

**Postsecondary Technical Education Authority**

**AGENDA**

Kansas Board of Regents

1000 SW Jackson, Suite 520, Topeka, KS

**10:00 AM – March 25, 2021**

**I. CALL TO ORDER**

- A. Approve Previous Minutes (February 25, 2021) Chair Frederick

**II. REPORTS**

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

**III. CONSENT AGENDA**

- A. Program and Curriculum Committee Committee Chair R. Johnson  
1) New Program Proposals Director Henry
- WSU Tech: Logistics and Supply Chain Management (52.0203)
  - Cowley Community College: Carpentry/Construction Trades (46.0201)
  - Garden City Community College: Computer Support Specialist (11.1006)
  - Kansas City Kansas Community College: Automation Engineer Technology (15.0406)
  - Kansas City Kansas Community College: Surveying Technology (15.1102)
  - Neosho County Community College: Dietary Manager (51.3103)
  - WSU Tech: Unmanned Aircraft Systems (49.0199)
  - WSU Tech: Tooling and Fixture Fabrication (48.0507)
- B. Excel in CTE Fees Director Henry
- Cowley Community College: Carpentry/Construction Trades (46.0201)
  - Garden City Community College: Computer Support Specialist (11.1006)
  - Kansas City Kansas Community College: Automation Engineer Technology (15.0406)
  - Neosho County Community College: Dietary Manager (51.3103)
  - WSU Tech: Unmanned Aircraft Systems (49.0199)
  - WSU Tech: Logistics and Supply Chain Management (52.0203)

**IV. OTHER MATTERS**

- A. Upcoming Elections of Officers Vice President Smathers  
B. TEA Budget Requests FY 2023 Vice President Smathers  
C. Review of TEA Goals FY 2020-2021 Vice President Smathers  
D. Legislative Update Director Casey

- V. NEXT MEETING REMINDER** (Thursday, April 29, 2021) Chair Frederick

**VI. ADJOURNMENT**

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

A virtual meeting of the Kansas Postsecondary Technical Education Authority (TEA) was held via ZOOM on February 25, 2021.

**Members Present**

Ray Frederick Jr., Chair  
Rita Johnson  
Mike Johnson  
Debra Mikulka  
Mike Beene  
Tiffany Anderson

Mark Hess  
Eddie Estes  
Jason Cox  
Stacy Smith

**Others Present**

Jim Genandt, Manhattan Area Technical College  
Dennis Rittle, Cowley County Community College  
Heather Morgan, KACCT  
Tim Murrell, TCALC  
Seward County Community College

Hutchinson Community College  
Cloud County Community College  
Dodge City Community College  
Kansas City Kansas Community College  
Johnson County Community College

**Kansas Board of Regents Staff Present**

Scott Smathers  
Connie Beene  
Chris Lemon  
Sue Grosdidier  
Vera Brown  
Erin Guardiola  
Charmine Chambers  
Travis White  
Susan Henry

Elaine Frisbie  
April Henry  
Lisa Beck  
Tim Peterson  
Tobias Wood  
Kelly Oliver  
Matt Casey  
Cindy Farrier

**CALL TO ORDER**

The meeting was called to order by Chair Frederick at 10:00 A.M. Chair Frederick provided members with virtual meeting guidelines. He then asked members if there were any changes or additions to the agenda. Member M. Johnson asked to add to the Agenda a discussion regarding the Kansas State University new program proposal to add an AAS in Unmanned Aircraft.

Motion: Member M. Johnson moved to add the Kansas State University new program proposal for an AAS in Unmanned Aircraft to the meeting Agenda for discussion. Following a second by Member Estes, the motion carried by roll call vote. Chair Frederick informed members that this item would be placed on the Agenda under “V. Other Matters, Item A.”

**Approval of Previous Minutes**

Chair Frederick called for a motion to approve the minutes from the January 28, 2021 meeting. Member M. Johnson moved to add a copy of the letter from the community colleges to the Governor as mentioned in Vice President Frisbie’s statement under “Other Matters, Item A Funding Distribution.”

**Motion:** Member M. Johnson moved to approve the minutes of January 28, 2021 with the addition of the letter from the community colleges to the Governor attached to the minutes. Following a second by Member Hess, the motion carried by roll call vote.

**REPORTS**

Introductions

None.

Chair's Report

Chair Frederick reported that due to the pandemic, he has not had an opportunity to travel, but he has been in communication with institutions. He reported that he sent emails to six Legislators requesting that they support and approve the recommendation of the House Higher Education Budget Committee of \$2.1 million to fully fund Excel in CTE for the current year FY21 and \$8.3 million for the budget year FY22. He expects an update from Director Casey in the legislative report later in the agenda.

Member Liaison Reports

Chair Frederick invited TEA member activity reports.

Member Estes reported that Dodge City Community College has revived the livestock judging program after a 15-year hiatus. He expressed his appreciation to the institutions for their support in legislative issues.

Vice President for Workforce Development Report

Chair Frederick called on Vice President Smathers to provide members with a Workforce Development report. Vice President Smathers reported that Board staff continues to work remotely with no set date to return to the office. He reminded members that when TEA meetings are held at the KBOR office, a badge will be required to enter. The Micro-internship program has launched, and the Board staff is excited to see its success with both student and business involvement. He has been in contact with presidents to touch base and share information. Board staff continues working on program alignment, the military initiative, and federal and state meetings for Perkins and Adult Education.

Report from the Community Colleges

Chair Frederick called upon Cowley County Community College President Dennis Rittle to provide members with a report from the community colleges.

Report from the Technical Colleges

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

**CONSENT AGENDA**

Technical Program and Curriculum Committee

Program Alignment

Welding Technology (48.0508)

Excel in CTE Fees

Dodge City Community College: Home Health Aide (51.2602)

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

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

### **DISCUSSION AGENDA**

Advocacy and Marketing Committee  
Governor CTE Month Proclamation

Chair Frederick called on Advocacy and Marketing Committee Chair Estes to present information on the Governor's CTE Month Proclamation. Committee Chair Estes informed members that the Governor signed the proclamation on the 1<sup>st</sup> of February and thanked Board staff for coordinating the signing of the proclamation with KSDE. He reported that there have been several institutions that have attended legislative meetings over the last month. Member Estes requested that TEA members keep other members informed of their communications with the Legislature and added that on March 20th at the 3i show there will be a legislative workshop on both Federal and local CTE legislation.

Excel in CTE Projections and Funding Advocacy

Chair Frederick called on Vice President Smathers to provide information on Excel in CTE projections and funding advocacy. Vice President Smathers provided members with a copy of the Excel in CTE projections document as had been previously provided to members. This document has been used by institutions and staff in testimony to House and Senate committees. Member M. Johnson expressed appreciation to staff and institutions for their efforts in compiling the projections and communication with legislature.

### **OTHER MATTERS**

New Program Proposal Discussion

Kansas State University Unmanned Aircraft Systems AAS

Chair Frederick called on Vice President Smathers to lead the discussion and explain the process for Kansas State University's (KSU) new program proposal for an Unmanned Aircraft Systems associate degree. Vice President Smathers outlined the university process for Board approval of new program proposals. He explained that the KSU Unmanned Aircraft Systems associate degree new program proposal was sent out for public comment in which there is a 45-day response period. The first reading of the program will be done at the Council of Chief Academic Officers committee meeting on March 17<sup>th</sup>. Assuming that the program is continued after the first reading, there will be second reading at the committee's April meeting, and if approved, will be reviewed by the Council of Presidents Committee in their April meeting. If approved, it would move forward to Board Academic Affairs Standing Committee in their meeting in early May. Vice President Smathers added he is unsure if it will be discussed again in May and referred to the Board in June or if it will be presented to the full Board for discussion in May.

Vice President Smathers explained that the Unmanned Aircraft Systems AAS will require 60 hours of credit and added that KSU currently offers this program for a bachelor's degree, so the AAS will give students the ability to exit for employment earlier. Vice President Smathers stated he would provide members with a copy of the complete formal KSU program proposal. Vice President Smathers informed members that Cloud County Community College currently offers an unmanned aircraft systems program and there are other two-year institutions looking at offering the program as well. Member R. Johnson added that there is a new unmanned aircraft systems program proposal that will be reviewed by the Technical Program and Curriculum Committee on March 11<sup>th</sup>. Vice President Smathers has been in touch with several two-year institutions regarding the KSU proposal and encourages institutions to send letters expressing their concerns about the KSU new AAS program proposal to KBOR. TEA members discussed their concerns over the timeline to respond, program duplication, lack of partnership between the two-year and four-year institutions on the program, impact on nearby two-year institutions and what precedence may be set if the program moves forward for approval. Members agreed that it does put Board staff and

the two-year institutions in difficult position and that two-year institutions do not want to cause any detrimental effects to their current successful partnerships with universities on other programs. Members asked if KSU would be eligible for Excel in CTE funds or tiered technical program funding for the Unmanned Aircraft Systems program and Vice President Smathers answered that they would not be eligible for the funding reserved for the two-year institutions. Vice President Smathers informed members that there are other programs being offered at the universities for associate degrees which generally are unique programs not offered at the two-year institutions. Chair Frederick called on President Knoettgen from Cloud County Community College to comment on their conversations with KSU regarding the Unmanned Aircraft Systems associate degree. She informed members that KSU declined to consider a partnership with Cloud County Community College on this program. Vice President Smathers added that KSU declined to consider a partnership with Butler Community College as well. Chair Frederick suggested gathering more information for member review and discussion at a TEA committee meeting March 11<sup>th</sup>, and then to place this item on the agenda for next month's TEA meeting. Member Beene requested additional information in the form of an issue paper be provided to members for discussion at the assigned committee meeting, including copies of the new program proposal from KSU, clarification that the program proposal is from KSU and not from KSU Polytechnic, information on the relationship of KSU Polytechnic and KSU, and a list of associate degrees currently being offered by universities.

Motion: Member Hess moved to formalize the discussion on the position of the TEA on the KSU new program proposal for an AAS in Unmanned Aircraft Systems at the March 11, 2021 TEA Advocacy and Marketing Committee meeting. Following a second by Member M. Johnson, the motion carried by roll call vote. Member Smith and Member Beene abstained from the vote.

#### K-TIP Report

Chair Frederick called on Associate Director Chambers to present the K-TIP Report. Associate Director Chambers explained that K-TIP highlights provides an overview of the High Demand/High Wage Occupations determined by the Kansas Department of Labor, comparing the wages and outlook for those occupations against AY2019 production for associate and certificate-level programs. The reporting utilized from the Department of Labor includes the High Demand/High Wage Occupation Reports for 2019 and 2020, the 2018-2028 10-Year Occupational Outlook, and the 2020 Wage Survey (for the Entry Level Annual Wage data). She further explained that two occupations, clinical lab technician and radiological technician, which were High Demand/High Wage for 2019 did not make the High Demand/High Wage list for 2020 and are highlighted in yellow in the information provided to members in their meeting packet. Associate Director Chambers explained that the AY2019 K-TIP provides data on the Total # of Declared Majors reported, the Total # of Graduates reported, the Total # of Graduates Exiting & Employed, and the Average and Median Wages for Graduates Exiting and Employed. The Kansas Department of Labor reports the Statewide Average Wage for 2020 was \$46,520, up from \$45,277 in 2019, and the Statewide Annual Entry Level Wage for 2020 was \$22,150. She noted that in all programs, except two, Plumbing and Computer Network Specialists, graduates exiting and employed exceeded the entry level wage for 2020. Associate Director Chambers reported that this K-TIP data can be used by institutions to assist in evaluating program viability. She added that data regarding students exiting and becoming employed is of positive note, with 93% of students completing exit points in the high wage/high demand programs are reporting as employed. She asked members for feedback on any additional data information that they believe would be helpful to clarify the outlook for the State to be included in the report.

#### Carl Perkins Update

Chair Frederick called on Senior Director Beene to provide members with a Carl Perkins update. Senior Director Beene provided a snapshot of progress for the State under the Strengthening Career and Technical Education for the 21st Century Act (Perkins V) law. She informed members that there has been a \$52.5 million federal funding increase for Perkins-approved programs. Allocation letters will be sent to

states and the percentage of increase is based on per capita income and census data. Currently, Kansas receives \$11.5 million divided equally with KSDE. December 2020 was the first year that enrollment data was reported under Perkins V and performance data will be reported in December 2021. Perkins V does allow for situational caveats to adjust performance targets for institutions with declining average enrollment due to the pandemic, though enrollment is expected to rebound. Senior Director Beene explained that the initial data collection involving CTE participant and concentrator enrollments is complete and she provided a data sheet of the breakdown of the postsecondary CTE enrollments for the period 7/1/2019 – 6/30/2020 to members. She explained that there has been an increase in both the participant enrollment as well as the concentrator enrollment for this time period.

#### GAP Analysis

Chair Frederick called on Vice President Frisbie to provide members with information on the GAP Analysis. Vice President Frisbie reminded members that in 2011, Senate Bill 143 created a formula for distributing state aid for postsecondary technical education courses, which was intended to take effect in FY 2012. The cost model calculates institutions' costs to deliver courses and recognizes the cost differential in delivering technical courses. The course rates are updated using actual credit hour enrollments and institutions' reported cost data and calculates the state's share to finance those costs. The cost model then produces a gap report that identifies the funding shortfall for each college when considering local resources and available state funding. She provided members with the most recent calculations showing the state falling short in funding the cost model and added that in no year has the state ever fully funded tiered and non-tiered courses. The current gap is approximately \$3 million for tiered courses and over \$12 million for non-tiered courses. The Governor's proposed budget for FY 2022 reflects 2% reductions applied to tiered/non-tiered funding lines for a reduction in funding of approximately \$2.8 million dollars.

#### Legislative Update

Chair Frederick called on Director Casey to provide members with a legislative update. Director Casey gave a brief report to members on the recent and upcoming activities of the Legislature. He reported good progress on Excel in CTE funding thanks to coordinated advocacy efforts and that \$2.1 million for FY 21 and \$8.3 million for FY 22 are in the House Committee and will be reviewed by the Senate Committee during the Omnibus session. He reported that March 5<sup>th</sup> is the midpoint of the regular session, and all non-exempt bills must be passed by their chamber of origin or will be dead for the year. The second half of the regular session ends April 9<sup>th</sup>. He provided members with the path of the budget bill to the Governor and added that the Governor does have line item veto power on the budget. He reported the Legislature is working to complete the budget by first adjournment, and they will come back in Omnibus session May 3<sup>rd</sup> and will likely put together an omnibus budget bill. Members Johnson and Estes thanked Director Casey for his efforts on behalf of the community and technical colleges.

#### **NEXT MEETING REMINDER**

Chair Frederick reminded members that the next TEA meeting will be held virtually on March 25, 2021 at 10:00 A.M.

#### **ADJOURNMENT**

With no further business, Chair Frederick adjourned the meeting at 12:01 P.M.

Respectfully submitted by:  
Susan Henry, Executive Assistant

## **Tabled Item: Requests for Degree and Certificate Programs Submitted from Community Colleges and Technical Colleges**

### **Summary**

*In May of 2018, the Technical Education Authority's Program/Curriculum Committee (Program and Curriculum Committee) reviewed and tabled a request from Wichita State University Campus of Applied Sciences and Technology (WSU Tech) to offer a Technical Certificate B and Associate of Applied Science degree in Logistics and Supply Chain Management pending full ownership of the program. 3/25/2021*

### **Background**

Community and technical colleges submit requests for new certificate and degree programs utilizing forms developed by KBOR staff in accordance with K.S.A. 71-1802 and supplemental criteria approved by the Board of Regents. 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.

The proposed program was subject to the 10-day comment period required by Board policy from April 17, 2018 to April 30, 2018, during which no comments were received. The Program and Curriculum Committee reviewed and discussed the proposed program at its May 5, 2018 meeting. During the committee discussion, concerns were raised regarding the proposed program's two-year partnership with Pima Community College (PCC) located in Tucson, Arizona. The initial proposal had PCC responsible for all the Logistics and Supply Chain Management curriculum and assuming all instructional costs. Students would have paid \$82.50 per credit hour to PCC. WSU Tech and PCC faculty would work together on a transition plan to move instruction from PCC to WSU Tech. The program was tabled pending WSU Tech gaining full control of the Logistics and Supply Chain curriculum.

**WSU Tech** requests approval for the following program:

- Logistics and Supply Chain Management (52.0203) - Technical Certificate B/32 credit hours; and Associate of Applied Science/62 credit hours.

According to the U.S. Department of Education, CIP Code 52.0203 Logistics and Materials Management, is defined as a program that prepares individuals to manage and coordinate all logistical functions in an enterprise, ranging from acquisitions to receiving and handling, through internal allocation of resources to operations units, to the handling and delivery of output. Curriculum should include instruction in acquisitions and purchasing, inventory control, storage and handling, just-in-time manufacturing, logistics planning, shipping and delivery management, transportation, quality control, resource estimation and allocation, and budgeting.

Development of this program was WSU Tech's response to both area business and industry input and the Blueprint for Regional Economic Growth (BREG) action plan. BREG is a collaborative regional initiative to create a strategy for economic growth for areas in Butler, Cowley, Harper, Harvey, Kingman, Marion, McPherson, Reno, Sedgwick, and Sumner counties. BREG's findings concluded the sole area not represented by education was Transportation and Logistics.

Upon successful completion of each exit point, students are eligible to sit for industry certificates offered through the Manufacturing Skills Standard Council (MSSC). At the Technical Certificate B level, the student is eligible to sit for the Certified Logistics Associate (CLA) certificate. At the Associate of Applied Science level, the student is eligible to sit for the Certified Logistics Technician (CLT) certificate. MSSC is an accrediting body through the American National Standard Institute (ANSI).

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Transportation, Storage, and Distribution Managers (11-3071) of 7% with an annual median

wage of \$93,890 with high school diploma or equivalent listed as the typical education needed for entry. Annual openings equate to 96 jobs per year.

Emsi job posting analytics show that from January 2020 to January 2021, roughly 2,583 total postings (638 unique postings) were advertised statewide with a median advertised salary of \$70,400. Most of the job postings are in the Kansas City, Wichita, and Topeka areas.

#### Job Postings Regional Breakdown

[Jump to Job Postings by Location](#) ■■■



Currently, four institutions offer similar programs:

- University of Kansas offers a Supply Chain Management Bachelor's degree.
- Wichita State University offers a master's degree in Supply Chain Management and Graduate Certificates in Supply Chain Management.
- Pratt Community College began a Modern Distribution Sales & Management program in AY19; K-TIP data is not available for this program yet.
- Washburn Institute of Technology offers a Certified Logistics Technician short-term program. 2019 K-TIP data for this program shows 38 concentrators, 36 graduates exiting, small cell suppressed numbers for students who graduated and exited and were found in Kansas Department of Labor data, with an average wage of \$51,724 per year.

Collaboration with existing programs was not pursued due to WSU Tech's initial partnership with PCC (ending AY21). WSU Tech will maintain the current curriculum and instructional outcomes.

Four letters of support were received from Spirit AeroSystems, Hornet Cutting Systems, TECT Aerospace, and WSU NIAR. Proposed supports for the program include serving on the program advisory committee, providing guaranteed interviews, providing feedback to interviewed graduates, providing hiring requirements/trends in requirements, donation of materials, and hosting students for applied learning activities.

WSU Tech plans to begin the proposed Logistics and Supply Chain Management program in August of 2021. WSU Tech estimated the initial cost to deliver the proposed program at approximately \$13,460 (\$12,960 salaries, and \$500 instructional supplies). All costs will be funded through the institution's general fund. The program will be offered fully online; therefore, the program does not require physical space on campus. Faculty will be located at the National Center for Aviation Training campus. Bruce Fritz, Associate Dean of Manufacturing, will assume responsibility for the proposed program.

#### **Recommendation**

The new program request submitted by WSU Tech for a Technical Certificate B at 32 credit hours and an Associate of Applied Science degree at 62 credit hours in Logistics and Supply Chain Management has been reviewed by the Program and Curriculum Committee and is recommended for approval.



## Requests for degree and/or certificate programs submitted from community colleges and technical colleges

### Summary

*The Board office received requests from*

- *Cowley Community College to offer a Technical Certificate A, Technical Certificate B, Technical Certificate C, and Associate of Applied Science degree in Carpentry/Construction Trades*
- *Garden City Community College to offer a Technical Certificate A in Computer Support Specialist*
- *Kansas City Kansas Community College to offer a Technical Certificate C and Associate of Applied Science degree in Automation Engineer Technology*
- *Kansas City Kansas Community College to offer a Technical Certificate B and Associate of Applied Science degree in Surveying Technology*
- *Neosho County Community College to offer a Technical Certificate A in Dietary Manager*
- *Wichita State University Campus of Applied Sciences and Technology to offer a Technical Certificate A and Associate of Applied Science degree in Unmanned Aircraft Systems*
- *Wichita State University Campus of Applied Sciences and Technology to offer a Technical Certificate C and Associate of Applied Science degree in Tooling and Fixture Fabrication.*

*The programs submitted addressed all criteria requested and were subject to the 10-day comment period required by policy. The programs were reviewed by staff and are presented for review and discussion by the Technical Education Authority's Program and Curriculum Committee.*

*3/25/2021*

### Background

Community and technical colleges submit requests for new certificate and degree programs utilizing forms developed by Board staff in accordance with K.S.A. 71-1802 and supplemental criteria approved by the Board of Regents. 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 the Proposed Program:

**Cowley Community College (CCC)** requests approval of the following program:

- Carpentry/Construction Trades (46.0201) – Technical Certificate A/18 credit hours, Technical Certificate B/35 credit hours, Technical Certificate C/47 credit hours, and Associate of Applied Science degree/65 credit hours

According to the U.S. Department of Education, CIP Code 46.0201 Carpentry/Carpenter is defined as a program that prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. The program should include instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards.

The proposed program was developed in partnership between CCC, Skyline Homes and Conco Construction, and in accordance with the statewide alignment criteria. It consists of four exit points, a technical certificate A at 18 credit hours, technical certificate B at 35 credit hours, technical certificate C at 47 credit hours, and associate of applied science degree at 65 credit hours. Upon successful completion of the program, students are eligible for OSHA 10 and National Center for Construction Education and Research Core and Carpentry Level 1 certifications.

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Carpenters (47-2031) of 3.1% with an annual median wage of \$39,750 with high school diploma

or equivalent as the typical education needed for entry. Annual openings equate to 853 jobs per year.

Emsi job posting analytics show that from January 2020 to January 2021, roughly 3,035 total postings (882 unique postings) were advertised statewide with a median advertised salary of \$40,600.

Job Postings Regional Breakdown

[Jump to Job Postings by Location](#) ■■■



Four letters of support were received from Conco Construction, Skyline Homes, Mayfield Electric, and Ace Construction & Interior Design, LLC. Proposed supports for the program include serving on the program advisory committee, providing industry professionals for class and lab, curriculum development, commitment to interview program graduates, and monetary donations.

Currently, there are fourteen Carpentry/Construction programs offered at other institutions in the state. 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 2019 K-TIP report.

2019 K-TIP Data				
College	Total # Concentrators	Total # Graduates	Total # Graduates Exiting & Employed	Average Wage: Graduates Exited & Employed
Barton Community College	40	30	25	\$20,303
Coffeyville Community College	27	6	*	*
Fort Scott Community College	44	24	6	\$16,046
Garden City Community College	New program AY21			
Highland Community College	20	7	6	\$38,538
Hutchinson Community College	18	9	*	*
Kansas City Kansas Community College	47	31	12	\$32,268
Manhattan Area Technical College	12	12	6	\$47,008
Neosho County Community College	23	20	6	\$30,833
North Central Kansas Technical College	22	19	9	\$27,777
Northwest Kansas Technical College	11	9	*	*
Salina Area Technical College	16	7	6	\$33,225
Washburn Institute of Technology	33	15	7	\$26,840
Wichita State University Campus of Applied Sciences and Technology	48	16	10	\$26,840
Totals	361	205	93	\$16,046 - \$47,008

Below is three-year (2017, 2018, and 2019) system-wide K-TIP data for similar programs.

Kansas Training Information Program					
Academic Years 2017 - 2019					
Program Name	Total # Concentrators	Total # Graduates Exited and Employed	Total # Graduates Exited and Employed with Salary Data	3-year Average Wage of Graduates Exited and Employed with Salary Data	3-year Median Wage of Graduates Exited and Employed with Salary Data
Carpentry/Construction	922	226	183	\$27,994	\$26,828

All faculty members shall have an associate and/or bachelor’s degree in a closely related field or a minimum of five years experience in the construction industry.

CCC plans to begin the proposed Carpentry/Construction Trades program in the fall of 2021. The college estimates the initial cost of the proposed program at approximately \$123,775 (\$51,000 salaries, \$17,500 equipment, \$10,275 tools and supplies, \$7,500 instructional supplies and materials, \$20,000 facility requirements, and \$17,500 technology and software). All costs for the program will be funded through institutional contingency dollars and business industry donations. Buddy Curry, Department Chair for Career and Technical Education, will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from February 19, 2021 to March 4, 2021 during which no formal comments were received.

**Recommendation**

The new program request submitted by Cowley Community College for a technical certificate A at 18 credit hours, technical certificate B at 35 credit hours, technical certificate C at 47 credit hours, and associate of applied science degree at 65 credit hours in Carpentry/Construction Trades has been reviewed by the Program and Curriculum Committee and is recommended for approval.

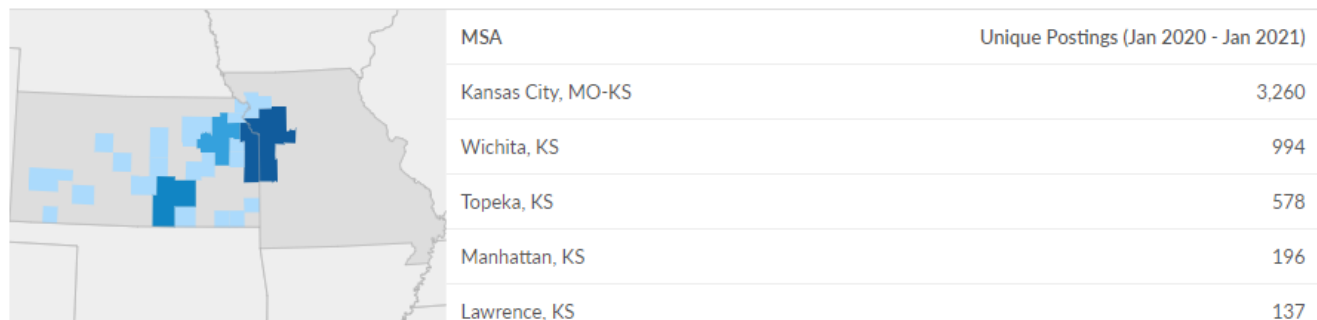
**Garden City Community College (GCCC)** requests approval of the following program:

- Computer Support Specialist (11.1006) – Technical Certificate A/16 credit hours

According to the U.S. Department of Education, CIP Code 11.1006 Computer Support Specialist is defined as a program that prepares individuals to provide technical assistance, support, and advice to computer users to help troubleshoot software and hardware problems. The program 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.

The proposed program consists of one exit point, a 16-credit hour technical certificate A. Upon completion of the program, students are eligible for the CompTIA A+ certification. The Computer Support Specialist program is aligned statewide and the proposed program meets the agreed upon standards.

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Computer User Support Specialists (15-1151) of 11% with an annual median wage of \$45,120 with some college as the typical level of education needed for entry. Annual openings equate to 730 jobs per year. Emsi job posting analytics show that from January 2020 to January 2021, roughly 31,685 total postings (6,413 unique postings) were advertised statewide with a median advertised salary of \$44,900.



Three letters of support were received from Finney County Economic Development Corporation, Western State Bank, and Palace Computer Center. Proposed supports for the program include serving on the program advisory committee, serving as guest speakers, providing professional development to faculty and staff, connecting financial and learning support resources, promotion of the program, and providing internships.

Currently, there are six Computer Support Specialist programs offered by institutions across the state. 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 2019 K-TIP report.

2019 K-TIP Data				
College	Total # Concentrators	Total # Graduates	Total # Graduates Exiting & Employed	Average Wage: Graduates Exited & Employed
Hutchinson Community College	22	8	*	*
Johnson County Community College	37	9	6	\$33,055
Kansas City Kansas Community College	23	8	5	\$31,133
Labette Community College	*	*	*	NR
Neosho County Community College	*	*	*	NR
Wichita State University Campus of Applied Sciences and Technology	108	28	16	\$28,567
<b>Totals</b>	<b>190</b>	<b>53</b>	<b>27</b>	

Below is three-year (2017, 2018, and 2019) system-wide K-TIP data for similar programs.

Kansas Training Information Program					
Academic Years 2017 - 2019					
Program Name	Total # Concentrators	Total # Graduates Exited and Employed	Total # Graduates Exited and Employed with Salary Data	3-year Average Wage of Graduates Exited and Employed with Salary Data	3-year Median Wage of Graduates Exited and Employed with Salary Data
Computer Support Specialist	371	52	51	\$26,587	\$22,971

All faculty members shall have a bachelor's degree, or a combination of other credentials including, but not limited to, an associate degree in the field, recognized industry certification or a minimum of 4,000 work hours in a related industry.

GCCC plans to begin the proposed Computer Support Specialist program in the fall of 2021. The college estimates the initial cost of the proposed program at approximately \$63,600 (\$58,600 salaries, \$2,500 instructional supplies and materials, and \$2,500 technology and/or software). Existing college faculty will be utilized and will be funded through state aid, student tuition, and local mil levy dollars. Instructional supplies and materials, and technology and/or software will be funded through the President's Consulting/Contract Services line item. Marc Malone, Vice President for Instructional Services, will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from February 19, 2021 to March 4, 2021 during which no formal comments were received.

### **Recommendation**

The new program request submitted by Garden City Community College for a technical certificate A at 16 credit hours in Computer Support Specialist has been reviewed by the Program and Curriculum Committee and is recommended for approval.

**Kansas City Kansas Community College (KCKCC)** requests approval of the following program:

- Automation Engineer Technology (15.0406) –Technical Certificate C/49 credit hours and Associate of Applied Science degree/65 credit hours

According to the U.S. Department of Education, CIP Code 15.0406 Automation Engineer Technology/Technician is defined as a program that prepares individuals to apply basic engineering principles and technical skills in support of engineers and other professionals engaged in developing, installing, calibrating, modifying, and maintaining automated systems. The program should include instruction in computer systems; electronics and instrumentation; programmable logic controllers (PLCs); electric, hydraulic, and pneumatic control systems; actuator and sensor systems; process control; robotics; applications to specific industrial tasks; and report preparation.

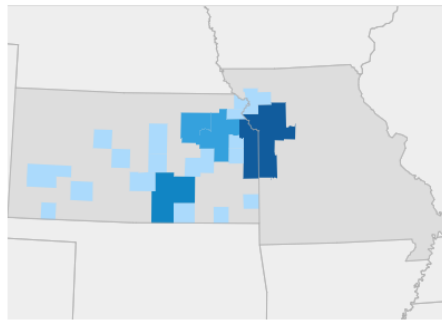
Development for the program came from data collected over the past few years by the Kansas Manufacturing Solutions and the Wyandotte Economic Development Council, which show over 300 manufacturing companies in the region. The proposed program meets the statewide program alignment criteria and consists of two exit points; a technical certificate C at 49 credit hours and an associate of applied science degree at 65 credit hours. Upon successful completion of the program, students are eligible for the Control Systems Technician Associate exam offered through the International Society of Automation.

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Electrical and Electronics Engineer Technicians' (17-3023) of 3.4% with an annual median wage of \$60,950 with an associate degree as the typical education needed for entry. Annual openings equate to 92 jobs per year.

Emsi job posting analytics show that from January 2020 to January 2021, roughly 3,883 total postings (695 unique postings) were advertised statewide with a median advertised salary of \$41,600.

Job Postings Regional Breakdown

[Jump to Job Postings by Location](#) ■■■



MSA	Unique Postings (Jan 2020 - Jan 2021)
Kansas City, MO-KS	330
Wichita, KS	122
Topeka, KS	42
Manhattan, KS	30
Garden City, KS	14

Three letters of support were received from Amstead Rail, Heartland Coca-Cola, and INX International Ink Company. Proposed supports for the program include serving on the program advisory committee, commitment to use the program to upskill current employees, providing internships, commitment to use the program completers to fill current open positions, and monetary donations.

Currently, there are two Automation Engineer Technology programs offered at other institutions in the state. 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 2019 K-TIP report.

2019 K-TIP Data				
College	Total # Concentrators	Total # Graduates	Total # Graduates Exiting & Employed	Average Wage: Graduates Exited & Employed
Hutchinson Community College	28	8	7	\$49,250
Johnson County Community College	36	12	7	\$56,804
<b>Totals</b>	<b>64</b>	<b>20</b>	<b>14</b>	

Below is three-year (2017, 2018, and 2019) system-wide K-TIP data for similar programs.

Kansas Training Information Program					
Academic Years 2017 - 2019					
Program Name	Total # Concentrators	Total # Graduates Exited and Employed	Total # Graduates Exited and Employed with Salary Data	3-year Average Wage of Graduates Exited and Employed with Salary Data	3-year Median Wage of Graduates Exited and Employed with Salary Data
Automation Engineer Technology	156	28	28	\$54,209	\$49,813

All faculty members shall have an associate degree or higher, certificate, and a minimum of three years experience in Automated Engineer, Industrial Technology, and Advanced Manufacturing or a closely related field.

KCKCC plans to begin the proposed Automation Engineer Technology program in the fall of 2021. The college estimates the initial cost of the proposed program at approximately \$672,145 (\$96,145 salaries, \$500,000 equipment, \$35,000 tools and supplies, \$15,000 instructional supplies and materials, \$11,000 facility requirements, and \$15,000 in technology and software). The proposed program will utilize existing space on campus. Salary costs will be funded through vacant faculty positions that are no longer needed. New equipment will not need to be purchased, rather, the program will utilize existing Welding and Machine Technology equipment which accounts for \$500,000 of the program budget. The remaining cost of the program (\$76,000) will be funded through business and industry donations (\$33,000), the Kansas Innovation Grant (\$18,000), and institutional funds. KCKCC has instituted a “new program costs center” as part of their budgeting process to ensure funds are set aside for program development. Cheryl Runnebaum, Dean of Career and Technical Education, will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from February 19, 2021 to March 4, 2021 during which no formal comments were received.

### **Recommendation**

The new program request submitted by Kansas City Kansas Community College for a technical certificate C at 49 credit hours and an associate of applied science degree at 65 credit hours in Automation Engineer Technology has been reviewed by the Program and Curriculum Committee and is recommended for approval.

**Kansas City Kansas Community College (KCKCC)** requests approval of the following program:

- Surveying Technology (15.1102) – Technical Certificate B/33 credit hours and Associate of Applied Science degree/61 credit hours

According to the U.S. Department of Education, CIP Code 15.1102 Surveying Technology/Surveying is defined as a program that prepares individuals to apply mathematical and scientific principles to the delineation, determination, planning, and positioning of land tracts, land and water boundaries, land contours and features; and the preparation of related maps, charts and reports. The program should include instruction in applied geodesy, computer graphics, photo interpretation, plane and geodetic surveying, mensuration, traversing, survey equipment operation and maintenance, instrument calibration, and basic cartography.

Development for the program occurred in partnership with KCKCC, BHC Rhodes, and the Kansas Society of Land Surveyors in response to the aging workforce. The proposed program meets the statutory requirements of the Kansas State Board of Technical Professions (KSBTP) per K.S.A. 74-7001. The proposed program consists of two exit points, a 33-credit hour technical certificate B and 61-credit hour associate of applied science degree.

KSBTP requires applicants for surveying licensure to obtain:

- associate of applied science degree containing curriculum outlined and approved by the Board, or
- 30 technical credits in required coursework and a minimum of five years work experience in various aspects of surveying

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Surveying and Mapping Technicians (17-3031) of 5.5% with an annual median wage of \$49,460 with high school diploma or equivalent as the typical education needed for entry. Annual openings equate to 57 jobs per year.

Emsi job posting analytics show that from January 2020 to January 2021, roughly 241 total postings (94 unique postings) were advertised statewide with the highest concentration in the Kansas City area.



## Job Postings Regional Breakdown

[Jump to Job Postings by Location](#) ■■■



Eight letters of support were received from GeoLearn, BHC Rhodes, Seiler Instrument & Manufacturing Co., HubTack, Inc., Savoy Company, the Kansas Department of Transportation, Kansas Society of Land Surveyors Charitable Foundation, Inc., and the Kansas Society of Land Surveyors. Proposed supports for the program include serving on the program advisory committee, curriculum development, providing scholarships, providing free access to services to any active Surveyor student, promotion of the program, providing internship, and other work-based learning opportunities.

Currently, there are no similar state-funded programs at the two- or four-year level.

Once the program is approved by the Kansas Board of Regents, KCKCC plans to seek accreditation from the Applied and Natural Science Accreditation Commission (ABET). ABET is American National Standards Institute accredited and meets all requirements of the ISO 9001:2015. Accreditation will take a minimum of 18 months and requires a minimum of one program graduate prior to the year of the on-site review.

All faculty members shall have an undergraduate degree in surveying, engineering, or related technical area; professional registration as a land surveyor or professional engineer, and seven years of professional practice performing boundary, construction, topographic, and engineering surveys.

KCKCC plans to begin the proposed Automation Engineer Technology program in the fall of 2021. The college estimates the initial cost of the proposed program at approximately \$225,145 (\$99,145 salaries, \$120,000 equipment, \$2,500 tools and supplies, \$500 instructional supplies and materials, and \$3,000 in technology and software). The proposed program will utilize existing space on campus. Salary costs will be funded through vacant faculty positions that are no longer needed. Equipment was donated by BHC Rhodes and Seiler Instrument & Manufacturing Co. The remaining program costs (\$6,000) will be funded through institutional funds. KCKCC has instituted a “new program costs center” as part of their budgeting process to ensure funds are set aside for program development. Cheryl Runnebaum, Dean of Career and Technical Education, will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from February 19, 2021 to March 4, 2021 during which no formal comments were received.

### **Recommendation**

The new program request submitted by Kansas City Kansas Community College for a 33-credit hour technical certificate B and 61-credit hour associate of applied science degree in Survey Technology has been reviewed by the Program and Curriculum Committee and is recommended for approval.



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

- Dietary Manager (51.3103) – Technical Certificate A/16 credit hours

According to the U.S. Department of Education, CIP Code 51.3103 Dietetic Technician is defined as a program that prepares individuals, under the supervision of registered dietitians and nutritionists, to implement nutritional and dietetic plans and provide direct client and patient services. The program should include instruction in human nutrition, client interviewing and record keeping, dietary planning, food preparation and safety, food worker supervision, food service establishment monitoring and inspection, and applicable procedures and regulations.

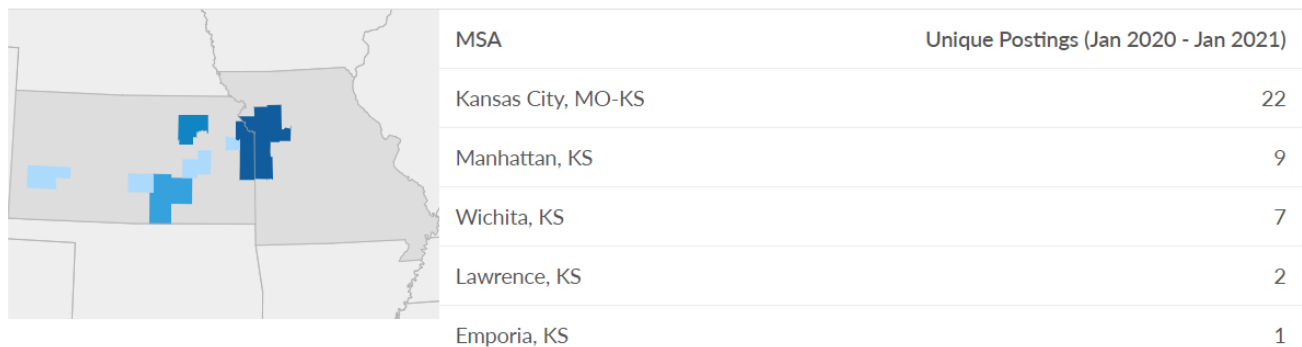
Development for the program occurred in partnership with NCCC and USD 413 based on results of the local needs assessment and student interest. The proposed program consists of one exit point, a 16-credit hour technical certificate A. Upon completion of the program, students are eligible for the Certified Dietary Manager certificate offered through the Association of Nutrition and Foodservice Professionals (ANFP). ANFP is accredited through the American National Standards Institute.

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Dietetic Technicians (29-2051) of 4.1% with an annual median wage of \$28,610 with an associate degree as the typical education needed for entry. Annual openings equate to 8 jobs per year.

Emsi job posting analytics show that from January 2020 to January 2021, roughly 402 total postings (50 unique postings) were advertised statewide.

#### Job Postings Regional Breakdown

[Jump to Job Postings by Location](#) ■■■



Nine letters of support were received from Rehabilitation and Fitness Center, Guest Home Estates 2, Country Place Senior Living and Memory Care, Chanute High School, Guest Home Estates 8, Neosho Memorial Regional Medical Center, Chanute Public Schools, Sara Patterson, and Southeast **KANSASWORKS**. Proposed supports for the program include serving on the program advisory committee, use of facilities for mentorships and field work experience, providing internships, serving as guest speakers, and assistance with job search and placement services.

Currently, there are three similar Dietary Manager programs offered at other institutions in the state. 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 2019 K-TIP report.

2019 K-TIP Data				
College	Total # Concentrators	Total # Graduates	Total # Graduates Exiting & Employed	Average Wage: Graduates Exiting & Employed
Barton Community College	40	37	34	\$37,153
Flint Hills Technical College	*	*	*	NR
Johnson County Community College	10	9	5	*
Totals	50	46	39	

Below is three-year (2017, 2018, and 2019) system-wide K-TIP data for similar programs.

Kansas Training Information Program						
Academic Years 2017 - 2019						
Program Name	CIP Code	Total # Concentrators	Total # Graduates Exiting and Employed	Total # Graduates Exiting and Employed with Salary Data	3-year Average Wage of Graduates Exiting and Employed with Salary Data	3-year Median Wage of Graduates Exiting and Employed with Salary Data
Dietetic Technician	51.3103	25	14	14	\$32,908	\$36,220
Dietitian Assistant	51.3104	80	42	35	\$36,935	\$36,343
Total		105	56	49		

Once the program is approved by the Kansas Board of Regents, NCCC plans to seek accreditation from the Association of Nutrition & Foodserver Professionals (ANFP). ANFP accreditation will allow students to be eligible for test-taking and credentialing examinations.

All nutrition and medical nutrition therapy courses will be taught by a Registered Dietitian Nutritionist.

NCCC plans to begin the proposed Dietary Manager program in the fall of 2022. The college estimates the initial cost of the proposed program at approximately \$25,200 (\$9,200 salaries, \$5,000 tools and supplies, \$4,000 instructional supplies and materials, \$6,500 technology and software, and \$500 in accreditation fees). Costs for the program will be shared between NCCC and USD 413. Equipment and facility renovations will be funded by USD 413. Brenda Krumm, Dean of Outreach and Workforce Development, will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from February 19, 2021 to March 4, 2021 during which no formal comments were received.

### Recommendation

The new program request submitted by Neosho County Community College for a 16-credit hour technical certificate A in Dietary Manager has been reviewed by the Program and Curriculum Committee and is recommended for approval.

**Wichita State University Campus of Applied Sciences and Technology (WSU Tech)** requests approval of the following program:

- Unmanned Aircraft Systems (49.0199) – Technical Certificate A/22 credit hours and Associate of Applied Science degree/61 credit hours

According to the U.S. Department of Education, CIP Code 36.0207 Remote Aircraft Pilot is defined as a program that prepares individuals to fly an unmanned aircraft system (UAS) for personal use and qualifies individuals to sit for the FAA Remote Pilot Certificate with small unmanned aircraft systems (sUAS) rating knowledge examination. The program should include instruction in principles of unmanned aircraft system design and performance; aircraft flight systems and controls; airway safety and traffic regulations; and governmental rules and regulations pertaining to piloting unmanned aircraft. Because the U.S. Department of Education has marked this CIP Code invalid for IPEDS reporting, the proposed program will utilize CIP Code 49.0199 Air Transportation, Other, which is defined as any instructional program in aviation and air transportation services not listed above.

The program consists of two exit points, a 22-credit hour technical certificate A and a 61-credit hour associate of applied science degree. Upon completion of the program, students are eligible for the Federal Aviation Administration Part 107 Small UAS Rule certification.

Development of the Unmanned Aircraft Systems program is in response to local business and industry demands. Usage of drones is being seen in agriculture, transportation, real estate, and civil engineering. A recent announcement by Amazon of the creation of a fulfillment center in the Wichita area and Amazon's future delivery system, Prime Air, provide further need in the area.

Due to the newness of the occupation, the Kansas Department of Labor currently does not have labor demand data. WSU Tech provided JobsEQ data showing seventeen jobs were posted in Kansas in the last twelve months with job titles that included words such as "UAS," "unmanned," or "drone." Of the seventeen jobs, fifteen were categorized under Electromechanical or Mechatronics Technicians (17-3024). Data also shows sixty-six people in Kansas are employed in this field with an average wage of \$53,400. Fourteen of those sixty-six positions are in Sedgwick county with an average wage of \$55,900.

Five letters of support were received from AgEagle Aerial, Inc., Drone-tography LLC, Pitsco Education, CrossFlight Sky Solutions, and TANA Ag Solutions Group. Proposed supports for the program include serving on the program advisory committee, providing curriculum input, providing hiring requirements, trends, or changes, use of facilities for hands-on learning, commitment to interview program graduates, and hosting student applied learning activities such as apprenticeships, internships, and independent study.

Currently, there are two similar programs statewide. Kansas State University has an Unmanned Aircraft Systems Flight and Operations program. Universities program data is not recorded within K-TIP; however, the program webpage states a 97% placement rate. Cloud County Community College has an Unmanned Aircraft Systems program that began in AY17. Single year K-TIP data is suppressed to protect student level data. A three-year K-TIP review shows the program has had 15 concentrators, 9 graduates exited and employed with a three-year average wage of \$50,026.

WSU Tech plans to begin the proposed Unmanned Aircraft Systems program in the fall of 2021. The college estimates the initial cost of the proposed program at approximately \$115,000 (\$48,000 in salaries, \$21,500 in equipment, \$13,700 in tools and supplies, \$8,100 in instructional supplies and materials, \$15,000 in facility requirements, and \$8,700 in technology and software). Existing space at the National Center for Aviation Training campus will be utilized. All program costs will be funded by institutional funds. The college has a line item within the budget for new program development. Chris Wyant, Robotics Program Director, will assume

responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from February 19, 2021 to March 4, 2021 during which no formal comments were received.

### **Recommendation**

The new program request submitted by WSU Tech for a technical certificate A at 22 credit hours and associate of applied science degree at 61 credit hours in Unmanned Aircraft Systems has been reviewed by the Program and Curriculum Committee and is recommended for approval.

**Wichita State University Campus of Applied Sciences and Technology (WSU Tech)** requests approval of the following program:

- Tooling and Fixture Fabrication (48.0507) – Technical Certificate C/50 credit hours and Associate of Applied Science degree/65 credit hours

According to the U.S. Department of Education, CIP Code 48.0507 Tool and Die Technology/Technician is defined as a program that prepares individuals to apply technical knowledge and skills to operate machine tools used in the forming of metal components as well as the fabrication of special tools, dies, jigs and fixtures used in cutting, working, and finishing metal components.

The proposed program consists of two exit points, a 50-credit hour technical certificate C and a 65-credit hour associate of applied science degree. Upon completion of the program, students are eligible for the following industry certifications: OSHA 10, NC3 PMI 1 Tape and Rule Measurement, NC3 PMI 2 Slide Caliper Measurement, NC3 PMI 3 Gage Measurement, NC3 PMI 4 Angle Measurement, NC3 PMI 5 Micrometer Measurement, NC3 PMI 6 Dial Gage Measurement, NC3 Welding Safety, NC3 Principles of Welding, NC3 Head, Eye, and Face Protection, and Mike Rowe Works Work Ethic.

Development of the Tooling and Fixture Fabrication program is the result of a partnership between WSU Tech and Textron Aviation. The curriculum is based on the U.S. Department of Labor's Trade Adjustment Assistance Community College and Career Training (TAACCCT) program and has an apprenticeship model included. The proposed program received Jobs and Innovative Industry Skills Training (JIIST) funding from the Kansas Department of Commerce.

The Kansas Department of Labor Long-term Occupation Projections 2018-2028 indicate a statewide change of employment for Tool and Die Makers (51-4111) of -4.2% with an annual median wage of \$64,180 with postsecondary non-degree award as the typical education needed for entry. Annual openings equate to 82 jobs per year.

Within the application, WSU Tech states their local industry (Aerospace, Metalworking, Machinery Manufacturing, and Machine Shops) will need 239 new workers over the next ten years, with nearly 72% of those in the Aerospace Industry. Local data presented shows an average mean annual wage of \$72,000.

Emsi job posting analytics show that from January 2020 to January 2021, roughly 179 total postings (31 unique postings) were advertised statewide with most of the jobs posted in the Wichita area.

## Job Postings Regional Breakdown

[Jump to Job Postings by Location](#) ■■■



Four letters of support were received from Cox Machine, Inc, Textron Aviation, Excel Industries, and Derby Public Schools (USD 260). Proposed supports for the program include serving on the program advisory committee, providing guaranteed interviews, providing up-to-date job descriptions for positions company is actively recruiting, providing feedback to interviewed graduates, providing hiring requirements/trends in requirements, donation of materials, and hosting students for applied learning activities.

Currently, there are no existing Tooling and Fixture Fabrication programs; therefore, K-TIP data is not available.

The proposed program will blend skill sets from various existing programs into a complete program that matches industry needs. Existing faculty from Industrial Automation, Aviation/Composites, Machining, Welding, and Design/Precision Instrumentation will be utilized. Each faculty member has relevant industry experience, education, and teaching experience.

WSU Tech plans to begin the proposed Tooling and Fixture Fabrication program in the fall of 2021. The college estimates the initial cost of the proposed program at approximately \$209,004 (\$33,040 salaries, \$122,270 equipment, \$20,395 tools and supplies, \$7,939 instructional supplies and materials, \$25,360 technology and software). Existing space at the National Center for Aviation Training campus will be utilized. The remaining program costs will be covered with JIIST grant funds received from the Kansas Department of Commerce. Bruce Fritz, Associate Dean of Manufacturing, will assume responsibility for the proposed program.

The proposed program was subject to the 10-day comment period from February 19, 2021 to March 4, 2021 during which no formal comments were received.

### **Recommendation**

The new program request submitted by WSU Tech for a technical certificate C at 50 credit hours and associate of applied science degree in Tooling and Fixture Fabrication has been reviewed by the Program and Curriculum Committee and is recommended for approval.

## Excel in Career Technical Education (CTE) Fees

### Summary

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

### Background

K.S.A 72-3810 states:

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

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

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

As per the Postsecondary Technical Education Authority’s (TEA) request, on Thursday, December 19, 2019, representatives from community colleges, technical colleges, and Board staff met to set guidelines for fees associated with Excel in CTE courses and programs. As a result of this meeting, agreed upon allowable fees include items/services students take with them and industry-specific fees required for entrance/acceptance into the program. The TEA approved this methodology at their February 27, 2020 meeting.

#### Allowable fees include:

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

#### Unallowable fees include:

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

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

KBOR Excel in CTE Fee Summary for Proposed Academic Programs

CA-1b Form (2020)

*Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval.*  
 Please include all costs charged to **high school students** for the proposed new program.

<b>Institution Name:</b>	Cowley College
<b>Program Title:</b>	Carpentry/Construction Trades
<b>Program CIP Code:</b>	46.0201

<i>Please list all fees associated with this <b>program</b>: Only list costs the institution <b>is</b> charging students.</i>		
Fee	Short Description	Amount
OSHA 10	Testing and certification fee	\$ 25.00
NCCER Core	Testing and certification fee	\$ 90.00

<i>Please list all courses within the program and any fees associated to those <b>courses</b> : Only list costs the institution <b>is</b> charging students. Do not duplicate expenses.</i>		
Course ID	Short Description	Amount
INR3718	OSHA 10	
INR3725	Textbooks TBD	*
AGR1285	Textbooks TBD	*
CST3241	Textbooks TBD	*
CST3243	Textbooks TBD	*
CST3235	Textbooks TBD	*
CST3236	Textbooks TBD	*
CST3237	Textbooks TBD	*
CST3238	Textbooks TBD	*
CST3239	Textbooks TBD	*
CST3240	Textbooks TBD	*
CST3242	Textbooks TBD	*
CST3244	Textbooks TBD	*
CST3245	Textbooks TBD	*
CST3246	Textbooks TBD	*
	Approximate Textbooks costs TBD for Program	300.00*

<i>Please list items the student will need to purchase on their own for this program: Institution <b>is not</b> charging students these costs, rather students are expected to have these items for the program.</i>		
Item	Short Description	Estimated Amount
Hammer	Basic hammer	\$ 15.00
Hard Hat	Industry standard hard hat	\$ 15.00
Safety Glasses	Standard industrial safety glasses	\$ 4.50
Carpenters pencil	Standard carpenters pencil	\$ 1.00

## KBOR Excel in CTE Fee Summary for Proposed Academic Programs

CA-1b Form (2020)

Pliers Set	Standard pliers, wire cutter, and channel locks	\$ 20.00
Screw driver Set	Assorted set of different types	\$ 20.00
Safety toe boots	Student's choice	\$ 50.00
Work gloves (2 pair)	Prefer leather, but any that meets industry standard	\$ 20.00
Basic Pocket knife	Sturdy rugged designed	\$ 10.00
Utility knife	Basic box blade design	\$ 5.00



KBOR Excel in CTE Fee Summary for Proposed Academic Programs  
CA-1b Form (2020)

*Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval.  
Please include all costs charged to **high school students** for the proposed new program.*

<b>Institution Name:</b>	Garden City Community College
<b>Program Title:</b>	Computer Support Specialist
<b>Program CIP Code:</b>	11.1006

*Please list all fees associated with this **program**:  
Only list costs the institution **is** charging students.*

<b>Fee</b>	<b>Short Description</b>	<b>Amount</b>
		\$0

*Please list all courses within the program and any fees associated to those **courses** :  
Only list costs the institution **is** charging students. Do not duplicate expenses.*

<b>Course ID</b>	<b>Short Description</b>	<b>Amount</b>
		\$0

*Please list items the student will need to purchase on their own for this program:  
Institution **is not** charging students these costs, rather students are expected to have these items for the program.*

<b>Item</b>	<b>Short Description</b>	<b>Estimated Amount</b>
		\$0

KBOR Excel in CTE Fee Summary for Proposed Academic Programs  
CA-1b Form (2020)

*Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval. Please include all costs charged to **high school students** for the proposed new program.*

**Program Title:** Automation Engineer Technology

**Program CIP Code:** 15.0406

*Please list all fees associated with this program: Only list costs the institution **is** charging students.*

<b>Program Fee</b>	<b>Short Description</b>	<b>Amount</b>
AMFT 0250	Graduation fee	\$ 20.00

*Please list all courses within the program and any fees associated to those courses: Only list costs the institution **is** charging students. Do not duplicate expenses.*

<b>Course Fee</b>	<b>Short Description</b>	<b>Amount</b>
AMFT 0100	OSHA 10, test and workbook	\$ 25.00
AMFT 0130	GMAW (MIG Welding) Tooling U	\$ 99.00
AMFT 0108	Machinist 1; textbook	\$ 115.00
AMFT 0101	AC/DC Circuits: textbook (\$100), tool kit to include electric meter \$150)	\$ 250.00
AMFT 0121	Programmable Logic Controllers	\$150.00
AMFT 0115	AutoCAD Concepts, textbook	\$150.00
AMFT 0131	Actuators & Sensors Systems, textbook	\$110.00
AMFT 0160	Total Productive Maintenance (TPM), textbook	\$95.00
AMFT 0170	TQM and Lean Manufacturing Principles, textbook	\$150.00
AMFT 0141	Industrial Robotics, textbook	\$150.00
AMFT 0230	Project Design & Documentation (Practicum), project management textbook and supplies	\$100.00
AMFT 0240	Industrial Systems Integration, textbook	\$150.00

*Please list items the student will need to purchase on their own for this program: Institution **is not** charging students these costs, rather students are expected to have these items for the*

<b>Item</b>	<b>Short Description</b>	<b>Estimated Amount</b>

*Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval.  
Please include all costs charged to **high school students** for the proposed new program.*

<b>Institution Name:</b>	Neosho County Community College
<b>Program Title:</b>	Dietary Manager
<b>Program CIP Code:</b>	51.3103

<i>Please list all fees associated with this <b>program</b>: Only list costs the institution <b>is</b> charging students.</i>		
<b>Fee</b>	<b>Short Description</b>	<b>Amount</b>
Uniform	Dietary Manager Apron	\$ 20.00

<i>Please list all courses within the program and any fees associated to those <b>courses</b> : Only list costs the institution <b>is</b> charging students. Do not duplicate expenses.</i>		
<b>Course ID</b>	<b>Short Description</b>	<b>Amount</b>
DIET 102	Textbook: Nutrition Fundamentals and Medical Nutrition Therapy	\$ 140.00
DIET 104	Textbook: Foodservice Management - By Design	\$ 145.00

<i>Please list items the student will need to purchase on their own for this program: Institution <b>is not</b> charging students these costs, rather students are expected to have these items for the program.</i>		
<b>Item</b>	<b>Short Description</b>	<b>Estimated Amount</b>

# KBOR Excel in CTE Fee Summary for Proposed Academic Programs

CA-1b Form (2020)

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

*Please include all costs charged to **high school students** for the proposed new program.*

<b>Institution Name:</b>	WSU Tech
<b>Program Title:</b>	Unmanned Aircraft Systems
<b>Program CIP Code:</b>	49.0199

*Please list all fees associated with this **program**:*  
*Only list costs the institution **is** charging students.*

Fee	Short Description	Amount
	There are no fees associated at the program level	

*Please list all courses within the program and any fees associated to those **courses** :*  
*Only list costs the institution **is** charging students. Do not duplicate expenses.*

Course ID	Short Description	Amount
UAS 105	Fundamentals of Drone Technology	\$ -
UAS 110	AC/DC	\$ -
UAS 115	Ground School	\$ -
UAS 120	Communication/Navigation	\$ -
UAS 125	GIS I	\$ -
UAS 130	MultiRotor I	\$ -
UAS 135	Flight Planning	\$ -
UAS 140	MultiRotor II	\$ -
UAS 145	GIS II	\$ -
UAS 150	Photogrammetry	\$ -
UAS 155	Sensor Packages	\$ -
UAS 160	Design and Programming	\$ -
UAS 165	FixedWing UAS Flight	\$ -
UAS 173	UAS Capstone	\$ -
UAS 175	UAS Internship	\$ -
PRV 105	Blueprint for Personal Success	\$ 30.00
	15 credits of General Education	\$ 123.00

*Please list items the student will need to purchase on their own for this program:*  
*Institution **is not** charging students these costs, rather students are expected to have these items for the program.*

Item	Short Description	Estimated Amount
	There are no other costs	

*Per statute (K.S.A. 72-3810), the Kansas Board of Regents shall establish general guidelines for tuition and fee schedules in career technical education courses and programs. The Excel in CTE tuition and fee schedule of every technical education program shall be subject to annual approval.*  
 Please include all costs charged to **high school students** for the proposed new program.

<b>Institution Name:</b>	Wichita State University Campus of Applied Sciences and Technology
<b>Program Title:</b>	Logistics and Supply Chain Management
<b>Program CIP Code:</b>	52.0203

<i>Please list all fees associated with this <b>program</b>: Only list costs the institution <b>is</b> charging students.</i>		
Fee	Short Description	Amount
	<i>There are no fees associated with this program</i>	

<i>Please list all courses within the program and any fees associated to those <b>courses</b> : Only list costs the institution <b>is</b> charging students. Do not duplicate expenses.</i>		
Course ID	Short Description	Amount
LGM 101	Principles of Logistics and Supply Chain Management	N/A
LGM 102	Inventory Control	N/A
LGM 103	Contracts and Freight Claims	N/A
LGM 104	Computerized Logistics	N/A
LGM 105	Warehouse Management	N/A
LGM 106	Transportation and Traffic Management	N/A
LGM 107	Introduction to Purchasing	N/A
LGM 108	International Logistics	N/A
BUS 104	Introduction to Business	N/A
OPM 115	Introduction to Project Management	N/A
LGM 190	Logistics and Supply Chain Internship	N/A
LGM 196	Independent Study in Logistics and Supply Chain Management	N/A
PHL 110	Ethics	\$123.00
PDV 105	Blueprint for Personal Success	N/A
	9 credits Electives	N/A
	15 credits general education	\$ 1,845.00

<i>Please list items the student will need to purchase on their own for this program: Institution <b>is not</b> charging students these costs, rather students are expected to have these items for the</i>		
Item	Short Description	Estimated Amount
	N/A	

## **Election of TEA Officers Reminder**

### **Summary**

*This is a reminder that at the May 27, 2021 meeting, Technical Education Authority (TEA) members will need to elect a Chair and Vice-Chair to serve for academic year 2022 (AY22).*

*03/25/2021*

### **Background**

The TEA's election for AY22 Chair and Vice-Chair is scheduled to occur May 27, 2021. Please let Chair Frederick and/or Vice President Smathers know if you have an interest in serving in one of these roles, or if there is someone you would like to nominate.

## TEA Budget Request for FY 2023

### Summary

*Every year the Technical Education Authority (TEA) is asked to recommend funding requests from the Legislature for the upcoming year's budget. These requests need to be ranked in order of importance and will be considered along with the recommendations provided by the universities, community colleges, technical colleges, Kansas Board of Regents (KBOR) staff, and the Board of Regents (Board) itself.*

03/25/2021

### Background

During the Board of Regents' retreat each year, the Board discusses what funding requests they should ask the Legislature to consider. The Board will discuss its FY 2023 unified budget request at their retreat in August 2021. As part of this process, the Board gathers input from various entities to ensure they are considering all requests and to see if there might be a consensus among the groups.

Last year, the TEA requested that funding for the two-year sector remain at levels that have been budgeted for FY 2021 which included \$37.55 million for Excel in CTE, \$60,967,448 in Tiered funding, and \$79,995,039 in Non-Tiered funding. Reasons provided for this recommendation were to ensure that the colleges would be able to:

- Train essential workers for companies within Kansas
- Upskill recently furloughed individuals
- Support the rural workforce needs
- Provide affordable postsecondary education in these challenging economic times

### Recommendation

The TEA does not need to finalize its Legislative funding request recommendations for the Board until the May 2021 meeting. However, Board staff recommends that discussions occur during the April 29, 2021 meeting so questions and priorities can be identified, and a draft proposal created for final TEA review at the May 2021 meeting.

## Review of TEA Goals for 2020-2021

### Summary

*During the September 24, 2020 Technical Education Authority's (TEA) Strategy Session, several items were discussed and the following emerged as the TEA goals for 2020-2021. Board staff will provide an update on the status of where we are at in meeting the TEA goals.*

3/25/2021

### TEA Goals 2020-2021

1. Support Kansas Board of Regents 2020-2021 goals and advocate for all public postsecondary institutions
2. Continue extraordinary costs review
3. Evaluate Excel in CTE funding allocation options should the program be underfunded
4. Continue the existing CTE program review process including reviewing those programs that pay less than 250% of the poverty rate
5. Work with Commerce and KSDE in developing definitions, guidelines and processes for work-based learning (apprenticeships, internships, work experience, etc.)
6. Improve CTE program alignment between KSDE and the postsecondary institutions
7. Raise awareness of CTE programs and information available to students, parents, school districts and businesses

### Committee Focus

#### Budget & Finance Committee

1. Continue extraordinary costs review
2. Evaluate Excel in CTE funding allocation options should the program be underfunded

#### Advocacy & Marketing Committee

1. Raise awareness of CTE programs and information available to students, parents, school districts and businesses

#### Technical Program & Curriculum Committee

1. Continue the existing CTE program review process including reviewing those programs that pay less than 250% of the poverty rate
2. Work with Commerce and KSDE in developing definitions, guidelines and processes for work-based learning (apprenticeships, internships, work experience, etc.)
3. Improve CTE program alignment between KSDE and the postsecondary institutions

### Board Goals 2020-2021

#### Helping Kansas Families

1. Improve academic program transfer by creating a systemwide general education (GE) package to align programs under a common framework that guarantees seamless transfer and evaluate the pilot program that increased the number of credit hours eligible for transfer.
2. Review the 60 low-enrollment programs at the six state universities to assess program viability and strengthen the efficiency of degree program inventories.
3. Review university, community college and technical college plans and best practices to improve college going rates, retention rates, and graduation rates of students from underrepresented populations.
4. Promote simplicity, transparency, and degree completion by exploring tuition rate strategies for resident and non-resident students attending the state universities.
5. Develop a comprehensive plan to finance deferred maintenance of public institutions of higher education facilities to be presented to the 2021 Legislature.



#### Advancing Economic Prosperity

6. Establish five- and ten-year systemwide objectives within Building a Future by leveraging individual university strengths into the creation of direct jobs and direct investments from beyond the state borders into Kansas.

#### Governance

7. Develop Board guidance on free speech and civil debate at state universities.

## **Legislative Update**

### **Summary**

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

*3/25/2021*

### **Intent**

Director Casey will provide the TEA with a legislative update.