tiered course state aid, and the two scenarios. Lastly, there will be a discussion of the Legislative Task Force on Community and Technical College State Funding and their recommendations to the 2023 Legislature.

02/23/2023

State law[1] provides for a postsecondary education cost model for distribution of technical education state appropriations to the community and technical colleges. The formula was later determined to be applicable to distribute state aid for general education credit hours as well.

Forged out of collaboration between representatives of the community and technical colleges with the Board of Regents, the approach for determining funding under this legislation is the cost model, which calculates a course-level cost rate and recognizes the cost differential in delivering technical courses. Each course is designated "tiered" or "non-tiered." For a course to be identified as "tiered," a course must be both a technical course and part of an approved technical program. All other courses are designated non-tiered. Courses are bucketed to group similar courses together for consistency across the system and to reflect varying cost differentials for the groups of courses. Components of the cost model are updated annually.

From FY 2012 through FY 2022, state aid failed to cover the state's total calculated share of the cost model – i.e., there was a "gap" in state aid for each year; provisos attached to the appropriations varied, but they generally

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[1] K.S.A. 2023 Supp. 71-1801, *et seq.*

prevented full application of the cost model to colleges' state aid with the intent of holding the colleges' aid at a consistent level from year to year, rather than adjusting state aid to enrollments – particularly when there were overall shortfalls in state aid.

The 2022 Legislature appropriated state funds that eliminated the calculated state gaps in the cost model and enacted a proviso to begin a three-year process to recenter the state aid:

FY 2023   Colleges with no gap were held at FY 2022 state aid level
FY 2024   Colleges with no gap retain 50% of overfunding
FY 2025   State aid is distributed according to the instructional cost model calculations

The gap of state funding to fully finance the state's share of courses for the prior year, FY 2022, are attached to this issue paper in two scenarios as noted for Tier 6 technical courses. This gap report is the first step for determining the colleges' state aid in FY 2024.

Additional detail on how course rates and the state's share of costs are calculated are provided below.

Cost Calculation

Tiered (Technical Courses)
Total Course Rate = Instructor Costs + Extraordinary Costs +
Instructional Support Costs + Institutional Support Costs

Non-Tiered (General Education Courses)
Total Course Rate = Instructor Costs +
Instructional Support Costs + Institutional Support Costs

The cost model data sources and model components are identified in further detail below.

Components	Elements	Description
Instructor Costs	• Direct instructor costs • Tiered rates from CIP codes and cost study	Program instructor tier rates are based on an annual analysis of direct instructor costs – specifically salaries and benefits. *Source: Cost and Productivity Study, National Higher Education Benchmarking Institute, housed at Johnson County Community College.*
Instructional Support Costs	• Student and academic support services, Public Service • Flat Rate for all courses	This category captures costs associated with academic support and student services. This value is then used to establish a flat instructional support cost for each credit hour delivered by multiplying the percentage by the Tier 3 Instructor cost per credit hour to establish the rate each year. Instructional Support Percent = (Public Service + Academic Support + Student Service) / (Total Operating Expenses - Auxiliary Enterprises – Scholarships, Financial Aid) *Source: Kansas community and technical colleges' annual financial audits and published in Board of Regents' data books.*

Institutional Support Costs	• Operation and maintenance of physical plant, Administration • Flat Rate for all courses	This category includes costs associated with administration, and operation and maintenance of the physical plant. This value is then used to establish a flat institutional support cost for each credit hour delivered by multiplying the percentage by the Tier 3 Instructor cost per credit hour to establish the rate each year. Institutional Support Percent = (Institutional Support + Operation and Maintenance of Plant) / (Total Operating Expenses - Auxiliary Enterprises – Scholarships, Financial Aid) *Source: Kansas community and technical colleges' annual financial audits and published in Board of Regents' data books.*
Extraordinary Costs	• Costs for specialized equipment & materials • Level rates from Extraordinary cost study	Technical education typically provides intensive, hands-on learning opportunities, often requiring additional supplies, materials, and specialized equipment. The "extraordinary" amount is an additional per-credit value assigned to each program, associated with the courses within the program. Absent a national data source, institutions identified programs with intensive "extraordinary" costs and submitted five years of actual expenditure data reflecting these types of expenses. Costs based on these data were grouped into tiers and adjusted annually using the Consumer Price Index but are under review for updating to current and actual institutional costs. $\text{Extraordinary Costs} = \dfrac{\text{Total 5 year reported expenditures}}{\text{Total 5 year reported tiered credit hours delivered}}$ *Source: Kansas community and technical colleges.*

There are 25 cost model composite rates, which for 2022 range from $222 to $513 per credit hour.

Funding Calculation

Total Course Cost = Course Rate X Eligible Student Credit Hours (SCH)

The "state's share"[2] of the total calculated cost is to be based on student credit hours:

- Community College in district SCH[3] = 1/3 student, 1/3 local taxing district, 1/3 state

- Community College out district SCH = 1/3 student, 2/3 state

- All Technical College SCH = 1/3 student, 2/3 state

- Secondary students in Excel in CTE = 100% state

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[2] The calculated share of the student, local community and the state under the cost model are based on several assumptions, including "full funding" of the state's share calculated in the model by the Legislature.

[3] An in district community college student resides within the college's taxing district (which is the local county, with the exception of Montgomery County which has two community colleges so that county is divided roughly in half).

Scenario 1: AY 2022 Cost Model Data

Institution Name	Postsecondary Tiered Technical State Aid				
	KBOR Calculated State Share In-District	KBOR Calculated State Share Out-District	KBOR Calculated State Share Total	2023 Base	*Funding Needed to Close GAP
Allen County CC	$29,266	$421,171	$450,437	$1,327,658	($877,221)
Barton County CC	$313,976	$2,111,858	$2,425,834	$3,519,749	($1,093,915)
Butler CC	$527,051	$4,290,392	$4,817,443	$4,548,260	$269,183
Cloud County CC	$87,980	$917,634	$1,005,614	$1,364,522	($358,908)
Coffeyville CC	$213,514	$649,399	$862,913	$1,221,598	($358,685)
Colby CC	$53,688	$1,220,802	$1,274,490	$1,243,172	$31,318
Cowley County CC	$317,363	$1,404,036	$1,721,399	$2,522,575	($801,176)
Dodge City CC	$635,510	$307,669	$943,179	$1,175,503	($232,324)
Flint Hills Tech Col	$1,661,077	$0	$1,661,077	$1,837,319	($176,242)
Ft. Scott CC	$137,977	$1,088,045	$1,226,022	$1,508,066	($282,044)
Garden City CC	$643,408	$473,193	$1,116,601	$1,058,862	$57,739
Highland CC	$0	$1,156,217	$1,156,217	$1,833,613	($677,396)
Hutchinson CC	$1,094,142	$4,532,435	$5,626,577	$5,492,609	$133,968
Independence CC	$66,974	$157,576	$224,550	$558,687	($334,137)
Johnson County CC	$4,830,311	$3,217,687	$8,047,998	$7,198,191	$849,807
Kansas City Kansas CC	$1,399,700	$2,791,891	$4,191,591	$4,371,269	($179,678)
Labette CC	$168,292	$747,895	$916,187	$1,129,158	($212,971)
Manhattan Area Tech Col	$1,865,416	$0	$1,865,416	$1,954,845	($89,429)
Neosho County CC	$85,211	$1,196,557	$1,281,768	$1,387,305	($105,537)
North Central KS Tech Col	$2,845,106	$0	$2,845,106	$2,824,381	$20,725
Northwest KS Tech Col	$1,786,558	$0	$1,786,558	$2,167,114	($380,556)
Pratt CC	$63,202	$926,100	$989,302	$1,201,730	($212,428)
Salina Area Tech Col	$1,510,941	$0	$1,510,941	$1,902,328	($391,387)
Seward County CC	$442,848	$543,076	$985,924	$1,186,472	($200,548)
Washburn Institute of Tech	$3,528,375	$0	$3,528,375	$3,077,922	$450,453
WSU Tech	$9,889,461	$0	$9,889,461	$8,451,570	$1,437,891
Total	**$34,197,347**	**$28,153,633**	**$62,350,980**	**$66,064,478**	**($3,713,498)**

*Funding Needed to Close GAP = KBOR Calculated State Share Total minus State Distribution

Prepared by Kansas Board of Regents from data provided by colleges and National Higher Education Benchmarking Institute.

Scenario 1: AY 2022 Cost Model Data

Institution Name	Non-Tiered Course Credit Hour Grant				
	KBOR Calculated State Share In-District	KBOR Calculated State Share Out-District	KBOR Calculated State Share Total	2023 Base	*Funding Needed to Close GAP
Allen County CC	$279,868	$3,333,404	$3,613,272	$3,956,632	($343,360)
Barton County CC	$607,355	$6,507,634	$7,114,989	$8,084,870	($969,881)
Butler CC	$1,589,705	$11,591,286	$13,180,991	$14,265,276	($1,084,285)
Cloud County CC	$183,742	$2,492,320	$2,676,062	$3,063,686	($387,624)
Coffeyville CC	$410,182	$960,076	$1,370,258	$1,798,887	($428,629)
Colby CC	$185,222	$1,651,384	$1,836,606	$1,660,560	$176,046
Cowley County CC	$799,274	$2,880,968	$3,680,242	$4,410,683	($730,441)
Dodge City CC	$888,370	$756,872	$1,645,242	$1,561,844	$83,398
Flint Hills Tech Col	$727,420	$0	$727,420	$806,304	($78,884)
Ft. Scott CC	$391,978	$1,449,068	$1,841,046	$1,935,369	($94,323)
Garden City CC	$1,417,470	$511,488	$1,928,958	$1,946,126	($17,168)
Highland CC	$77,848	$3,767,488	$3,845,336	$3,984,114	($138,778)
Hutchinson CC	$1,702,999	$4,441,924	$6,144,923	$6,666,660	($521,737)
Independence CC	$309,764	$632,404	$942,168	$1,429,492	($487,324)
Johnson County CC	$10,820,502	$5,214,188	$16,034,690	$17,550,506	($1,515,816)
Kansas City Kansas CC	$1,924,148	$2,931,436	$4,855,584	$5,988,313	($1,132,729)
Labette CC	$503,866	$1,478,668	$1,982,534	$1,953,748	$28,786
Manhattan Area Tech Col	$687,756	$0	$687,756	$711,658	($23,902)
Neosho County CC	$279,054	$1,686,312	$1,965,366	$2,068,300	($102,934)
North Central KS Tech Col	$872,312	$0	$872,312	$848,632	$23,680
Northwest KS Tech Col	$918,636	$0	$918,636	$913,900	$4,736
Pratt CC	$217,523	$1,157,878	$1,375,401	$1,414,658	($39,257)
Salina Area Tech Col	$807,710	$0	$807,710	$727,124	$80,586
Seward County CC	$594,812	$809,856	$1,404,668	$1,831,297	($426,629)
Washburn Institute of Tech	$391,608	$0	$391,608	$373,848	$17,760
WSU Tech	$4,790,908	$0	$4,790,908	$5,455,428	($664,520)
Total	**$32,380,032**	**$54,254,654**	**$86,634,686**	**$95,407,915**	**($8,773,229)**

*Funding Needed to Close GAP = KBOR Calculated State Share Total minus State Distribution

Prepared by Kansas Board of Regents from data provided by colleges and National Higher Education Benchmarking Institute.

Scenario 2: AY 2022 Cost Model Data, Except Tier 6 Courses at AY 2021 Instructor Rate

Institution Name	Postsecondary Tiered Technical State Aid				
	KBOR Calculated State Share In-District	KBOR Calculated State Share Out-District	KBOR Calculated State Share Total	2023 Base	*Funding Needed to Close GAP
Allen County CC	$29,486	$423,561	$453,047	$1,327,658	($874,611)
Barton County CC	$318,573	$2,133,027	$2,451,600	$3,519,749	($1,068,149)
Butler CC	$534,290	$4,351,059	$4,885,349	$4,548,260	$337,089
Cloud County CC	$89,372	$931,177	$1,020,549	$1,364,522	($343,973)
Coffeyville CC	$215,806	$652,666	$868,472	$1,221,598	($353,126)
Colby CC	$54,682	$1,233,990	$1,288,672	$1,243,172	$45,500
Cowley County CC	$319,607	$1,412,639	$1,732,246	$2,522,575	($790,329)
Dodge City CC	$639,481	$310,693	$950,174	$1,175,503	($225,329)
Flint Hills Tech Col	$1,684,613	$0	$1,684,613	$1,837,319	($152,706)
Ft. Scott CC	$139,428	$1,099,031	$1,238,459	$1,508,066	($269,607)
Garden City CC	$649,629	$476,368	$1,125,997	$1,058,862	$67,135
Highland CC	$0	$1,168,986	$1,168,986	$1,833,613	($664,627)
Hutchinson CC	$1,103,990	$4,586,595	$5,690,585	$5,492,609	$197,976
Independence CC	$67,795	$159,125	$226,920	$558,687	($331,767)
Johnson County CC	$4,872,776	$3,247,820	$8,120,596	$7,198,191	$922,405
Kansas City Kansas CC	$1,415,119	$2,834,448	$4,249,567	$4,371,269	($121,702)
Labette CC	$170,791	$762,612	$933,403	$1,129,158	($195,755)
Manhattan Area Tech Col	$1,886,239	$0	$1,886,239	$1,954,845	($68,606)
Neosho County CC	$86,530	$1,219,330	$1,305,860	$1,387,305	($81,445)
North Central KS Tech Col	$2,868,813	$0	$2,868,813	$2,824,381	$44,432
Northwest KS Tech Col	$1,794,210	$0	$1,794,210	$2,167,114	($372,904)
Pratt CC	$63,793	$927,966	$991,759	$1,201,730	($209,971)
Salina Area Tech Col	$1,529,392	$0	$1,529,392	$1,902,328	($372,936)
Seward County CC	$446,933	$551,058	$997,991	$1,186,472	($188,481)
Washburn Institute of Tech	$3,562,331	$0	$3,562,331	$3,077,922	$484,409
WSU Tech	$9,993,899	$0	$9,993,899	$8,451,570	$1,542,329
Total	**$34,537,578**	**$28,482,151**	**$63,019,729**	**$66,064,478**	**($3,044,749)**

*Funding Needed to Close GAP = KBOR Calculated State Share Total minus State Distribution

Prepared by Kansas Board of Regents from data provided by colleges and National Higher Education Benchmarking Institute.

Scenario 2: AY 2022 Cost Model Data, Except Tier 6 Courses at AY 2021 Instructor Rate

	Non-Tiered Course Credit Hour Grant				
Institution Name	KBOR Calculated State Share In-District	KBOR Calculated State Share Out-District	KBOR Calculated State Share Total	2023 Base	*Funding Needed to Close GAP
Allen County CC	$279,868	$3,333,404	$3,613,272	$3,956,632	($343,360)
Barton County CC	$607,355	$6,507,634	$7,114,989	$8,084,870	($969,881)
Butler CC	$1,589,705	$11,591,286	$13,180,991	$14,265,276	($1,084,285)
Cloud County CC	$183,742	$2,492,320	$2,676,062	$3,063,686	($387,624)
Coffeyville CC	$410,182	$960,076	$1,370,258	$1,798,887	($428,629)
Colby CC	$185,222	$1,651,384	$1,836,606	$1,660,560	$176,046
Cowley County CC	$799,274	$2,880,968	$3,680,242	$4,410,683	($730,441)
Dodge City CC	$888,370	$756,872	$1,645,242	$1,561,844	$83,398
Flint Hills Tech Col	$727,420	$0	$727,420	$806,304	($78,884)
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Garden City CC	$1,417,470	$511,488	$1,928,958	$1,946,126	($17,168)
Highland CC	$77,848	$3,767,488	$3,845,336	$3,984,114	($138,778)
Hutchinson CC	$1,702,999	$4,441,924	$6,144,923	$6,666,660	($521,737)
Independence CC	$309,764	$632,404	$942,168	$1,429,492	($487,324)
Johnson County CC	$10,820,502	$5,214,188	$16,034,690	$17,550,506	($1,515,816)
Kansas City Kansas CC	$1,924,148	$2,931,436	$4,855,584	$5,988,313	($1,132,729)
Labette CC	$503,866	$1,478,668	$1,982,534	$1,953,748	$28,786
Manhattan Area Tech Col	$687,756	$0	$687,756	$711,658	($23,902)
Neosho County CC	$279,054	$1,686,312	$1,965,366	$2,068,300	($102,934)
North Central KS Tech Col	$872,312	$0	$872,312	$848,632	$23,680
Northwest KS Tech Col	$918,636	$0	$918,636	$913,900	$4,736
Pratt CC	$217,523	$1,157,878	$1,375,401	$1,414,658	($39,257)
Salina Area Tech Col	$807,710	$0	$807,710	$727,124	$80,586
Seward County CC	$594,812	$809,856	$1,404,668	$1,831,297	($426,629)
Washburn Institute of Tech	$391,608	$0	$391,608	$373,848	$17,760
WSU Tech	$4,790,908	$0	$4,790,908	$5,455,428	($664,520)
Total	$32,380,032	$54,254,654	$86,634,686	$95,407,915	($8,773,229)

*Funding Needed to Close GAP = KBOR Calculated State Share Total minus State Distribution

Prepared by Kansas Board of Regents from data provided by colleges and National Higher Education Benchmarking Institute.

Academic Year 2021 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.

2/23/2023

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 2022 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 AY2021 production for career technical education programs of all award levels (Short-Term, Certificate, and Associate level).

The reporting utilized from the Kansas Department of Labor, Labor Market Information Services (LMIS) includes the 2022 Edition of the Kansas Wage Survey (data collected in 2021), the 2021-2023 Short-Term Occupational Outlook, and the High Demand and the High Demand/High Wage Occupation Reports for 2022.
- High Demand List only includes occupations with above average demand in at last one of the three categories (Short-Term Projections, Long-Term Projections, and Job Vacancy) and a total demand score greater than or equal to 10
    - o Long-term Projections Score is based off of the 2020-2030 round of projection data
    - o Short-term Projections Score is based off of the 2021-2023 round of projection data
    - o Current Openings Score is based off of 2022 Q2 advertised jobs on KLIC (klic.dol.ks.gov)
- An occupation is considered High Wage if the occupation has a median wage greater than the median wage for all occupations in Kansas ($38,050 for 2022 Wage Survey)

Statewide Reporting Year	Statewide Average Wage	Average Hourly Wage Statewide	Annual Entry Level Hourly Wage Statewide
2019	$45,277	$21.77	$10.33
2020	$46,520	$22.37	$10.65
2021	$48,609	$23.37	$11.09
2022	$49,680	$23.88	$11.69

Source: Kansas Department of Labor, Kansas Wage Survey

The AY2021 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 2022 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). 2022 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.

Systewide: Supply and Demand for High Demand Occupations

	High Demand Occupations - Kansas 2022 (Sorted by Rank in Demand, High to Low)						AY2021 KTIP Data (Award Level offered is Assoc/Cert unless noted as SAPP)									
SOC	SOC Title $$$ = 2022 High Demand/ High Wage Occupation	Education (Typical level needed for occupation entry)	Hourly Entry level Wages (2022 Wage Survey) (Green font beating $11.69 State Average)	Annual Entry Level Wages (2022 Wage Survey)	Annual Openings (2021-2023 Short Term Occupational Projections)	GAP 2021-2023 Projections Annual Openings vs. K-TIP Grads Exiting AY2021	# of Institutions offering in AY2023	Program Name (* identifies Aligned Programs)	CIP Code	Total # Declared Majors	Total # Concentrators (Bold= Concentrators higher than # of job postings on Short-Term Job Outlook	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Average Wage: Graduates Exited and Employed (Green font = beating Entry Level Annual Wage)	Median Wage: Graduates Exited and Employed (Green font = beating Entry Level Annual Wage)
29-1141	Registered Nurses$$$	Bachelor's degree	$25.50	$53,040	1,748	-1,205	19	Registered Nursing/Registered Nurse *	51.3801	2,359	1,280	714	543	513	$62,816	$60,627
53-3032	Heavy and Tractor-Trailer Truck Drivers$$$	Postsecondary nondegree award/Short-Term OJT	$15.86	$33,000	2,649	-3,980	7	Truck And Bus Driver/Commercial Vehicle Operator And Instructor SAPP	49.0205	91	74	74	55	52	$40,575	$45,180
53-3033	Light Truck Drivers (lower demand, moved up due to CIP match)	High school diploma or equivalent/ Short-Term OJT	$11.56	$24,030	1,386											
31-1131	Nursing Assistants	Postsecondary nondegree award	$12.03	$25,020	2,558	-1,530	26	Nursing Assistant/Aide And Patient Care Assistant/Aide SAPP	51.3902	3,870	3,416	3,416	1,028	805	$19,046	$16,950
							4	Health Aide	51.2601	67	15	13	^	^	^	^
31-1120	Home Health and Personal Care Aides	High school diploma or equivalent/ Short-Term OJT	$9.76	$20,290	3,422	-3,334	15	Home Health Aide/Home Attendant SAPP	51.2602	413	344	344	88	65	$15,340	$12,181
31-9092	Medical Assistants	Postsecondary nondegree award	$13.48	$28,040	742	-703	9	Medical/Clinical Assistant *	51.0801	221	132	54	39	36	$28,661	$27,695
37-3011	Landscaping and Groundskeeping Workers	No formal educational credential/ Short-Term OJT	$12.02	$25,000	1,581	^	1	Applied Horticulture/ Horticulture Operations, General	01.0601	116	59	5	^	^	^	^
43-6011	Executive Secretaries and Executive Administrative Assistants$$$	High school diploma or equivalent	$15.81	$32,880	699	-653	18	Administrative Assistant And Secretarial Science, General	52.0401	412	154	99	46	35	$30,634	$24,279
29-2061	Licensed Practical and Licensed Vocational Nurses$$$	Postsecondary nondegree award	$18.32	$38,100	525	-306	21	Licensed Practical/Vocational Nurse Training *	51.3901	1,403	932	655	219	198	$45,099	$44,749
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers$$$	High school diploma or equivalent/ Moderate-term OJT	$15.15	$31,510	896	^	1	Quality Control Technology/Technician	15.0702	5	^	^	^	^	^	^
15-1232	Computer User Support Specialists$$$	Some college, no degree	$16.18	$33,650	635	-595	8	Computer Support Specialist *	11.1006	382	199	60	40	34	$28,175	$27,142

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Systemwide: Supply and Demand for High Demand Occupations

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39-5012	Hairdressers, Hairstylists, and Cosmetologists	Postsecondary nondegree award	$9.16	$19,050	709	-545	11	Cosmetology/ Cosmetologist, General	12.0401	555	372	191	164	150	$16,485	$15,558
51-4121	Welders, Cutters, Solderers, and Brazers$$$	High school diploma or equivalent/ Moderate-term OJT	$16.57	$34,460	886	-365	25	Welding Technology/Welder *	48.0508	1,817	1,306	763	521	453	$34,356	$33,690
35-2012	Cooks, Institution and Cafeteria	No formal educational credential/ Short-Term OJT	$10.65	$22,150	898	-863	2	Cooking And Related Culinary Arts, General	12.0500	129	58	27	17	14	$22,900	$22,762
							3	Food Preparation/ Professional Cooking/Kitchen Assistant	12.0505	158	88	35	18	17	$23,942	$18,433
39-9011	Childcare Workers	High school diploma or equivalent/ Short-Term OJT	$8.67	$18,020	1,042	^	2	Child Care Provider/Assistant	19.0709	22	16	10	^	^	^	^
39-9031	Exercise Trainers and Group Fitness Instructors	High school diploma or equivalent/ Short-Term OJT	$9.38	$19,510	838	^	1	Physical Fitness Technician	31.051	46	^	^	^	^	^	^
47-2031	Carpenters$$$	High school diploma or equivalent/ Apprenticeship	$14.52	$30,190	842	-739	15	Carpentry/Carpenter *	46.0201	559	354	179	103	87	$26,469	$24,808
49-3023	Automotive Service Technicians and Mechanics	Postsecondary nondegree award/ Short-Term OJT	$12.76	$26,550	678	-495	20	Automobile/ Automotive Mechanics Technology/Technician *	47.0604	1,077	788	259	183	167	$32,338	$31,666
29-2052	Pharmacy Technicians	High school diploma or equivalent/ Moderate-term OJT	$13.45	$27,970	366	-357	5	Pharmacy Technician/Assistant	51.0805	71	21	11	9	8	$15,917	$17,357
33-3051	Police and Sheriff's Patrol Officers$$$	High school diploma or equivalent/ Moderate-term OJT	$18.23	$37,920	500	-482	13	Criminal Justice/Police Science *	43.0107	443	79	30	18	15	$42,166	$44,463
47-2111	Electricians$$$	High school diploma or equivalent/ Apprenticeship	$18.56	$38,600	620	-480	11	Electrician *	46.0302	531	363	191	140	128	$38,456	$37,155

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49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers$$$	Postsecondary nondegree award/Long-Term OJT	$16.61	$34,540	432	-292	12	Heating, Air Conditioning, Ventilation And Refrigeration Maintenance *	47.0201	539	405	164	140	138	$35,817	$35,544
43-6013	Medical Secretaries and Administrative Assistants	High school diploma or equivalent/ Moderate-term OJT	$13.08	$27,200	607	-587	4	Medical Office Assistant/Specialist	51.0710	69	26	19	13	12	$22,442	$20,370
							4	Medical Administrative/ Executive Assistant And Medical Secretary	51.0716	30	14	8	7	6	$24,515	$23,046
51-4041	Machinists$$$	High school diploma or equivalent/ Long-Term OJT	$15.22	$31,670	517	-638	8	Machine Tool Technology/Machinist *	48.0501	394	302	115	82	72	$39,745	$38,269
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic (lower demand, moved up due to CIP match)	High school diploma or equivalent/ Moderate-term OJT	$13.91	$28,930	203											
49-9041	Industrial Machinery Mechanics$$$	High school diploma or equivalent/ Long-Term OJT	$20.30	$42,230	638	-605	4	Industrial Mechanics And Maintenance Technology/Technician *	47.0303	87	72	39	33	28	$49,993	$53,799
29-2034	Radiologic Technologists and Technicians$$$	Associate's degree	$20.67	$43,000	158	-135	2	Radiologic Technology/Science - Radiographer	51.0911	103	71	26	23	23	$53,706	$51,412
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists$$$	High school diploma or equivalent/ Long-Term OJT	$17.29	$35,950	294	-213	8	Medium/Heavy Vehicle And Truck Technology/Technician *	47.0613	284	244	89	81	73	$47,412	$44,752
31-9091	Dental Assistants	Postsecondary nondegree award	$13.32	$27,700	357	-331	4	Dental Assisting/Assistant *	51.0601	66	44	36	26	25	$30,069	$30,446

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11-9013	Farmers, Ranchers, and Other Agricultural Managers$$$	High school diploma or equivalent	$21.52	$44,760	803	-754	2	Agribusiness/ Agricultural Business Operations	01.0102	13	6	^	^	^	^	^
							9	Farm/Farm And Ranch Management	01.0104	157	98	35	21	20	$51,256	$54,203
							3	Agricultural Production Operations, General	01.0301	65	25	15	7	7	$38,494	$38,494
							2	Animal/Livestock Husbandry And Production	01.0302	12	^	^	^	^	^	^
							1	Crop Production	01.0304	^	^	^	^	^	^	^
							1	Horse Husbandry/Equine Science And Management	01.0307	15	12	^	^	^	^	^
							3	Agroecology And Sustainable Agriculture	01.0308	66	51	36	21	18	$34,949	$35,067
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other$$$	Postsecondary nondegree award	29-2036 Medical Dosimetrists $47.44	29-2036 Medical Dosimetrists $98,680	267	-192	2	Health Information/Medical Records Technology/Technician	51.0707	267	123	35	30	25	$37,917	$40,581
			29-2072 Medical Records Specialists $14.80	29-2072 Medical Records Specialists $30,780												
			29-2099 Health Technologies and Technicians, All other $15.57	29-2099 Health Technologies and Technicians, All other $32,380			8	Medical Insurance Coding Specialist/ Coder *	51.0713	446	177	48	45	28	$29,240	29574
47-2152	Plumbers, Pipefitters, and Steamfitters$$$	High school diploma or equivalent/ Apprenticeship	$17.51	$36,420	434	-413	5	Plumbing Technology/Plumber	46.0503	43	32	21	21	21	$24,797	$29,760

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49-3011	Aircraft Mechanics and Service Technicians$$$	Postsecondary nondegree award	$24.86	$51,710	232	-169	2	Airframe Mechanics And Aircraft Maintenance Technology/Technician	47.0607	275	**242**	89	29	23	$39,289	$39,540
							1	Aircraft Powerplant Technology/Technician	47.0608	87	**87**	45	34	27	$40,978	$38,849
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers$$$	High school diploma or equivalent/ Moderate-term OJT	$19.26	$40,060	^	^	2	Airframe Mechanics And Aircraft Maintenance Technology/Technician	47.0607	275	242	89	29	23	$39,289	$39,540
							1	Aircraft Powerplant Technology/Technician	47.0608	87	87	45	34	27	$40,978	$38,849
51-3011	Bakers	No formal educational credential/ Long-Term OJT	$9.46	$19,690	296	-288	2	Baking And Pastry Arts/Baker/Pastry Chef	12.0501	20	14	12	8	7	$35,283	$37,920
31-2021	Physical Therapist Assistants$$$	Associate's degree	$19.42	$40,400	169	-97	4	Physical Therapy Assistant *	51.0806	261	161	79	72	69	$34,509	$36,448
23-2011	Paralegals and Legal Assistants$$$	Associate's degree	$14.53	$30,210	294	-252	4	Legal Assistant/Paralegal	22.0302	178	105	52	42	34	$43,342	$38,939
31-9097	Phlebotomists	Postsecondary nondegree award	$13.13	$27,300	172	-122	1	Phlebotomy Technician/ Phlebotomist	51.1009	13	5	^	^	^	^	^
							8	Phlebotomy Technician/ Phlebotomist SAPP		120	80	80	50	43	$25,165	$26,124
29-2040	Emergency Medical Technicians and Paramedics	Postsecondary nondegree award	29-2042 EMT	29-2042 EMT	197	188	3	Emergency Care Attendant (EMT Ambulance)	51.0810	8	**7**	7	7	^	^	^
			$8.28	$17,230			16	Emergency Care Attendant (EMT Ambulance) SAPP		545	**403**	403	259	239	$37,116	$36,182
			29-2043 Paramedics	29-2043 Paramedics			9	Emergency Medical Technology/Technician (EMT Paramedic)	51.0904	331	**195**	69	56	56	$56,583	$56,408
			$15.54	$32,320			6	Emergency Medical Technology/Technician (EMT Paramedic) SAPP		114	**81**	81	63	55	$36,690	$30,473

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29-1126	Respiratory Therapists$$$	Associate's degree	$24.40	$50,750	88	-21	6	Respiratory Care Therapy/Therapist *	51.0908	232	**167**	78	67	65	$59,965	$60,721
33-3012	Correctional Officers and Jailers$$$	High school diploma or equivalent/ Moderate-term OJT	$16.78	$34,900	295	^	2	Corrections *	43.0102	14	^	^	^	^	^	^
25-2011	Preschool Teachers, Except Special Education	Associate's degree	$12.01	$24,970	190	-163	13	Child Care And Support Services Management	19.0708	335	138	50	27	25	$19,517	$18,328
29-2055	Surgical Technologists$$$	Postsecondary nondegree award	$17.63	$36,670	77	-10	5	Surgical Technology/ Technologist *	51.0909	137	**116**	77	67	63	$38,432	$36,502
31-2011	Occupational Therapy Assistants$$$	Associate's degree	$21.92	$45,590	101	-90	1	Occupational Therapist Assistant	51.0803	42	34	15	11	8	$32,877	$24,833
43-5032	Dispatchers, Except Police, Fire, and Ambulance$$$	High school diploma or equivalent/ Moderate-term OJT	$13.42	$27,910	204	^	1	Homeland Security, Law Enforcement, Firefighting And Related Protect	43.9999	^	^	^	^	^	^	^
49-3042	Mobile Heavy Equipment Mechanics, Except Engines$$$	High school diploma or equivalent/ Long-Term OJT	$18.11	$37,660	213	-168	6	Agricultural Mechanics And Equipment/Machine Technology/Technician	01.0205	136	104	46	45	45	$40,818	$43,113
							1	Heavy Equipment Maintenance Technology/Technician	47.0302	16	14	^	^	^	^	^
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	High school diploma or equivalent/ Moderate-term OJT	$14.30	$29,750	270	-405	11	Autobody/Collision And Repair Technology/Technician *	47.0603	227	186	70	52	46	$33,009	$31,698
49-3021	Automotive Body and Related Repairers$$$	High school diploma or equivalent/	$13.70	$28,500	187											

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35-1011	Chefs and Head Cooks$$$	High school diploma or equivalent	$14.30	$29,750	124	-110	2	Culinary Arts/Chef Training	12.0503	145	69	8	6	6	$35,817	$35,044
							2	Restaurant, Culinary, And Catering	12.0504	79	37	13	8	8	$40,661	$35,692
33-2011	Firefighters$$$	Postsecondary nondegree award/ Long-Term OJT	$12.39	$25,770	293	-211	8	Fire Science/Fire-Fighting	43.0203	620	**309**	98	82	77	$47,346	$46,202
51-8031	Water and Wastewater Treatment Plant and System Operators	High school diploma or equivalent/ Long-Term OJT	$13.61	$28,310	143	^	1	Water Quality And Wastewater Treatment Management And Recycling Tech	15.0506	11	8	^	^	^	^	^
29-1292	Dental Hygienists$$$	Associate's degree	$28.48	$59,240	146	-106	5	Dental Hygiene/Hygienist *	51.0602	104	87	44	40	37	$52,859	$54,201
17-3023	Electrical and Electronic Engineering Technologists and Technicians$$$	Associate's degree	$20.41	$42,450	96	-66	3	Electrical, Electronic, And Communications Engineering Technology	15.0303	33	**23**	5	5	5	$60,286	$58,775
							1	Telecommunications Technology/Technician SAPP	15.0305	19	**19**	19	15	10	$30,542	$30,542
							3	Automation Engineer Technology/Technician *	15.0406	90	**58**	11	10	10	$54,769	$50,107
							1	Computer Engineering Technology/Technician	15.1201	16	^	^	^	^	^	^
45-2091	Agricultural Equipment Operators	No formal educational credential/ Moderate-Term OJT	$14.20	$29,540	179	NA	1	Grain Elevator Operations (started 7/2020)	01.0204	NA	NA	NA	NA	NA	NA	NA
29-2032	Diagnostic Medical Sonographers$$$	Associate's degree	$28.96	$60,240	61	-55	2	Diagnostic Medical Sonography/ Sonographer And Ultrasound Technician *	51.0910	13	12	6	6	6	$42,301	$38,318
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	High school diploma or equivalent/ Short-Term OJT	$9.70	$20,180	189	-165	3	Veterinary/Animal Health Technology/Technician And Veterinary Assist	01.8301	261	128	25	24	22	$30,058	$31,488

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Update on Committee Meetings

Summary

> *The Technical Education Authority (TEA) committee meetings are now being streamed and the approved committee minutes are being added to the full TEA packets.*   *2/23/2023*

Intent

An update regarding committee meeting processes will be provided by Vice President Smathers.

<table>
<tr><td>

Kansas Board of Regents
Kansas Postsecondary Technical Education Authority
1000 SW Jackson Street, Ste. 520
Topeka, KS 66612

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Technical Program and Curriculum Committee
Conference Call
January 5, 2023
3:00 PM

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</table>

APPROVED MINUTES

Members Present:	Mike Beene
	Debra Mikulka
	Mark Hess
	Cindy Hoover
	Ray Frederick
Others:	Barton Community College
	Cloud County Community College
	Coffeyville Community College
	Cowley Community College
	Dodge City Community College
	Garden City Community College
	Hutchinson Community College
	KACCT
	Manhattan Area Technical College
	Washburn Institute of Technology
	WSU Tech
KBOR Staff Present:	Scott Smathers
	Charmine Chambers
	April Henry
	Laura Leite
	Sue Grosdidier
	Susanna Lee
	Cindy Farrier
	Vera Brown
	Tim Peterson
	Tobias Wood
	Hector Martinez
	Susan Henry

Call to Order
Committee Chair Beene called the meeting to order at 3:00 PM. A quorum of committee members was present. Chair Beene thanked previous committee chair Rita Johnson for her service and shared his mindset regarding program and curriculum design and approval as serving as the new committee chair, emphasizing alignment between education, industry support and economic development.

Approval of Minutes
Chair Beene called for a motion to approve the previous minutes from the meeting on December 8, 2022.

Motion: Member Mikulka moved to approve the minutes of the December 8, 2022 meeting. Following a second by Member Hess, the motion carried.

Program Re-Alignment
Heating, Ventilation, Air Conditioning (HVAC) (47.0201)
Chair Beene called on Director Henry to present the Heating, Ventilation, and Air Conditioning (HVAC) Re-Alignment. Director Henry explained that the HVAC program was last aligned in 2013. Director Henry provided a brief explanation of the realignment process, which includes working with institutions, business and industry and the Department of Commerce and added that responses were received from twenty-one businesses. Director Henry explained that on November 2nd, Board staff held a joint meeting between faculty from thirteen institutions, five business and industry members, representatives from KSDE, as well as KBOR Staff to start the realignment. As a result, edits were made including the title, exit points, and common versus support coursework. The group upheld that HVAC should be in the title, however wanted it to be clear that institutions could add the words "refrigeration and or climate and energy control" if desired to better describe the program. The group agreed to add a Technical Certificate A exit point without an industry-recognized certification identified which would allow a student to take all the common and support courses, providing enough to start entry-level employment with a company, however, it would not be sufficient to prepare students for an industry-recognized certification. The committee recommended that the next level exit point be either a Technical Certificate B or Technical Certificate C, as it best fits their local industry needs, to maintain the existing industry certifications identified, and to maintain all the support and common courses. All the previous common courses were suggested to be retained in the new alignment, however, some were moved from common courses to support courses, such as safety and OSHA. Director Henry added that the proposed changes were sent out for a presidential comment period from November 30th to December 14th, during which one comment was received, from Dr. Sheree Utash at WSU Tech. Dr. Utash's comment was to update Board Staff that there is a committee that is working on cross-walking the NC3 credentials to the credentials already named on the alignment map, and when that process is concluded, it will be brought back to the HVAC faculty and business and industry, for consideration of a recommendation to add an industry certification.

Motion: Following discussion, Member Frederick moved to approve the HVAC program alignment as presented and to place the committee recommendation on the TEA consent agenda for approval. Following a second by Member Mikulka, the motion carried.

New Programs
Chair Beene called on Associate Director Chambers to present the new program approval requests.

Cowley Community College: Graphic Imaging Design (10.0303)
Associate Director Chambers informed members that Cowley Community College (CCC) is seeking approval of a new program in Graphic Imaging Design, which would consist of a 21-credit hour Technical Certificate A, which would reside within their current Associate of Fine Arts degree but could be taken as a standalone offering. No accreditation is required for the program and upon completion, students would be able to sit for certifications in Adobe Photoshop, Illustrator or InDesign. The program requires internships with local businesses as part of the portfolio development process. Concerning the local Perkins needs assessment, CCC reported that in the analyzed labor market information section, Graphic Design is listed as a technical program needed in the region, listing 321 annual openings in the field of Graphic Design, with an average wage of a little over $46,000. The review of jobs related to digital Media showed twenty-two concentrators for 234 openings. Associate Director Chambers informed members that Lightcast job posting analytics show that from November 2021 through November 2022, sixteen total postings were advertised statewide, with seven unique postings advertised. Annual median advertised salary data was small cell suppressed. She added that three letters of support by industry were received from CCC, pledging commitments including internships, tours, and interviewing graduates, as well as a letter of support from High school USD 470. There are five institutions offering a similar program and AY 2021 KTIP data was included in the member's packets. CCC reported that formal collaboration was not sought for the school's listed with campus locations and service areas being the major factors. CCC reported that the program is aligned with industry needs and some of the courses are accepted as transfer credits at other colleges, however, while the technical nature of the courses in the certificate prevents them from being widely accepted, a 2 + 2 with McPherson College as being explored along with articulation with WSU. This certificate can lead to an Associate of Fine Arts degree at CCC,

and the degree path meets the general Education core which would transfer to all state institutions. CCC plans to begin the proposed program in the fall of 2023, estimating initial cost at approximately $62,900 total, which includes $55,000 for existing full-time faculty, approximately $3,000 for equipment and approximately $5,000 for technology and software, with funding provided from the visual and performing arts budget from institution general funds. Mark Dykes, Director of Graphic Design, will assume responsibility for the program, and this program was subject to the 10-day comment period during which no comments were received. CCC representatives were on the call and available for member's questions.

Committee members expressed concerns regarding the data showing a small number of graduates and even fewer students employed, low demand, low average wages, and lack of business and industry willingness to support the program by committing to hire graduates. Following discussion, Chair Beene tabled the Cowley Community College Graphic Imaging Design (10.0303) new program request pending the gathering of additional information, with committee member support.

Garden City Community College: Computer Support Specialist (11.1006)
Associate Director Chambers informed members that Garden City Community College (GCCC) is seeking approval of a 31-credit hour Technical Certificate B, and a 60-credit hour Associate of Applied Science in Computer Support Specialist. Associate Director Chambers informed members that GCCC reported that the requested program expansion is the result of the colleges successful receipt of a Title III Hispanic Serving Institution STEM Grant, which was awarded in October of 2021. The addition of a Certificate B and Associate of Applied Science targeting employment preparation in cyber security is part of the requirements of fulfilling that grant and after working with KBOR staff, it was identified that the program outcomes and industry certifications are in line with the aligned computer support specialist program. No accreditation is required for this program and upon completion, students will sit for certifications from CompTIA, including A+, Network+, Security+ and Project+. Garden City reported that regarding the comprehensive regional needs assessment that was completed in February of 2022, it indicated the need for tech support jobs in their area continues to rise as technology and the need for added security is ever-changing, and the local hospital, school districts and several banks in their area have expressed the need for this type of education as both continuing education and career technical training. Associate Director chambers informed members that Lightcast job postings from November 2021 through November 2022 show 14,150 job postings, 5149 of those being unique, advertised statewide with an annual median advertised salary of $44,700. This occupation is on the most recent high demand listing from the Kansas Department of Labor. Three letters of support were provided by industry, pledging commitments including serving on the Advisory Board, providing guest speakers, and providing internships. Garden City Public Schools USD 457 provided a letter of support for the program as well. Seven institutions offer a similar program, and the AY 2021 KTIP data was included in the meeting packet. GCCC explained that collaboration was not attempted because of the geographic distance between institutions which offer this program. This application follows the statewide alignment requirements for computer support specialists, which would ensure transferability. The college plans to begin the proposed program in the fall of 2023, estimating the initial cost at approximately $92,450, including $58,500 for existing full-time faculty, approximately $1,000 for equipment and $33,000 for technology and software, with funding provided by the Title III HSI STEM grant. Chuck Pfeifer, Dean of Technical Education Workforce Development, will assume responsibility for the proposed program. No comments were received during the 10-day comment period. GCCC representatives were on the call and available for questions.

Committee members expressed concerns regarding the discrepancy in wage reporting by Lightcast, compared to the data of graduates exited and employed which is significantly lower, lack of collaboration with nearby Seward County Community College (SCCC), lack of demand in the area as reflected in the data from SCCC, lack of proof of demand going forward and student interest, and lack of engagement and specific support from employers with commitments for hiring trainees.

GCCC representatives apologized for missing reporting that SCCC is currently operating this program within sixty miles of their institution. Associate Director Chambers informed members that SCCC was previously running their program under a different CIP code, and that could have resulted in their data not appearing in the GCCC program search.

Motion: Following discussion, Member Hess moved to table the Garden City Community College Computer Support Specialist (11.1006) program proposal, requesting additional information, exploration of potential collaboration with Seward County Community College, and requesting more evidence of support from business and industry within their community or within the county. Following a second by Member Frederick, the motion carried.

Garden City Community College: Robotics and Mechatronics Technology (15.0405)
Associate Director Chambers informed members that Garden City Community College (GCCC) is also seeking approval of a new program in Robotics and Mechatronics Technology, which would consist of a 36-credit hour technical Certificate B and a 65-credit hour Associate of Applied Science in Robotics and Mechatronics Technology. No accreditation is required for this program, and upon completion, students will sit for nationally recognized certifications through the Smart Automation Certification Alliance, (SACA) including C103 Certified Industry 4.0 Associate III – Robot Systems Operation, C-358 Autonomous Mobile Robot Systems I, and C-363 Machine Vision Systems I. Associate Director Chambers explained that GCCC reported that in 2020, the college applied for and received funding for the Title III HIS STEM grant and the purpose of that grant is to support STEM Education, specifically in underserved racial ethnic populations and supports the creation of three new high need programs, including this program. GCCC reported that in the most recent comprehensive needs assessment completed in February 2022, it indicates that schools in the region desire to provide students with advanced skills to allow them opportunities beyond entry level work and local food manufacturers are interested in this program because of their existing industrial processes, involving highly mechanized automated, computer based and web connected processing systems. This program serves as a bridge between the mechanized worlds and worlds of computer enabled web-based production controls jobs that employers attest exists in their area. For example, empirical Foods, is a technology-based company that specializes in ground beef production and is building a plant in Garden City that will employ over five hundred people from the region, many of which will need training in areas such as robotics, mechatronics, electronics and more. Lightcast job postings from November 2021 through 2022 reflect 1,218 job total postings statewide, 334 which were unique, with the annual median advertised salary of a little over $44,000 annually. Three letters of industry support were provided by GCCC, pledging commitments including serving on the advisory board, faculty, professional development, providing guest speakers, and interviewing graduates. USD 457 Garden City public schools also provided a letter of support for the program. Currently, one institution offers a similar program and that AY 2021 KTIP data was included in the meeting packet. GCCC explained that as the only technical institution in Kansas to offer a Robotics Technology program, representatives from the WSU Campus of Applied Sciences and Technology (WSU Tech) provided support to them by offering advice on program development. WSU Tech also provided a tour of the labs and equipment that they use in their program. Since the Wichita area has a strong aviation sector, while southwest Kansas has food production and agriculture, the use of robotics technology is relevant in both sectors, and this provides a complementary collaboration where each institution has a different industry with similar skill sets within their geographic region. GCCC plans to begin the proposed program in the fall of 2023, estimating the initial cost at approximately $112,796, which includes approximately $54,000 for existing full-time faculty, approximately $39,000 for equipment and approximately $19,000 for technology and software, with funding provided from the Title III HSI STEM grant. Chuck Pfeifer will assume responsibility for the proposed program, and no formal comments were received during the 10-day comment period. GCCC representatives were on the call and available for questions.

Motion: Following discussion, Member Frederick moved to approve the new program request submitted by Garden City Community College for Robotics and Mechatronics Technology (15.0405) Technical Certificate B/36 credit hours, and an Associate of Applied Science/65 credit hours as presented and to place the committee recommendation on the TEA consent agenda for approval. Following a second by Member Mikulka, the motion carried.

Washburn Institute of Technology: Advanced Emergency Medical Technician (51.0904)
Associate Director Chambers informed members that Washburn Institute of Technology (WIT) is seeking approval

of a 20-credit hour Technical Certificate A in Advanced Emergency Medical Technician. WIT explained that the EMT certificate has been offered for many years, but the advanced EMT is one level above and has been requested by their community partners. Area EMS agencies have advanced EMT positions posted, but are currently using Advanced EMT's to fill the void of the paramedic shortage. Local independent services offer the advanced EMT course occasionally but limit it to their department staff only. No local educational institutions offer this course to their community partners at large. Accreditation is required for this program through the Committee on Accreditation of Educational Programs for the Emergency Medical Services Profession. Upon completion, students will sit for the Advanced Emergency Medical Technician certification. It was explained regarding the Perkins local needs assessment that the data currently shows a shortage of program concentrators for this program. JobsEQ job posting analytics show a need for the occupation. Lightcast job postings pulled from November of 2021 through November 2022, shows there are 2,035 total postings, with 739 of those being unique postings advertised statewide with an annual median advertised salary of $39,300. This occupation is on the most recent high demand listing from the Kansas Department of Labor. Four letters of support for the program were received pledging commitments including serving on the advisory board, providing a site for field rides, and interviewing graduates. Santa Fe Trail High School also provided a letter of support. Currently, nine institutions offer a similar program, and the AY 2021 KTIP data was provided in the meeting packet. Collaboration was not pursued for this program. The college plans to begin the proposed program in the fall of 2023, estimating the initial cost of the program at approximately $39,500 total, which includes $17,000 for one new part-time faculty, $12,000 in equipment $2,000 in instructional supplies, $5000 for facility modifications and $3,500 for technology and software, with funding provided from the institution general funds, including reallocation from discontinued programs and from Perkins funding. Pam Masters, Director of Health Occupations, will assume responsibility for the proposed program. No formal comments were received during the 10-day comment period. WIT representatives were on the call and available for questions.

Motion: Following discussion, Member Frederick moved to approve the new program request submitted by Washburn Institute of Technology for Advanced Emergency Medical Technician (51.0904), Technical Certificate A/20 credit hours as presented and to place the committee recommendation on the TEA consent agenda for approval. Following a second by Member Hess, the motion carried.

Promise Act
Garden City Community College: Robotics and Mechatronics Technology (15.0405)
Washburn Institute of Technology: Advanced Emergency Medical Technician (51.0904)

Chair Beene informed members that there are two programs requesting consideration for Promise Act funding, which is the Robotics and Mechatronics Technology program offered by Garden City Community College, and the Advanced Emergency Medical Technician program offered by Washburn Institute of Technology (WIT). Associate Director Chambers informed members that these programs are Promise Act eligible as specified in the legislation.

Motion: Member Frederick moved to approve the Promise Act funding requests as submitted by Garden City Community College for their Robotics and Mechatronics Technology program and as submitted by Washburn Institute of Technology for their Advanced Emergency Medical Technician program, and to place the committee recommendation on the TEA consent agenda for approval. Following a second by Member Hess, the motion carried.

Excel in CTE fees
Washburn Institute of Technology: Advanced Emergency Medical Technician (51.0904)
Chair Beene called on Associate Director Chambers to present the requests for Excel in CTE fees submitted by Washburn Institute of Technology for Advanced Emergency Medical Technician (51.0904) totaling $1018, which includes fees for textbooks, exams, toolkit, personal protective equipment, and credentials. Associate Director Chambers explained that the fees for the program, along with the Excel in CTE fees comparisons for similar programs were included in the meeting packet.

Motion: Following discussion, Member Frederick moved to approve the Excel in CTE fees request submitted by Washburn Institute of Technology for Advanced Emergency Medical Technician (51.0904) and to place the committee recommendation on the TEA consent agenda for approval. Following a second by Member Mikulka, the motion carried.

Chair Beene expressed concerns regarding the differences in Excel in CTE Fees by the institutions and requested that Associate Director Chambers reach out to institutions with significantly lower Excel in CTE fees, asking for feedback and asking them to share the ways they have found to manage consumables, etc., with the intent of sharing best practices toward the goal of making the programs more affordable and economical for students.

Next Meeting Reminder
Chair Beene informed members that he has a conflict with the February 9, 2023 regularly scheduled committee meeting date. He proposed that the meeting could be rescheduled to either February 15th or 16th with member approval. Members agreed that the next committee meeting date should be rescheduled to February 16th at 3:00 PM. Chair Beene welcomed new TEA Member and new committee member Cindy Hoover and thanked her for her willingness to serve.

Adjournment
With no further business, Chair Beene adjourned the meeting at 4:24 PM.

Respectfully submitted by:
Susan Henry, Executive Assistant