

Postsecondary Technical Education Authority
AGENDA
Kansas Board of Regents
1000 SW Jackson, Suite 520, Topeka, KS
10:00 AM - THURSDAY, October 26, 2017

I. CALL TO ORDER

- A. Approve Previous Minutes (August 24, 2017) 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

III. APPROVAL OF CONSENT AGENDA

- A. Advocacy and Marketing Committee Committee Chair Estes
 - Governor Proclamation for CTE Month

IV. CONSIDERATION OF DISCUSSION AGENDA

- A. Advocacy and Marketing Committee Committee Chair Estes
 - TEA College Assignments Vice President Smathers
- B. Budget and Finance Committee Committee Chair Gann
 - Budget Update Vice President Frisbie
- C. Technical Program and Curriculum Committee Committee Chair R. Johnson
 - Program Approval Process Amendments Director Henry
 - New Programs:
 - Kansas City Kansas Community College
Biomufacturing (41.0303) - Technical Certificate A/16 credit hours
 - Labette Community College
Welding (48.0508) - Associate of Applied Science/64 credit hours; Technical Certificate B/32 credit hours; and Technical Certificate A/16 credit hours
 - Salina Area Technical College
Practical Nursing (51.3901) - Technical Certificate C/46 credit hours

V. OTHER MATTERS

- A. TEA Strategic Planning Session Summary Vice President Smathers
B. Kansas Training Information Program (K-TIP) Associate Director Chambers
C. Grant Opportunities Senior Director Beene
D. KS Department of Commerce Update Director Hancock

VI. COLLEGE PRESENTATIONS

President Sopcich: Johnson County CC
President Burks: North Central Kansas TC

VII. NEXT MEETING REMINDER (Thursday, December 7, 2017)

Chair Frederick

VIII. ADJOURNMENT

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

The August 24, 2017 meeting of the Kansas Postsecondary Technical Education Authority (TEA) was held at the Kansas Board of Regents, 1000 SW Jackson Street, Suite 520, Topeka, Kansas.

Members Present

Ray Frederick Jr., Chair	Debbie Gann
Rita Johnson	Eddie Estes
Nick Jordan/ (Mike Beene)	Mike Johnson
Randy Watson/ (Stacy Smith)	Bruce Akin

Members Absent

Joe Glassman
Dong Quach
Lana Gordon

Others Represented

Hutchinson Community College	Dodge City Community College
Johnson County Community College	Cowley Community College
North Central Kansas Technical College	Seward County Community College
Colby Community College	Salina Area Technical College
Manhattan Area Technical College	Kansas City Kansas Community College
Pratt Community College	Fort Scott Community College
Butler County Community College	Neosho County Community College

Kansas Board of Regents Staff Present

Scott Smathers	Connie Beene
April Henry	Charmine Chambers
Laura Leite	Pam Greene
Susan Henry	Susan Hancock
Sue Grosdidier	Tobias Wood

The meeting was called to order by Chair Frederick at 10:02 A.M.

AMENDMENT TO AGENDA

Chair Frederick informed the TEA that Independence Community College President Dan Barwick is unable to attend the meeting today. Butler Community College President Kim Krull will be presenting the report from the community colleges and attending the Strategic Planning meeting in his place. Item VI. of the Agenda, which was to be a report from President Barwick, is stricken from today's meeting.

Motion: Member M. Johnson moved to approve the changes to the Agenda. Following a second by Member Akin, the motion carried.

APPROVAL OF MINUTES

Motion: Member Estes moved to approve the minutes of May 25, 2017. Following a second by Member R. Johnson, the motion carried.

REPORTS

Introductions

Chair Frederick introduced new TEA Members Stacy Smith for Randy Watson from Kansas Department of Education and Mike Beene for Nick Jordan from Kansas Department of Commerce.

Chair Frederick recognized KBOR Senior Director for Career Technical and Adult Education Beene to introduce KBOR's new High School Equivalency State Administrator, Sue Grosdidier.

Chair's Report

Chair Frederick thanked KBOR staff for their ongoing commitment. Chair Frederick reported that in June he presented a TEA update to the Board of Regents. In late June, Vice President Smathers met with Chair Frederick to discuss TEA appointments, committee assignments and priorities, and they met again in early August to continue discussions. On August 10, 2017, Chair Frederick and Vice Chair Gann made a presentation to KBOR at their retreat. A summary of the retreat will be shared with members as part of today's agenda.

On July 28, 2017, Chair Frederick reported to the TEA that a news release recognized Member Mike Johnson, Barton Community College Board of Trustees Chair, as the recipient of the Western Regional Trustees Leadership Award by the Association of Community College Trustees.

Member Liaison Reports

Member Estes reported that he met with Senator Roberts and his staff last week communicating concerns including Senate decisions on Carl Perkins funding this year. Member Estes shared that several companies and schools are participating October 12, 2017 in the high school Ag Career Day at the 3i Show, which is a great opportunity for students. Member Estes reminded members that the Workforce Summit is coming up in January,

Chair Frederick recognized Vice Chair Gann, who reported that earlier this month she attended the unveiling of a new mobile STEM lab at Wichita Area Technical College, which is a joint venture with Westar Energy, Spirit AeroSystems, Koch Industries and Textron Aviation. The mobile lab will travel to schools across the state, targeting middle school and high school students, allowing them to have hands-on inter-active learning in high-demand technical fields.

Chair Frederick recognized Member Akin, who shared that on August 29, 2017, he will attend the opening of a new Lineman training facility in Wichita. This facility is a joint venture involving Westar Energy, Pratt Community College, Wichita Area Technical College and USD 259 in Wichita, and hopes to spark interest in students as they strive to develop a talent pipeline.

Chair Frederick asked Vice Chair Gann to share details of the Spirit AeroSystems internship program, that was modified this year to include high school students, at the urging of the Mayor of Wichita and Workforce Alliance. Students were paired with mentors for instruction and the program was a great

success in stirring interest and conversation in the community. They hope that the program will expand next year.

Vice President for Workforce Development Report

Vice President Smathers reported that he will visit the 2 year campuses again this year. Vice President Smathers also shared that the KTIP report has been distributed for discussions in October. Perkins funding is in the Senate for approval and upon passing, a new state plan will be required. The Adult Ed RFPs were awarded in May and WIOA implementation has begun. Federal reports are due in mid-October. A Program Review Process Committee was formed to prepare a plan to speed up and standardize the process. The plan was just completed and is with the college Presidents for review and then will be forwarded to the TEA for approval. A Data Review Committee was formed in July, and their objective is to simplify and streamline data collection. Vice President Smathers did point out that there are numerous reports that are federally required, and while KBOR asks for them, its role is to assist colleges with these required reports. Hopefully colleges will see benefits from this committee's work next year.

Report from the Community Colleges

Chair Frederick recognized Butler Community College President Krull, standing in for Independence Community College President Barwick, who provided a report and update on activities from the community colleges including expanding technical programs in partnership with local businesses, expanding GED programs and revising curriculums. She also shared concerns regarding funding and restoring the 4% cut in funding.

Report from the Technical Colleges

Chair Frederick recognized North Central Kansas Technical College President Burks, standing in for Northwest Kansas Technical College President Schears, who provided a report and update on activities from the technical colleges including national recognition for top graduation and growth rates. He also shared concerns regarding funding and fully funding the model.

CONSIDERATION OF DISCUSSION AGENDA

Budget and Finance Committee

State Innovative Technology Internship Grant

Chair Frederick recognized KBOR Senior Associate Director Leite to present the State Innovative Technology Internship Grant requests for approval by the TEA as follows:

\$1,000 Flint Hills Technical College for Instructor Deborah Illk

Project: Instructor will utilize grant funds to gain a more in-depth knowledge of dental lab procedures. This will allow the instructor to better teach skills required in the field, gain a deeper understanding of laboratory materials used in dentistry and learn alternative methods of laboratory procedures. The internship will also result in an expanded knowledge of the business aspect of a dental lab. The required business/industry match for this project will be met by a donation of training time. The internship will be completed at Butts Dental Lab in Emporia, KS.

Motion: Member Gann moved to approve the State Innovative Technology Internship Grant request by Flint Hills Technical College as presented by Associate Director Leite. Following a second by Member Akin, the motion carried.

OTHER MATTERS

TEA Organizational Structure and Responsibilities

Chair Frederick recognized Vice President Smathers who shared the KBOR Workforce Development organization structure and staff responsibilities

Apprenticeship Program Discussion

Chair Frederick recognized Member R. Johnson to share the Technical Program and Curriculum Committee discussions. Committee Chair R. Johnson reported that on August 10, 2017, a small workgroup met at WATC including representatives from Cowley Community College, Hutchinson Community College, Manhattan Area Technical College, Wichita Area Technical College, Member Estes via conference call, KBOR staff Director Henry and Associate Director Chambers regarding Apprenticeship Programs and degrees. The group discussed how apprenticeships are different from internships and work study programs. The group reviewed and discussed guidelines from the Department of Labor and Department of Commerce on their standards for registered apprenticeships, as well as information provided by the Higher Learning Commission and US Department of Education on their approval guidelines. It was noted that there is a registered apprenticeship college consortium framework that higher education institutions can utilize to partner with registered apprenticeships to help those in a program attain a college degree. The group discussed the requirements and the framework and would support it going forward. The group made preliminary recommendations that include recommendation that KBOR should not approve or publish apprenticeship degrees for institutions that don't provide the specific technical content. HLC has issue with content not being delivered by institutions. The group also considered ways to improve the parameters of the A.A.S. in Technical studies and the potential use of another more generic type degree being the A.A.S. in Customized Corporate Studies as a way for institutions to collaborate with business and industry for more students to get a degree. The recommendations are with the Technical Program and Curriculum committee for review, and will be sent out for institution comment soon. Upon review of the institution comments, the committee will then forward their recommendation to the TEA at the October meeting.

Kansas Center for Career & Technical Education

Chair Frederick recognized Dr. Belcher with Pittsburg State University to present the Kansas Center for Career and Technical Education. Dr. Belcher delivered a PowerPoint presentation outlining the accomplishments of the Kansas Center for Career and Technical Education in supporting CTE programs in the state. The primary focus of the center is to further develop and support CTE teachers at both the secondary and post-secondary levels through resources, workshops, mentoring and coursework.

Kansas Board of Regents Retreat Summary

Chair Frederick and Vice Chair Gann gave a report on their attendance at the KBOR Retreat August 10, 2017. Chair Frederick reported that he believes TEA participation in the Retreat strengthened the relationship between the TEA and KBOR, and that KBOR expressed appreciation for the work of

community colleges and technical colleges, acknowledging their awareness of the skills gap in our state. KBOR expressed support on the concerns regarding funding and will be advocates for our institutions with the Legislature. Chair Frederick reported that he communicated the TEA priorities and strategies of this past year with KBOR. Vice Chair Gann agreed that the attendance was a positive experience and reported that discussions included further TEA assistance to KBOR in making recommendations. Vice President Smathers added that specific areas of TEA priorities shared with KBOR included the renewal of the Carl D. Perkins program and subsequent new state plan required upon its approval, the Military Articulation program with a new website for institution use, and the active reviewing of the program approval and data processes.

2017 – 2018 COMMITTEE ASSIGNMENTS

Chair Frederick presented the 2017-2018 committee assignments. Chair Frederick thanked Member Gann for accepting the Chair position in the Budget and Finance Committee and Member R. Johnson for accepting the Chair position in the Technical Program and Curriculum Committee. Member Glassman was requested to serve as the Chair of the Advocacy and Marketing Committee and is checking on availability.

COLLEGE PRESENTATIONS

Removed from the Agenda due to Independence Community College President Barwick absence.

2017-2018 MEETING CALENDAR

Chair Frederick presented the 2017-2018 meeting calendar. Chair Frederick reminded that the next TEA meeting will be September 28, 2017 at 10:00 AM via conference call.

ADJOURNMENT

Motion: Member M. Johnson moved to adjourn the morning session of the TEA meeting. Following a second by Member R. Johnson, the motion carried. Chair Frederick reminded that the TEA Strategic Planning and Goals meeting will be held in the KBOR Kathy Rupp Conference Room following lunch at 12:10 PM. Chair Frederick adjourned the morning meeting at 11:34 AM.

CALL TO ORDER (Kathy Rupp Conference Room)

Strategic Planning & Goals

Member Quach arrived at 12:30 PM

Member Akin left the meeting at 12:50 PM

Member Gann left the meeting at 2:00 PM

Chair Frederick called the Strategic Planning session to order at 12:12 PM. Chair Frederick requested that Vice President Smathers lead the discussions. Vice President Smathers provided a list of discussion items as well as a proposed Strategic Priority list and Workforce Development Goals for review. Input was heard from TEA members, Butler Community College President Krull, North Central Kansas Technical College President Burks, Salina Area Technical College President Nichols and Pratt Community College

President Calvert. Vice President Smathers informed TEA members that he would prepare a summarization of the discussions for their review.

ADJOURNMENT

Chair Frederick adjourned the afternoon session of the TEA meeting at 2:20 PM.

Respectfully submitted by:
Susan Henry, Executive Assistant

Governor Proclamation for Career Technical Education Month

Summary

During the 2016-2017 Academic Year, the Advocacy and Marketing Committee developed a variety of ideas to advocate and market Career and Technical Education in Kansas. Of the ideas proposed, a Governors Proclamation for Career Technical Education Month was encouraged by the Advocacy and Marketing Committee.

10/26/2017

Proclamation Guidelines

Proclamations are provided by Governor Brownback's Office as a courtesy to Kansas residents. The goal of a proclamation is to honor and celebrate events or to increase awareness of significant issues of importance to Kansans. These public service documents are strictly honorary and are not legally binding. All proclamations will be reviewed on a case-by-case basis. The Governor's Office reserves the right to decline any request for a proclamation or to make exception to the following guidelines:

Policy

- Proclamations recognize a day, week, month or year. Proclamations are issued for one date only.
- Proclamations are issued for Kansas nonprofit organizations with preferably statewide, but at least regional, interest.
- The issuance of a proclamation does not constitute an endorsement by the Governor.
- No proclamations may be used as part of an advertisement or commercial promotion without express permission from the Governor's Office.
- Any draft language provided may be edited or rewritten at the discretion of the Governor's Office.
- Only three official, signed copies of any proclamation can be issued per group.

Criteria

- Must be requested or endorsed by a Kansas citizen. Out-of-state requests will be declined.
- May not be individualized or specialized. Proclamations are not issued in honor of people unless specifically approved by the Governor.
- Must not duplicate other requests. Requests that are similar to already issued proclamations will be declined.

Making your request

- Must submit your request in writing. Requests may be completed online or mailed to the following: Office of the Governor, Constituent Services; State Capitol, Second Floor; Topeka, KS 66612-1590. Be sure to include all contact information, including a mailing address and telephone number.
- Your written request must be accompanied by a draft of the proclamation.
- You are strongly encouraged to submit your request 6-8 weeks in advance of your requested date. Requests will be accepted no more than six months in advance. If less than two weeks notice is given, the Governor's Office reserves the right to decline.
- Must indicate your preference: Official signing ceremony with Governor Brownback, or Issuance of Proclamation by mail.

Signing Options

1. Official Signing Ceremony: You may request to be present at an official signing ceremony with the Governor. At least one proclamation ceremony is scheduled each month. Due to security purposes, group sizes are strictly limited to 10 people. No exceptions will be made.
2. Issuance of proclamation by mail: You may request to have your proclamation signed and mailed to your specified address.

Recommendation

The Technical Education Authority's Advocacy and Marketing Committee recommends moving forward with requesting a Governors Proclamation for Career and Technical Education Month (February).

TEA Member College Assignments

Summary

During the 2017-2018 Strategic Planning Session in August, TEA members discussed assigning each appointed member (excludes ex-officio members) specific institutions with the hope of improving communication and institutional awareness. 10/26/2017

Intent

In the TEA strategic planning session, it was recommended that appointed TEA members be assigned to individual colleges with the hope of increasing communications and building better working relationships. The general feeling was that often TEA meetings do not provide the opportunity for participants to really learn about issues, concerns, or perceptions that may exist. By assigning institutions to each appointed TEA member, the thought is that greater opportunity will exist for in-depth discussions and a more thorough understanding between both parties. This suggestion was taken up by the Advocacy & Marketing Committee and they are recommending the attached member assignments. In addition, expectations have been recommended to ensure every college has the opportunity for direct discussions with the TEA members.

Expectations

1. TEA members should visit their assigned institutions at least one time during the AY calendar year to familiarize themselves with the programs that are offered and learn about the challenges the institutions are facing.
2. Verbal and/or written reports should be given at TEA meetings summarizing their visit
3. At least every six (6) months the TEA member should meet with or speak with the assigned institution president to stay current on specific issues relating to the college.

Recommendation

The Technical Education Authority's Advocacy & Marketing Committee recommends moving forward with the member assignments and associated expectations.

TEA MEMBER INSTITUTION VISITS

EDDIE ESTES

Dodge City CC
Garden City CC
Seward County CC

RITA JOHNSON

Cowley County CC
Independence CC
Coffeyville CC

DONG QUACH

Highland CC
Kansas City Kansas CC
Johnson County CC

RAY FREDERICK

Labette CC
Neosho CC
Fort Scott CC

MIKE JOHNSON

Barton CC
Pratt CC
North Central TC

JOE GLASSMAN

Northwest Kansas TC
Colby CC
Cloud CC

DEBBIE GANN

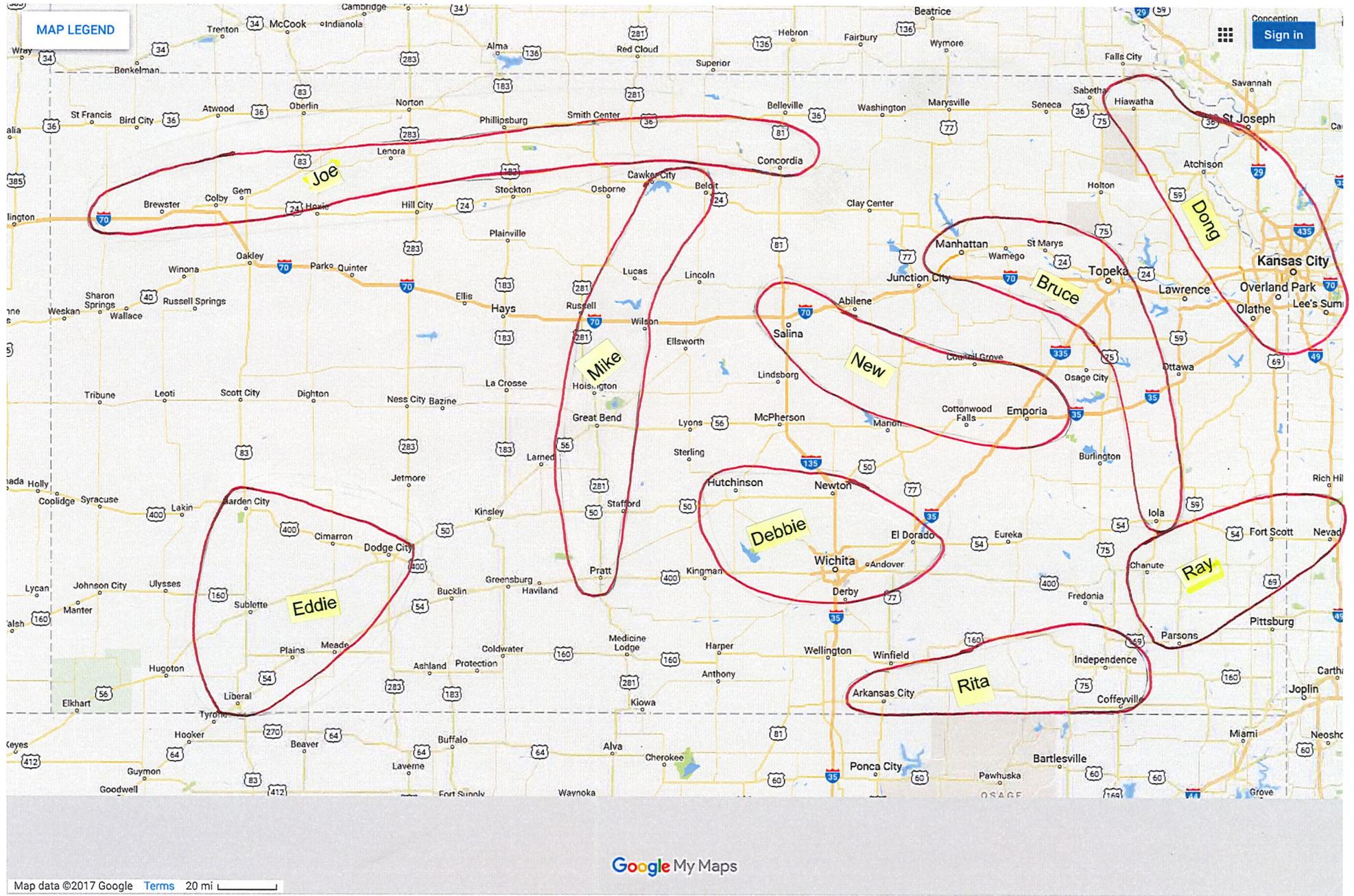
Wichita Area TC
Hutchinson CC
Butler CC

BRUCE AKIN

Washburn TC
Manhattan TC
Allen CC

NEW

Flint Hills TC
Salina Area TC



TEA Budget Update

Summary

With the new AY year and with the legislative session starting in a couple of months, KBOR has been busy identifying priorities for the upcoming year. In addition, staff has been involved with the two-year sector regarding restoration of funding as defined in the 2019 proposed state budget. 10/26/2017

With the new AY starting in July and the latest supreme court ruling there will most likely be financial implications for KBOR and our associated institutions. KBOR still intends to lobby for additional state support and is working with the institutions to formulate a cohesive plan to hopefully simplify and standardize our message.

KBOR Legislative Priorities

Unified State Appropriation Request

1. Restoration of State Investment in the Postsecondary Education System

The Board of Regents has indicated its most important budget priority is to advocate for full restoration of the 4.0 percent allotment imposed by the Governor at the start of FY 2017 and most of which remains in place for FY 2019.

Other Key Proposals

1. Full Funding of Secondary Students Enrolled in the Excel in CTE Program - \$4,000,000 ongoing state support

Beginning in FY 2013, state funds have been invested for career and technical education (CTE) to encourage high school students to enroll in college-level CTE courses and earn industry-recognized credentials. The 2017 Legislature appropriated \$20.75 million for the program, and as enrollments are reported for the current year, supplemental funding may need to be requested. In order to ensure there are sufficient funds for tuition, the Postsecondary Technical Education Authority and the Board of Regents both recommend \$4.0 million to keep the amount available to meet student demand.

2. Emporia State Department of Nursing - \$535,000 ongoing state support

Emporia State University's Department of Nursing offers a four-year baccalaureate program awarding the Bachelor of Science in Nursing degree, with a generic track, LPN-BSN track, and RN-to-BSN track available. ESU seeks to ensure the nursing program's future viability by continuing the state appropriation provided by the 2017 Legislature, with an on-going \$535,000 appropriation from the State General Fund starting in FY 2019.

FY 2019 Restoration Discussions

In FY 2019 the State has budgeted to return approximately 0.4% (\$500,000) of the 4% cut from two years ago to the two-year sector. The community colleges have unanimously asked that these funds be returned pro rata as they were deducted, while the technical colleges have requested the same by a majority of five to two (letters attached).

However, while there are no rules for how the non-tiered funds should be returned, the legislators put a proviso within the budget (attached) as it relates to the tiered funds which says:

Provided, That if the amount of moneys appropriated for the above agency for the fiscal year ending June 30, 2019, in the postsecondary tiered technical education state aid account is greater than the amount of moneys appropriated for the above agency for the fiscal year ending June 30, 2018, in the postsecondary tiered technical education state aid account, then the difference between the amount of moneys appropriated for the fiscal year 2019 and the amount of moneys appropriated for the above agency for the fiscal year 2018 shall be distributed based on each eligible institution's

calculated gap, according to the postsecondary tiered technical education state aid act, K.S.A. 2016 Supp. 71-1801 through 71- 1810, and amendments thereto, as determined by the state board of regents: *Provided further*, That no eligible institution shall receive an amount of money from the postsecondary tiered technical education state aid account in fiscal year 2019 that is less than the amount such eligible institution received from such account in fiscal year 2018, unless the amount of moneys appropriated for the above agency for fiscal year 2018 in the postsecondary tiered technical education state aid account for fiscal year 2019 is less than the amount of moneys appropriated for the above agency for fiscal year 2018 in the postsecondary tiered technical education state aid account: *And provided further*, That if the amount of moneys appropriated for the above agency for fiscal year 2019 is less than the amount of moneys appropriated for the above agency for fiscal year 2018 in the postsecondary tiered technical education state aid account, then each eligible institution shall receive an amount of moneys as determined by the state board of regents.

Based on this proviso, our attorneys and legislative liaison have determined that as this bill is written, it allows us to return the non-tiered portion pro rata, but the tiered portion must be returned using our formula. A document showing the impact of this is attached.

Recommendation

The two-year sector has asked whether KBOR will oppose efforts on their part to get the proviso changed before FY 2019 and have been told “no”. It is staff’s recommendation that the TEA neither support nor oppose any efforts by the two-year sector to change the proviso as it relates to the FY 2019 budget if they choose to do so.

Kansas work-study program (561-00-1000-2000)	\$496,813
<i>Provided</i> , That any unencumbered balance in the Kansas work-study program account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019: <i>Provided further</i> , That the state board of regents is hereby authorized to transfer moneys from the Kansas work-study program account to the Kansas career work-study program fund of any institution under its jurisdiction participating in the Kansas work-study program established by K.S.A. 74-3274 et seq., and amendments thereto: <i>And provided further</i> , That all moneys transferred from this account to the Kansas career work-study program fund of any such institution shall be expended for and in accordance with the Kansas work-study program.	
ROTC service scholarships (561-00-1000-4600)	\$165,335
<i>Provided</i> , That any unencumbered balance in the ROTC service scholarships account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019.	
Military service scholarships (561-00-1000-1310).....	\$460,314
<i>Provided</i> , That any unencumbered balance in the military service scholarships account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019: <i>Provided further</i> , That all expenditures from the military service scholarships account shall be made for scholarships awarded under the military service scholarship program act, K.S.A. 2016 Supp. 74-32,227 through 74-32,232, and amendments thereto.	
Teachers scholarship	
program (561-00-1000-0800)	\$1,147,023
<i>Provided</i> , That any unencumbered balance in the teachers scholarship program account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019.	
National guard educational	
assistance (561-00-1000-1300).....	\$870,869
<i>Provided</i> , That any unencumbered balance in the national guard educational assistance account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019.	
Career technical workforce grant (561-00-1000-2200).....	\$114,075
<i>Provided</i> , That any unencumbered balance in the career technical workforce grant account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019.	
Nursing student scholarship	
program (561-00-1000-4100)	\$217,255
<i>Provided</i> , That any unencumbered balance in the nursing student scholarship program account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019.	
Optometry education program (561-00-1000-1100)	\$107,089
<i>Provided</i> , That any unencumbered balance in the optometry education program account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019.	
Municipal university operating	
grant (561-00-1000-1010)	\$11,543,883
Adult basic education (561-00-1000-0900).....	\$1,398,750
Postsecondary tiered technical education	
state aid (561-00-1000-0760).....	\$56,183,922

Provided, That if the amount of moneys appropriated for the above agency for the fiscal year ending June 30, 2019, in the postsecondary tiered technical education state aid account is greater than the amount of moneys appropriated for the above agency for the fiscal year ending June 30, 2018, in the postsecondary tiered technical education state aid account, then the difference between the amount of moneys appropriated for the fiscal year 2019 and the amount of moneys appropriated for the above agency for the fiscal year 2018 shall be distributed based on each eligible institution's calculated gap, according to the postsecondary tiered technical education state aid act, K.S.A. 2016 Supp. 71-1801 through 71-1810, and amendments thereto, as determined by the state board of regents: *Provided further*, That no eligible institution shall receive an amount of money from the postsecondary tiered technical education state

aid account in fiscal year 2019 that is less than the amount such eligible institution received from such account in fiscal year 2018, unless the amount of moneys appropriated for the above agency for fiscal year 2018 in the postsecondary tiered technical education state aid account for fiscal year 2019 is less than the amount of moneys appropriated for the above agency for fiscal year 2018 in the postsecondary tiered technical education state aid account: *And provided further*, That if the amount of moneys appropriated for the above agency for fiscal year 2019 is less than the amount of moneys appropriated for the above agency for fiscal year 2018 in the postsecondary tiered technical education state aid account, then each eligible institution shall receive an amount of moneys as determined by the state board of regents.

Non-tiered course credit	
hour grant (561-00-1000-0550).....	\$73,721,476
Technology equipment at community colleges and Washburn university (561-00-1000-0500).....	\$382,536

Provided, That the state board of regents is hereby authorized to make expenditures from the technology equipment at community colleges and Washburn university account for grants to community colleges and Washburn university pursuant to grant applications for the purchase of technology equipment, in accordance with guidelines established by the state board of regents.

Vocational education capital	
outlay aid (561-00-1000-0310).....	\$68,722
Tuition waivers (561-00-1000-1650)	\$64,657
Nurse educator grant	
program (561-00-1000-4120)	\$118,12

Provided, That any unencumbered balance in the nurse educator grant program account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019: *Provided further*, That all expenditures from the nurse educator grant program account shall be made for scholarships awarded under the nurse educator service scholarship program act.

Nursing faculty and supplies grant	
program (561-00-1000-4130)	\$1,715,705

Provided, That any unencumbered balance in the nursing faculty and supplies grant program account in excess of \$100 as of June 30, 2018, is hereby reappropriated for fiscal year 2019: *Provided further*, That the state board of regents is hereby authorized to make grants to Kansas postsecondary educational institutions with accredited nursing programs from the nursing faculty and supplies grant program account for expansion of nursing faculty and consumable laboratory supplies: *And provided further*, That such grants shall be either need-based or competitive and shall be matched on the basis of \$1 from the nursing faculty and supplies grant program account for \$1 from the postsecondary educational institution receiving the grant.

Postsecondary technical education	
authority (561-00-1000-0750).....	\$19,076
Tuition for technical education (561-00-1000-0120).....	\$20,750,000

Provided, That, notwithstanding the provisions of any other statute, in addition to the other purposes for which expenditures may be made by the above agency from the tuition for technical education account of the state general fund for fiscal year 2019, expenditures shall be made by the above agency from the tuition for technical education account of the state general fund for fiscal year 2019 for the payment of technical education tuition for adult students who are enrolled in technical education classes while obtaining a GED using the Accelerating Opportunity program: *Provided further*, That, such expenditures shall be in an amount not less than \$500,000.

(b) There is appropriated for the above agency from the following special revenue fund or funds for the fiscal year ending June 30, 2019, all moneys now or hereafter lawfully credited to and available in such fund or funds, except that expenditures shall not exceed the following:

August 22, 2017

Dear CEO Flanders,

On behalf of KACCT's nineteen-member community colleges, I am requesting that the Board of Regents ensure that the funding taken away from our colleges in FY '18 and FY'19, and partially restored in FY '19, is returned to each college in the same manner in which it was taken – across the Board.

Had the 4% cut not occurred, this funding would be with the colleges who were forced to forfeit it. In that vein, this restoration is not "new" funding but is a restoration of funding taken away.

The intent of the legislators and of the proviso was not to hurt any college by taking money away from them.

“...[N]o eligible institution shall receive an amount of money, from the post-secondary tiered technical education state aid account in fiscal year 2019 that is less than the amount such eligible institution received from such account in fiscal year 2018, unless the amount of moneys appropriated for the above agency for fiscal year 2018 in the post-secondary tiered technical education state account for fiscal year 2019 is less than the amount of moneys appropriated for the above agency for fiscal year 2018 in the post-secondary tiered technical education state aid account.” pp 235-236 of HB 2002.

Clearly, the Board of Regents (agency) is not being appropriated less money in 2019 than it was appropriated in 2018 in this account, and thus, this section should control and no institution should receive less funding in 2019 than it received in 2018.

That language exemplifies the intent of the legislators we visited with as this late-night return of about approximately \$500,000 was requested and granted. It was not considered new money, but a restoration of the money already taken from them.

Thank you for your consideration. Please let me know if you will grant our request.

Sincerely,

Linda Fund, Executive Director
KACCT

September 7, 2017

Scott Smathers, VP for Workforce Development
Kansas Board of Regents
Curtis State Office Building
1000 SW Jackson, Street, Suite 520
Topeka, KS 66612-1368

Re: KATC position regarding restoration of previous cuts

Dear Scott:

The Kansas Association of Technical Colleges board of directors has taken a majority position that the partial restoration in fiscal year 2019 of the 4% cut to postsecondary aid should be distributed in the same fashion that it was taken, across the board and in support of its position states the following.

1. KATC submits that the budget proviso related to post-secondary state aid in the FY 18 and 19 budgets as passed the past legislative session is not applicable in this instance and therefore KBOR is not bound by it. The proviso has been carried over through several legislative sessions specifically to address the distribution of new funding expressly intended to significantly close the lingering calculated gap without cutting funding to any institution and to address instances where less funding was received from the legislature.
2. The proviso was not drafted originally, nor intended subsequently, to address the question with which we are all now confronted. How should the partial restoration of the cut be distributed? Fashioning an interpretation of the proviso to force it to apply to a situation never intended or contemplated by policy makers in its adoption is unnecessary.
3. Alternatively, we encourage KBOR to utilize its broad and well-established discretion granted in part in the postsecondary tiered technical education state aid act, K.S.A. 2016 Supp. 71-1803(a) which sets out the authority of the board to distribute state aid:
“... in an amount to be determined by the state board using a credit hour cost calculation model that: (1) Is tiered to recognize and support cost differentials in providing high-demand, high-tech training; (2) takes into consideration target

industries critical to the Kansas economy; (3) is responsive to program growth; (4) takes into consideration local taxing authority for credit hours generated by in-district students; and (5) includes other factors and considerations as deemed necessary or advisable by the state board.” (emphasis added).

The repayment of funds taken by the Governor in his across the board cut need not be problematic. The restoration of a cut in funding, “restoration” being synonymous with “return”, gives a clear path for KBOR to follow. Setting aside the proviso as not applicable and exercising its discretion in the distribution of funds, KBOR should simply return the funds from whence they came and in the same proportion they were taken.

Thank you for considering the views of KATC.

Sincerely,



Steve Kearney
KATC Executive Director

This page is intentionally blank



Historical Summary
Tiered and Non-Tiered State Aid to Colleges
Working Draft

Institution Name	FY 2016			FY 2017 ¹			FY 2018 ²		
	Tiered	Non-Tiered	Total	Tiered	Non-Tiered	Total	Tiered	Non-Tiered	Total
Allen County CC	1,327,682	3,473,421	\$ 4,801,103	1,274,575	3,334,484	\$ 4,609,059	1,274,575	3,334,484	\$ 4,609,059
Barton County CC	3,519,807	4,395,227	\$ 7,915,034	3,379,015	4,219,418	\$ 7,598,433	3,379,015	4,219,418	\$ 7,598,433
Butler CC	4,210,703	10,543,448	\$ 14,754,151	4,042,275	10,121,710	\$ 14,163,985	4,042,275	10,121,710	\$ 14,163,985
Cloud County CC	1,364,544	3,063,686	\$ 4,428,230	1,309,962	2,941,139	\$ 4,251,101	1,309,962	2,941,139	\$ 4,251,101
Coffeyville CC	1,221,618	1,798,887	\$ 3,020,505	1,172,753	1,726,932	\$ 2,899,685	1,172,753	1,726,932	\$ 2,899,685
Colby CC	686,652	1,361,837	\$ 2,048,489	659,186	1,307,364	\$ 1,966,550	659,186	1,307,364	\$ 1,966,550
Cowley County CC	2,522,617	4,410,683	\$ 6,933,300	2,421,712	4,234,256	\$ 6,655,968	2,421,712	4,234,256	\$ 6,655,968
Dodge City CC	1,175,522	1,512,063	\$ 2,687,585	1,128,501	1,451,580	\$ 2,580,081	1,128,501	1,451,580	\$ 2,580,081
Flint Hills Tech Col	1,782,114	481,112	\$ 2,263,226	1,710,829	461,868	\$ 2,172,697	1,710,829	461,868	\$ 2,172,697
Ft. Scott CC	1,508,091	1,933,386	\$ 3,441,477	1,447,767	1,856,051	\$ 3,303,818	1,447,767	1,856,051	\$ 3,303,818
Garden City CC	1,012,931	1,691,376	\$ 2,704,307	972,414	1,623,721	\$ 2,596,135	972,414	1,623,721	\$ 2,596,135
Highland CC	1,833,643	3,984,114	\$ 5,817,757	1,760,297	3,824,749	\$ 5,585,046	1,760,297	3,824,749	\$ 5,585,046
Hutchinson CC	4,025,083	5,104,177	\$ 9,129,260	3,864,080	4,900,010	\$ 8,764,090	3,864,080	4,900,010	\$ 8,764,090
Independence CC	558,696	1,429,492	\$ 1,988,188	536,348	1,372,312	\$ 1,908,660	536,348	1,372,312	\$ 1,908,660
Johnson County CC	6,331,211	15,221,801	\$ 21,553,012	6,077,963	14,612,929	\$ 20,690,892	6,077,963	14,612,929	\$ 20,690,892
Kansas City Kansas CC	4,327,739	5,988,313	\$ 10,316,052	4,154,629	5,748,780	\$ 9,903,409	4,154,629	5,748,780	\$ 9,903,409
Labette CC	1,129,177	1,612,947	\$ 2,742,124	1,084,010	1,548,429	\$ 2,632,439	1,084,010	1,548,429	\$ 2,632,439
Manhattan Area Tech Col	1,888,581	449,053	\$ 2,337,634	1,813,038	431,091	\$ 2,244,129	1,813,038	431,091	\$ 2,244,129
Neosho County CC	1,346,013	1,515,432	\$ 2,861,445	1,292,172	1,454,815	\$ 2,746,987	1,292,172	1,454,815	\$ 2,746,987
North Central KS Tech Col	2,780,418	747,522	\$ 3,527,940	2,669,201	717,621	\$ 3,386,822	2,669,201	717,621	\$ 3,386,822
Northwest KS Tech Col	2,167,150	559,765	\$ 2,726,915	2,080,464	537,374	\$ 2,617,838	2,080,464	537,374	\$ 2,617,838
Pratt CC	1,189,810	1,233,313	\$ 2,423,123	1,142,218	1,183,980	\$ 2,326,198	1,142,218	1,183,980	\$ 2,326,198
Salina Area Tech Col	1,902,359	107,905	\$ 2,010,264	1,826,265	103,589	\$ 1,929,854	1,826,265	103,589	\$ 1,929,854
Seward County CC	1,184,770	1,831,297	\$ 3,016,067	1,137,379	1,758,045	\$ 2,895,424	1,137,379	1,758,045	\$ 2,895,424
Washburn Institute of Tech	2,672,608	166,897	\$ 2,839,505	2,565,704	160,221	\$ 2,725,925	2,565,704	160,221	\$ 2,725,925
Wichita Area Tech Col	4,631,422	1,879,175	\$ 6,510,597	4,446,165	1,804,008	\$ 6,250,173	4,446,165	1,804,008	\$ 6,250,173
Total	\$ 58,300,961	\$ 76,496,329	\$ 134,797,290	\$ 55,968,922	\$ 73,436,476	\$ 129,405,398	\$ 55,968,922	\$ 73,436,476	\$ 129,405,398

¹ FY 2017 amounts reflect the 4% allotment imposed by the Governor for that year.

² FY 2018 amounts equal FY 2017 because the 4% reduction in state aid was not restored.



Potential Scenarios for FY 2019
Tiered and Non-Tiered State Aid to Colleges
Working Draft

Institution Name	FY 2018			0.4 Percent Legislative Increase						Difference
	Tiered	Non-Tiered	Total	FY 2019 Scenario 1: Tiered Funding Distributed by Current Law Through Formula			FY 2019 Scenario 2: Tiered Funding Distributed Pro Rata			
				Tiered	Non-Tiered	Total	Tiered	Non-Tiered	Total	
Allen County CC	1,274,575	3,334,484	\$ 4,609,059	1,274,575	3,347,425	\$ 4,622,000	1,279,471	3,347,425	\$ 4,626,896	\$ (4,896)
Barton County CC	3,379,015	4,219,418	\$ 7,598,433	3,379,015	4,235,793	\$ 7,614,808	3,391,995	4,235,793	\$ 7,627,788	\$ (12,980)
Butler CC	4,042,275	10,121,710	\$ 14,163,985	4,066,139	10,160,991	\$ 14,227,130	4,057,803	10,160,991	\$ 14,218,794	\$ 8,336
Cloud County CC	1,309,962	2,941,139	\$ 4,251,101	1,309,962	2,952,553	\$ 4,262,515	1,314,994	2,952,553	\$ 4,267,547	\$ (5,032)
Coffeyville CC	1,172,753	1,726,932	\$ 2,899,685	1,172,753	1,733,634	\$ 2,906,387	1,177,258	1,733,634	\$ 2,910,892	\$ (4,505)
Colby CC	659,186	1,307,364	\$ 1,966,550	685,310	1,312,438	\$ 1,997,748	661,718	1,312,438	\$ 1,974,156	\$ 23,592
Cowley County CC	2,421,712	4,234,256	\$ 6,655,968	2,421,712	4,250,689	\$ 6,672,401	2,431,015	4,250,689	\$ 6,681,704	\$ (9,303)
Dodge City CC	1,128,501	1,451,580	\$ 2,580,081	1,128,501	1,457,213	\$ 2,585,714	1,132,836	1,457,213	\$ 2,590,049	\$ (4,335)
Flint Hills Tech Col	1,710,829	461,868	\$ 2,172,697	1,711,362	463,660	\$ 2,175,023	1,717,401	463,660	\$ 2,181,061	\$ (6,039)
Ft. Scott CC	1,447,767	1,856,051	\$ 3,303,818	1,447,767	1,863,254	\$ 3,311,021	1,453,328	1,863,254	\$ 3,316,583	\$ (5,561)
Garden City CC	972,414	1,623,721	\$ 2,596,135	972,414	1,630,023	\$ 2,602,437	976,149	1,630,023	\$ 2,606,172	\$ (3,735)
Highland CC	1,760,297	3,824,749	\$ 5,585,046	1,760,297	3,839,592	\$ 5,599,889	1,767,059	3,839,592	\$ 5,606,652	\$ (6,762)
Hutchinson CC	3,864,080	4,900,010	\$ 8,764,090	3,893,516	4,919,026	\$ 8,812,542	3,878,924	4,919,026	\$ 8,797,950	\$ 14,592
Independence CC	536,348	1,372,312	\$ 1,908,660	536,348	1,377,638	\$ 1,913,986	538,408	1,377,638	\$ 1,916,046	\$ (2,060)
Johnson County CC	6,077,963	14,612,929	\$ 20,690,892	6,110,608	14,669,640	\$ 20,780,248	6,101,311	14,669,640	\$ 20,770,951	\$ 9,297
Kansas City Kansas CC	4,154,629	5,748,780	\$ 9,903,409	4,154,629	5,771,090	\$ 9,925,719	4,170,589	5,771,090	\$ 9,941,679	\$ (15,960)
Labette CC	1,084,010	1,548,429	\$ 2,632,439	1,084,010	1,554,438	\$ 2,638,448	1,088,174	1,554,438	\$ 2,642,612	\$ (4,164)
Manhattan Area Tech Col	1,813,038	431,091	\$ 2,244,129	1,821,590	432,764	\$ 2,254,354	1,820,003	432,764	\$ 2,252,767	\$ 1,587
Neosho County CC	1,292,172	1,454,815	\$ 2,746,987	1,315,556	1,460,461	\$ 2,776,017	1,297,136	1,460,461	\$ 2,757,597	\$ 18,420
North Central KS Tech Col	2,669,201	717,621	\$ 3,386,822	2,669,201	720,406	\$ 3,389,607	2,679,455	720,406	\$ 3,399,861	\$ (10,254)
Northwest KS Tech Col	2,080,464	537,374	\$ 2,617,838	2,080,464	539,459	\$ 2,619,923	2,088,456	539,459	\$ 2,627,915	\$ (7,992)
Pratt CC	1,142,218	1,183,980	\$ 2,326,198	1,142,218	1,188,575	\$ 2,330,793	1,146,606	1,188,575	\$ 2,335,181	\$ (4,388)
Salina Area Tech Col	1,826,265	103,589	\$ 1,929,854	1,826,265	103,991	\$ 1,930,256	1,833,280	103,991	\$ 1,937,271	\$ (7,015)
Seward County CC	1,137,379	1,758,045	\$ 2,895,424	1,137,379	1,764,868	\$ 2,902,247	1,141,748	1,764,868	\$ 2,906,616	\$ (4,369)
Washburn Institute of Tech	2,565,704	160,221	\$ 2,725,925	2,605,070	160,843	\$ 2,765,913	2,575,560	160,843	\$ 2,736,403	\$ 29,510
Wichita Area Tech Col	4,446,165	1,804,008	\$ 6,250,173	4,477,262	1,811,009	\$ 6,288,271	4,463,245	1,811,009	\$ 6,274,254	\$ 14,017
Total	\$ 55,968,922	\$ 73,436,476	\$ 129,405,398	\$ 56,183,922	\$ 73,721,476	\$ 129,905,398	\$ 56,183,922	\$ 73,721,476	\$ 129,905,398	\$ --

Notes for FY 2019 scenarios:

- ¹ Current budget proviso language requires the use of the funding model for that amount of tiered state aid that is greater than the prior year (this provision does not apply to non-tiered state aid).
- ² Scenario 2 state aid estimates are based on FY 2016 tiered results as final data is not yet available.
- ³ Scenario 2 allocates the additional \$215,000 on a simple prorated basis for tiered funding.
- ⁴ Both scenarios allocate the additional \$285,000 on a simple prorated basis for non-tiered funding.
- ⁵ The Board of Regents will authorize distribution of FY 2019 appropriations for tiered and non-tiered state aid at the June 21, 2018 meeting.

This page is intentionally blank

Act on Proposed Amendments to Policy on Approval of Programs for Community Colleges, Technical Colleges and Washburn Institute of Technology

Summary

Community Colleges, Technical Colleges and Washburn Institute of Technology expressed concerns regarding the complexity and length of the program approval process. The Board asked that a committee, made up of representatives from community and technical colleges, examine ways in which the program approval process could be streamlined. This committee suggested six modifications to Board policy. Staff recommends the adoption of the proposed policy amendments.

Background

During the 2016-2017 academic year, institutions expressed concerns regarding the complexity and length of the Board's program approval process for state funding. In response to concerns, a committee was developed to examine Board policy, program approval paperwork, and the program approval timeline, and to provide recommendations for how the process for program approval could be streamlined.

In July of 2017, representatives from community and technical colleges developed recommendations, including five modifications to Board policy.

Policy Request

The rationale for the proposed changes are best described individually, but are based on similar needs to streamline and simplify the program approval process for community and technical colleges.

Changes to the length of time for Public Comment

Although the presidential comment period is supported by institutions, fourteen business days stretches the comment period to nearly three full weeks. Institutions support shortening the comment period to ten business days.

Elimination of the requirement to demonstrate Student Interest

Institutions develop programs for a variety of reasons, including but not limited to: student inquiry over time; to meet the demands of local business and industry; in response to Kansas Department of Labor occupational reports indicating a need; or as an attempt to diversify program offerings. Program formation is often organic and does not include a formal student survey or analysis, thus resulting in a delay in submission of a new program application to the Board office.

Changes to the requirement for demonstrating existing and future Labor Market demand

Every educational program is designated with a Classification of Instruction Program (CIP) code that defines what is being taught within the program. CIP codes have related SOC codes that define occupations. The Kansas Department of Labor's "Long Term Occupational Outlook" provides an in-depth look at SOC codes in terms of growth rate of occupations, replacement rate of occupations, annual mean and median wages, and the typical education level needed for entry into the workforce.

Elimination of requirement to provide information on Student Enrollment levels and whether Student Waiting Lists for similar programs exist

Institutions report that this information is not readily available to the public and cite difficulties obtaining this information from their peers, thus resulting in a delay in submission of a new program application to the Board office. Board staff may compare the Kansas Department of Labor's "Long Term Occupational Outlook" labor demand (growth and replacement rates) to the yearly Kansas Training Information Program (K-TIP) report which

provides the number of graduates exiting the higher education system and are employed. This comparison would indicate if the system's current rate of production of graduates meets the predicted labor demands.

Elimination of requirement of review by Board of Academic Affairs Standing Committee

Institutions report that new program proposals are reviewed by local advisory board, the institution's curriculum committee, Board of Trustees, Board staff, the Postsecondary Technical Education Authority's Program and Curriculum Committee, the Postsecondary Technical Education Authority, and the Board of Academic Affairs Standing Committee. Elimination of Board of Academic Affairs Standing Committee review would reduce redundancy in program evaluation.

Proposed Revisions to Board Policy Request

5 APPROVAL OF PROGRAMS FOR COMMUNITY COLLEGES, TECHNICAL COLLEGES AND WASHBURN INSTITUTE OF TECHNOLOGY

- a In accordance with the Higher Education Act requirement that the Board coordinate educational programs, courses of instruction, and program and course locations, Board approval is required for the establishment of new degree and technical certificate programs. When the Board considers the establishment of new degree and certificate programs, information regarding its need, quality, cost and means of assessment become paramount. The minimization of unnecessary program duplication is a high priority of the Kansas Board of Regents. This document outlines the policies, procedures and criteria the Board utilizes when reviewing requests for new degree and certificate programs.
- b Institutions must submit a complete program proposal to board staff, and enter the proposed program into the Kansas Higher Education Data System (KHEDS). Once Board staff has received a complete program proposal from an institution, the proposal will be made available in electronic form on the Kansas Board of Regents website for other institutions to view. All institutions shall be notified of the proposed program by email. Institutions with concerns, comments or objections to the new program must state those concerns, comments or objections in writing to Board ~~Staff~~ staff within a ~~14~~ 10-day time period. At that time, institutions shall submit, in writing, a list of concerns, comments or objections to Board staff. The list of concerns, comments and objections will be compiled by board staff and forwarded to the proposing institution for follow-up. The proposing institution is expected to communicate with other institutions filing concerns, comments or objections to minimize or eliminate the identified issues. Final proposals must contain all required information including evidence that concerns, comments or objections have been addressed and be submitted in the approved format. This process shall not prevent an institution from submitting a new program proposal, but it is designed to make the approval process more transparent, improve proposals and reduce potential conflict related to unnecessary duplication.
- c The Board President and Chief Executive Officer, or designee, shall determine if each proposed program is similar to others in the state and may serve the same potential student population. A similar program is one that has a like CIP code, title, content or competencies. If the President and Chief Executive Officer, or designee, determines that one or more similar programs exist, the following information shall be provided by the institution.
 - i Whether the institution has a valid inability to offer the program collaboratively. This will be determined by geographic proximity of similar programs eligible for collaboration, the transportability of existing programs to the proposed population, and if the proposed program varies to an extent that would not allow collaboration.
 - ii ~~The level of interest of new students in the program. This will be determined by the number of students interested through survey analysis, or similar process that demonstrates student interest will support or sustain the program for an excess of three years.~~
 - iii ~~The existing and future labor market demand for graduates of the program. This will be based on the Kansas Job Vacancy Survey and Kansas Department of Labor statistics for a specific job title. This will also be based on the number of projected students that would be required to sustain the proposed program~~

~~for a minimum of three years~~ Kansas Department of Labor's "Long Term Occupational Outlook" report for a specific Standard Occupational Classification code.

- ~~iv~~ ~~Student enrollment levels in existing similar programs. This will be based on the number of vacancies in currently approved programs.~~
 - ~~v~~ ~~Whether student waiting lists for similar programs exist. This will be based on the number of students that cannot be accommodated in the existing programs within one year or that cannot be accommodated by expanding existing programs.~~
 - ~~viii~~ Whether sufficient clinical sites are available (if applicable to the program)
- d Board staff shall compile, analyze and make recommendations to the Board on the information provided. The recommendations and information provided shall be reviewed by the Kansas Postsecondary Technical Education Authority ~~and the Board Academic Affairs Standing Committee~~ to determine whether the program represents unnecessary program duplication before approval will be granted.

i Procedures for Program Approval

(1) Time Limitations

- (a) Notification of new program submissions will include: Program name, proposed CIP code, number of credits, and a link to where the full program proposal may be viewed electronically.

At the time of program submission to board staff, the institutional representative shall enter the new programs into KHEDS.

Board staff will notify all institutions of the proposed program. Within 14 days from the date of notification, institutions shall submit, in writing, a list of concerns, comments or objections to Board staff. The list of concerns, comments and objections will be compiled by Board staff and forwarded to the proposing institution for follow-up. Final proposals shall contain all required information including evidence that concerns and questions have been addressed and be submitted in the approved format.

- (b) Completed proposals for technical degree and certificate programs are reviewed by the Kansas Postsecondary Technical Education Authority (Authority). Proposals recommended for approval by the Authority are forwarded to the Kansas Board of Regents for final approval.

- (c) Programs recommended for approval normally will be presented to the Kansas Board of Regents for action within two months of receipt of a complete final proposal. The institution will be informed of program status throughout the approval process and of program approval status prior to Board action. Note: Program approval does not indicate eligibility for Perkins funds.

(2) Criteria for Program Approval

- (a) The institution shall provide documentation of need at the local, regional, and State levels for the proposed new program. Documentation shall include labor data regarding employment trends, projected job openings, specific support from local business/industry and student enrollment projections. If the program is duplicative, the institution shall provide justification why the program should be approved.

- (b) The institution shall submit a plan for financing and providing adequate facilities for the proposed new program. An estimate of costs needed to implement and operate the program for the first two years must be included.

- (c) The institution shall include an outline of the proposed program of study that includes the

following:

- Description of proposed program of study
- Method or type of instruction
- Proposed Classification of Instructional Program (CIP) code
- Syllabus for courses in the proposed program of study
- Listing of all the courses in the proposed program of study
- Outcome(s) of proposed program of study
- Specific faculty requirements, if any
- Evidence that concerns, comments and objections raised by other institutions have been addressed.
- A review of similar programs in the state and the need for an additional program
- Written approval from the institution's curriculum committee and Board of Trustees.

(d) New courses or programs shall be designed to provide instruction in a manner such that the course content is directly related to program content and objectives, and is consistent with the legal limitation and responsibilities applicable to the institution.

(e) The institution shall provide documentation of the involvement of a steering committee and/or advisory council, comprised of local representatives from business and industry and the program area, and curriculum committee in the planning and development of a new technical program (names of committee members and occupational category represented shall be included).

(f) If external accreditation is required for the proposed program (i.e. Board of Nursing), a statement of intent to seek accreditation is to be included.

(g) If a satellite or partnership with another educational institution offering the same program has been established, a statement of intent or Memorandum of Agreement is to be included.

(h) A review of other similar programs being offered in the State and the reason why an additional program is needed as well as other information regarding the needs of the area for this program and its feasibility shall be included.

(i) Any concern, comment or objection from other institutions will be considered by Board staff and the Board as a whole when determining approval.

(3) Application Procedure

Institutions must complete and submit the following forms:

- CA-1 Application for New Program
- CA-1a Fiscal summary for New Programs

ii Procedures for Approval of Special Programs - Business and Industry Service Program

The purpose of this program is to allow community colleges, technical colleges, and the Washburn Institute of Technology to design and implement training activities to meet expressed needs of Kansas business and industry. Instructional activities will be approved for a one-year period with an option for reapplication. Forms to be submitted are available on the Kansas Board of Regents website.

Recommendation

Staff recommends approval of the proposed revisions of Chapter III, Section A.5.b., Section A.5.c.i-v., and Section A.5.d of the *Board Policy and Procedures Manual*, to revise language outlining current program approvals.

Recommend Approval of Requests for Degree and Certificate Programs Submitted from Community Colleges and Technical Colleges

Summary

Each month community colleges and technical colleges submit requests for the approval of new certificate and degree programs. The Board office received requests from Kansas City Kansas Community College to offer a Technical Certificate A in Biomanufacturing; from Labette Community College to offer an Associate of Applied Science degree in Welding Technology; and Salina Area Technical College to offer a Technical Certificate C in Practical Nursing. The programs submitted addressed all criteria requested and were subject to the 14-day comment period required by policy. The programs were reviewed by staff and are recommended for approval by the Technical Education Authority.

10/26/2017

Background

Community and technical colleges submit requests for new certificate and degree programs each month utilizing forms approved by 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:

Kansas City Kansas Community College requests approval for the following program:

- Biomanufacturing (41.0303) – Technical Certificate A/16 credit hours

The proposed Biomanufacturing technical certificate program is a single semester program that prepares individuals on aseptic techniques and biosafety in animal health, medical, and food packaging facilities. Upon successful completion of the program, students will be eligible to obtain the Manufacturing Technician Level 1 (MT1) certification through the Manufacturing Skills Institute.

Development of Kansas City Kansas Community College's (KCKCC) initial Biomanufacturing training was developed out of relationship with the University of Kansas Medical Center (KUMC) and their need for continuing education focusing on Biomanufacturing. Dr. Elizabeth Wenske, Program Manager for KUMC Bioscience programs, designed Biomanufacturing courses that would train technicians for occupations within the Animal Health Corridor. Initial course offerings were made available to the public through KCKCC's Continuing Education department and workforce partnerships; resulting in graduates being hired by local companies including SAFC Bioscience Inc., Ceva Animal Health, and ThermoFisher.

Due to the success of the initial course offerings, KCKCC developed a Biomanufacturing Advisory Committee to further examine possible expansion of the course offerings. The advisory committee focused on obtaining a National Science Foundation (NSF) grant to develop curriculum and create a biomanufacturing lab. In 2015, the NSF awarded KCKCC \$315,797 in grant money to develop curriculum, create a biomanufacturing lab named the Kansas City Biomanufacturing Training Laboratory (KCBTL), and provide professional development (externships) to both high school and college level instructors.

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook indicates a national growth rate for Chemical Technicians of 2% from 2014-2024, with a median annual wage of \$45,840 or about \$22.04 per hour. The Kansas Department of Labor, Long-term Occupation Projections 2014-2024 indicate a state-wide growth rate of 11.9%, with a median annual wage of \$43,670 or about \$20.99 per hour. According

to the state-wide projections, of the 620 jobs required in 2024, 66 will be new positions while 137 will be replacement jobs.

Currently, three institutions that offer similar programs using a different CIP code (41.0101). According to the 2016 Kansas Training Information Program (K-TIP) report, as a system, 11 students graduated and exited the higher education system with average wages ranging from \$32,608 to \$44,961.

Letters of support for this program were received from the following sources:

- KC Animal Health Corridor – sharing student resumes with local employers
- The University of Kansas – help designing KCKCC's biotechnology laboratory, willing to serve on the program advisory committee, provide guidance on curriculum development, internships, shadow experiences, faculty externships, serving as guest speakers, and employment opportunities
- Biomune Company – willing to serve on the program advisory committee, provide guidance on curriculum development, serve as guest speakers, internships, faculty externships, and interviews for applicable program graduates
- Workforce Partnership - willing to serve on the program advisory committee, provide guidance on curriculum development in areas such as professional skills and interviewing skills, and work with local companies for placement of program graduates
- Kansas City Kansas Public Schools (USD500) – provide transportation of students to the KCBTL, funding of college credit tuition for students taking coursework in the Biomanufacturing program, providing qualified high school instructors as adjunct faculty members, and promoting professional development opportunities teachers within the district
- Kansas City Area Life Science Institute, Inc. – willing to serve on the program advisory committee, provide guidance on curriculum development, and work with regional companies to make them aware of the program.

Formal partnership with existing programs was not pursued due to KCKCC's partnership with the local school districts and the geographical proximity to other programs. KCKCC, Johnson County Community College and Manhattan Area Technical College worked in partnership to develop curriculum and materials for the Introduction to Biotechnology course within the proposed program.

KCKCC plans to begin the proposed Biotechnology program in January of 2018. The college estimated the initial cost to deliver the proposed program at approximately \$230,600 (\$86,000 salaries; \$46,000 equipment, \$6,000 tools and/or supplies required for the program, \$2,400 instructional supplies/materials, \$35,000 in facility modification, \$1,200 in technology/software, \$3,000 in recruitment, \$36,000 Internship/Externships, and \$12,000 on conferences). The existing Dean of Mathematics Science and Business Technology will assume responsibility for the Biotechnology program. Two existing full-time Biology instructors will provide instruction for this program as part of their full-time load. One existing adjunct faculty from USD500 will be utilized. Existing space on campus has been renovated with the NSF grant money. Full-time instructor salaries have been embedded into the operating costs of the college as these instructors also serve in the Biology department. Adjunct salaries are paid by student tuition. Equipment, facility modifications, recruitment costs, internships, externships, and conferences were paid for through the NSF grant. Technology and Software were paid for through institutional funds.

The proposed program was subject to the 14-day comment period from September 18, 2017 to October 5, 2017 during which no comments were received.

Recommendation

The new program request submitted by Kansas City Kansas Community College for a Technical Certificate A at 16 credit hours in Biomanufacturing has been reviewed by staff and is recommended for approval.

Labette Community College requests approval for the following program:

- Welding (48.0508) – Associate of Applied Science degree/64 credit hours; Technical Certificate B/32 credit hours; and Technical Certificate A/16 credit hours

The proposed Welding program is a four-semester program that prepares individuals to apply technical knowledge and skills to join or cut metal surfaces. Instruction includes arc welding, resistance welding, brazing and soldering, high-energy beam welding and cutting, solid state welding, ferrous and non-ferrous materials, oxidations-reduction reactions, welding metallurgy, welding processes and heat treating, structural design and applicable codes and standards. The program is consistent with statewide alignment of welding programs. Upon completion, students will be eligible to obtain American Welding Society student certifications.

The program was developed in response to a shortage of welders in Labette and Cherokee counties. Labette Community College (LCC), Parsons High School (USD503), and local business and industry partners developed a partnership in which LCC will develop and manage a college level welding program, USD503 will provide its welding lab to LCC for use during the high school day for high school students and at night for a traditional program, and business and industry will provide welding materials.

To gauge student interest in a welding program, LCC conducted a survey of interests. Of the 60 responses received, 41 stated a direct interest in a welding program.

According to the U.S. Bureau of Labor Statistics, the Occupational Outlook Handbook indicates a national growth rate for Welders, Cutters, Solderers, and Brazers of 4% from 2014-2024, with a median annual wage of \$39,390 per year or about \$18.94 per hour. The Kansas Department of Labor, Long-term Occupation Projections 2014-2024 indicate a state-wide growth rate of 3.3%, with an annual median wage of \$35,770 per year or about \$16.87 per hour. Of the 6,657 Welding jobs required by 2024, 214 account for new jobs while 1,581 are replacement jobs.

Currently, twenty institutions offer a welding program. Currently, twenty institutions offer a welding program. According to the 2016 K-TIP report, as a system, 313 students graduated and exited the higher education system with average wages ranging from \$11,725 to \$34,446.

Letters of support for this program were received from the following sources:

- Ducommun – donation of welding equipment and metal pieces
- USD503 – use of welding laboratory
- Parsons High School – welding instructors
- Tank Connection – consumables for the program as needed, scrap materials, and hiring of program graduates
- CST Storage – willing to serve on the program advisory committee, materials, on-site training, and class resources
- Letters of general support for the program was provided by State Senator Daniel Goddard, State Representative Richard Proehl, Parsons Chamber of Commerce, Ruskin, and Hardcore Fabrication.

Formal partnership with existing programs was not pursued due to LCC's partnership with USD503 and local industry; however, LCC has developed the program to meet program alignment standards.

LCC plans to begin the proposed Welding program in January of 2018. The college estimated the initial cost to deliver the proposed program at approximately \$208,442 (\$8,442 salaries; \$100,00 in equipment, tools and supplies, instructional supplies and materials, and technology/software, \$100,000 steel). The existing Dean of Instruction will assume responsibility for the Welding program. One adjunct faculty

member will be hired. The existing welding lab at Parsons High School will be utilized. The adjunct faculty salary will be paid by student tuition. Equipment, tools and supplies, instructional supplied and material will be donated by Parsons High School. Steel will be donated by local business and industry.

The proposed program was subject to the 14-day comment period from September 18, 2017 to October 5, 2017 during which no comments were received.

Recommendation

The new program request submitted by Labette Community College for an Associate of Applied Science Degree at 64 credit hours, Technical Certificate B at 32 credit hours, and Technical Certificate A at 16 credit hours in Welding has been reviewed by staff and is recommended for approval.

Salina Area Technical College requests approval for the following program:

- Practical Nursing (51.3901) – Technical Certificate C/46 credit hours

The proposed Practical Nursing (PN) program is a three-semester program to prepare individuals to assist in providing nursing care under the direction of a registered nurse or physician. The program includes instruction in taking patient vital signs, applying sterile dressings, patient health education, and assistance with examinations and treatment. Upon successful completion of the program, students will be eligible to sit for the National Council Licensure Examination for Practical Nurses (NCLEX-PN).

The demand for the proposed Practical Nursing program is in response to the closing of the Brown Mackie PN program in Salina, KS. According to the Kansas Board of Nursing, average enrollment in Brown Mackie's PN program was 65 students per year. The void in educational opportunities is stressing an already stressed healthcare education system. Since Salina Area Technical College (SATC) began talks with local business and industry, the college has received detailed records of ten students requesting admission to the program.

According to the U.S. Bureau of Labor Statistics, the Occupational Outlook Handbook indicates a national growth rate for Licensed Practical Nurses of 16% from 2014-2024, with a median annual wage of \$44,090 per year or about \$21.20 per hour. The Kansas Department of Labor, Long-term Occupation Projections 2014-2024 indicate a state-wide growth rate of 9%, with an annual median wage of \$39,370 per year or about \$18.92 per hour. Of the 7,143 Practical Nursing jobs required by 2024, 592 account for new jobs while 1,599 are replacement jobs.

Currently, nineteen institutions offer a PN program. According to the 2016 K-TIP report, as a system, 279 students graduated and exited the higher education system with average wages ranging from \$26,286 to \$50,223.

Letters of support for this program were received from the following sources:

- Bethany Homes – scholarships
- Salina Regional Health Center – willing to serve on the program advisory committee, curriculum development, serve as guest speakers, serve as a clinical instruction and clinical site, and commitment to interview SATC graduates
- Salina Surgical Hospital - willing to serve on the program advisory committee, curriculum development, serve as a clinical instruction and clinical site
- Letter of general support from Presbyterian Manor of Mid-America.

At one time, SATC and Hutchinson Community College (HCC) partnered in providing a practical nursing program; however, that partnership dissolved. SATC contacted the Kansas Board of Nursing (KSBN) to

inquire about educational partnerships, and discovered that each program would need a local nurse administrator and faculty onsite, making partnerships increasingly difficult.

SATC plans to begin the proposed Practical Nursing program in August of 2018. The college estimated the initial cost to deliver the proposed program at approximately \$214,700 (\$82,000 salaries; \$100,00 in equipment, \$30,000 in technology/software, and \$2,700 in accreditation). Rebecca Claus, Director of Nursing, will assume responsibility for the PN program. Existing space previously used for the SATC/HCC partnership will be utilized. Equipment and technology costs will be paid for through a combination of grants the institutions received: \$250,000 from regional foundations to update library and media facilities, and \$46,000 from the Kansas Department of Commerce's Jobs & Innovative Industry Skills Training (JIIST) grant. Accreditation costs will be paid for through the institutional funds.

The proposed program was subject to the 14-day comment period from September 18, 2017 to October 5, 2017 during which no comments were received.

Recommendation

The new program request submitted by Salina Area Technical College for a Technical Certificate C at 46 credit hours in Practical Nursing has been reviewed by staff and is recommended for approval.

TEA Strategic Plan Meeting Summary

Summary

With the start of the new AY 2017-2018 year, the TEA met in August for a strategic planning session. Many topics were discussed and guidance provided. Staff plans to proceed based on these decisions but all items are subject to change by the TEA as the year progresses. 10/26/2017

On August 24, 2017, the TEA met in the afternoon to review plans for the upcoming year. Specific items that were discussed included:

- The 2017-2018 Strategic Priorities were reviewed and a couple of minor adjustments were made (attached). It was explained that the objective of this document is to give us direction and focus in moving forward.
- A fourth task was added to the list of Workforce Development Objectives that we will be focusing on this year (attached). The timing of these was discussed and some are dependent on others moving forward as expected.
- It was agreed that the TEA will continue to move forward with efforts to streamline the program approval process, but will hold off revising the overall program review process until the new Carl Perkins act is approved. Evaluating both new and existing programs is a task assigned to the TEA by the legislature.
- It was agreed that TEA members should be assigned to colleges to further expand communication between the entities. Assignments will be reviewed by the Marketing & Advocacy committee before they are presented to the full Authority.
- It was agreed that the TEA will help lead efforts in advocacy for additional Excel in CTE funds (\$4 million) this year.
- It was agreed that meetings, communications, etc. will basically continue as they have in the past.
- Due to cost and staff restrictions it was agreed that future TEA meetings will continue to be held in Topeka.
- It was recommended that the TEA will hold off on officially reevaluating the funding formula this year but that staff should continue to gather information and concepts relating to this effort as time allows
- It was agreed that we would change our committee operating process so that we no longer require a quorum to discuss/evaluate whether Items should be moved forward to the full TEA for consideration. A quorum will still be required to officially approve items such as the committee minutes or to move items to the TEA consent agenda. However, where there is not a quorum, if the participating committee members so choose, items may be recommended to be brought to the TEA for discussion and approval.



KANSAS BOARD OF REGENTS

Kansas Postsecondary Technical Education Authority
2017-2018
Strategic Priorities

Vision: *To be a national leader of premier technical education by developing a highly prepared Kansas workforce*

Mission: *Drive the advancement of a robust technical education system to meet the needs of Kansas business and industry*

Aligning Educational Offerings within the System with Business and Industry

1. Advance career technical program alignment and standards of excellence by:
 - a. Identifying industry-based standards, certifications, and assessments to validate skill outcomes based on recommendations from statewide business and industry committees, and
 - b. Continuing alignment of programs, following the Authority approved program framework—ensuring all approved programs align with business and industry needs for current and emerging occupations by identifying common courses, pre-requisites, exit points and program lengths
2. Strengthen partnership with Kansas Department of Education to develop and implement programs of study connecting secondary and postsecondary career pathways and increase secondary student participation in postsecondary career technical programs
3. Encourage increased articulation of technical certificate and associate degree programs among two-year colleges and four-year universities through the development of stackable postsecondary awards
4. Use Carl D. Perkins and WIOA State Plans to support collaboration among state committees, agencies, education and workforce systems to unify career technical education and workforce messages; strengthening efforts to increase business and industry interaction while reducing obstacles to partnerships for colleges as they arise
5. Expand partnership efforts with Kansas Department of Commerce in recruiting and retaining businesses in Kansas by providing workforce development support and expertise

A
L
I
G
N

**E
N
H
A
N
C
E**

Enhancing System Participation, Policy, and Funding for Career and Technical Education

1. Expand participation in career technical education by identifying outreach activities targeted toward a broader variety of individuals, including adults, as funding sources are identified
2. Promote and expand technical education and training opportunities for military service members, veterans, and their families
3. Provide accelerated opportunities for adults using contextualized delivery of technical, academic, and basic skills instruction in a career pathways system
4. Develop advocacy plan to support the Postsecondary Adult and Career Technical Education funding stream to close the education funding gap
5. Continue refinement of cost model elements, and develop communication tools to explain the funding cost model to multiple constituencies
6. Recommend funding policies for distribution of state funding for postsecondary career technical education
7. Continually streamline and better define the new program approval process for state funding
8. Enhance the funding of the Excel in CTE program
9. Identify and introduce policy and legislative revisions to improve the postsecondary career technical education system as needed

**E
V
A
L
U
A
T
E**

Evaluating and Measuring System Effectiveness

Develop Benchmarks and Accountability Standards

1. Develop a framework of rigorous standards and requirements for industry recognized certifications to be recommended for endorsement that will ensure the certification assessment is valid/reliable, the certification is relevant to approved career technical programs, valued by business/industry, and includes a process through which entities may request consideration of industry-recognized certifications for potential endorsement
2. Implement a program evaluation process to measure the effectiveness of technical education in meeting workforce development needs, which:
 - a. analyzes enrollment, placement, completion and award/degree attainment information as well as average program cost and average wages of program graduates
 - b. communicates return on investment for technical education students and Kansas taxpayers

WFD 2017-2018 Objectives

- **Reauthorization of the Carl D. Perkins Career and Technical Education Act of 2006**
The Carl D. Perkins Career and Technical Education Act of 2006 (Perkins IV) annually provides approximately \$10 million of federal funding support for career technical education (CTE) programs in Kansas. This funding is shared equally between the Kansas Board of Regents and the Kansas State Department of Education. As the designated “fiscal agent” the Workforce Development unit provides leadership for the implementation of the state’s plan for CTE and is responsible for the administration of this grant. Reauthorization of the current legislation has been long overdue. Although this is a first step in the reauthorization process, the enthusiasm and bi-partisan support for Perkins and its reauthorization is significant. It is anticipated that a new Perkins bill could be enacted as early as sometime this fall. Once the new law is passed, a new State Plan for CTE will need to be developed to address any new criteria stipulated as well as a renewed vision for CTE in Kansas and submitted to the U.S. Department of Education for approval. This effort will involve multiple “town hall” type meetings with school districts and colleges around the state.
- **Kansas Collaborative on Military Credit**
The mission of the Kansas Military Collaborative (part of a Midwest Higher Education Compact multi-state initiative) is to guide and support strategies that maximize opportunities for service members to earn credit for military training leading to educational attainment within the higher education system. Activities for the 2017 academic year will focus on completing a comprehensive military alignment proviso as defined in the KanTrain grant including the development of a military database within KHEDS that allows the institutions to input the data directly into the system and military personnel to search the site as needed
.
- **Data Collection and Program Approval Process**
Based on comments Regents and staff have received from the field it was determined that we should create a couple of committees to reevaluate our program approval and data collection efforts with the hope of streamlining and better defining our processes. Membership of the committees will consist of college personnel, workforce development personnel, and DRP personnel. Every effort will be made to simplify our requirements while at the same time ensuring we can still meet the objectives of the board.
- **Contingency Plan for Excel in CTE**
While every effort will be made to garner an additional \$4 million for the Excel in CTE program (SB155) should this effort fail we will need to have a plan for how we want to address the Excel in CTE program going forward. A committee comprised of TEA members and 2-year college representatives will evaluate the various options and create recommendations for the TEA to consider.

Academic Year 2016 K-TIP Highlights

Established in 1987; the Kansas Training and Information Program (K-TIP) reports career technical program majors and graduates across all two-year institutions, as well as employment and wages for those students. K-TIP is compiled from data submitted by the individual two-year postsecondary institutions and supplemented with data provided by the Kansas Department of Labor where available. This report highlights data submitted for the 2016 Academic Year.

Definitions

For the purposes of the K-TIP report; student data is sorted by the field of study pursued, not the occupation in which the students are employed. The difference between the number of “Graduates” and “Graduates Exited” in a program represents a portion of students still pursuing additional education. These students may have, for instance, completed a Certificate A and continue to pursue an Associate’s degree.

An exit point is a point of departure from a complete program of study related to potential employment points. As students complete the requirements for the pre-determined exit point, they are considered “graduates.” Designated exit points are listed below, and vary program by program:

Awards Levels

Associate/Certificate—include programs at the following award levels:

Associate of Applied Science Degree

CERTC—Technical Certificate from 45 to 59 credit hours in length

CERTB—Technical Certificate from 30 to 44 credit hours in length

CERTA—Technical Certificate from 16 to 29 credit hours in length

Short-Term Training – includes only programs which are:

- Documented in KHEDS Program Inventory,
- Less than 16 credit hours in length, and
- For which an industry recognized credential has been identified

Concentrators are program majors with at least 12 technical credit hours in the same program area.

Measures and Targets

The K-TIP Highlights report was developed to provide a wider view of how the K-TIP report might be used as a tool to assist in evaluating program performance; highlighting performance at the discipline, institution, and individual program levels. To provide measures and targets for comparison of year-over-year performance concerning wages and employment; KBOR staff utilized the Outcome Metrics measures as well as criteria utilized in other incentive programs to ensure a consistent approach to program review.

Employment Target for Graduates Exited

The Outcome Metrics measure and target for employment of “*of the students completing an approved exit point and exited postsecondary education, 80% must be employed by the end of the 2nd quarter following the end of the academic year*” was utilized as the benchmark at the Discipline, Institution, and Program levels.

Wages Target for Graduates Exited

Program level

The Outcome Metrics measure and target for wages of “*the wage for students completing an approved exit point and exited postsecondary education must be 95% of the statewide entry level wage for the occupation corresponding to the field of study as reported in the Kansas DOL Wage Survey*” was used as the benchmark at the Program level.

Discipline and Institution levels

The criteria of “occupational average wages meeting or exceeding 70% of the state average” was used to provide an initial benchmark for review of wages at the Discipline and Institution levels. This measure and target are utilized to determine occupations and associated credentials for inclusion in the Excel in CTE Initiative (SB155) incentive funding), and was used here to maintain consistency. The Kansas Department of Labor produces a report based on the Quarterly Census of Employment and Wages (QCEW) program, which compiles employment and salary data by broad industry categories such as Construction, Manufacturing, and Professional and Technical Trades. Cross-walking Academic Disciplines to this framework was attempted, however; a one to one match was not possible to establish the “95% of state average salary” goal information at the Academic Discipline or Institution levels that is used at the Program level. The methodology of using the “70% of state average” at the Discipline and Program levels has been used for the K-TIP Highlights since 2012. The following table is provided as a point of reference for the changes in the statewide average wage information year-over-year.

Year-over-year, Statewide Average Wage Information

Statewide Reporting Year	Statewide Average Wage	70% of Statewide Average Wage	Average Hourly Wage Statewide	Average Hourly Median Wage Statewide
2012	\$40,030	\$28,021	\$19.24	\$14.82
2013	\$40,630	\$28,441	\$19.53	\$15.06
2014	\$41,240	\$28,868	\$19.83	\$15.44
2015	\$42,020	\$29,414	\$20.20	\$15.83
2016	\$42,930	\$30,051	\$20.64	\$16.20
2017	\$43,953	\$30,767	\$21.13	\$16.56

* Source is Kansas Department of Labor Annual Wage Survey. Data collection is from previous year. For example, 2017 reporting is for data collected in calendar year 2016.

Previous years' full K-TIP reports can be accessed on the Kansas Board of Regents website:

http://kansasregents.org/workforce_development/k-tip-report

Systemwide: AY2016 Performance by Discipline

Discipline	Total # Declared Majors	Total # Concentrators	Total # Graduates	Total # Pursuing Additional Education	Graduates Exited	Total # Graduates Exited and Employed	Percentage Graduates Exited and Employed	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed
Health Science	8,635	4,691	2,633	4,332	1,713	1,588	92.70%	\$39,539	\$40,219
Law, Public Safety, Corrections & Security	1,505	542	157	633	114	93	81.58%	\$39,158	\$33,000
Agriculture, Food & Natural Resources	796	495	215	348	156	139	89.10%	\$34,014	\$33,733
Architecture & Construction	2,492	1,628	702	1,118	515	462	89.71%	\$33,439	\$32,480
Information Technology	2,043	950	294	1,074	194	148	76.29%	\$32,812	\$30,160
Transportation, Distribution & Logistics	2,703	1,984	822	1,162	638	519	81.35%	\$32,681	\$30,287
Manufacturing	2,947	2,035	936	1,148	688	592	86.05%	\$32,447	\$31,310
Marketing	744-749	150	43	386	24	19	79.17%	\$29,742	\$31,912
Finance	670-674	207	58	337	40	31	77.50%	\$29,168	\$28,545
Business Management & Administration	2,333	693	299	1,096	187	158	84.49%	\$29,135	\$25,526
Hospitality & Tourism	843	511	149-153	438	113	84	74.34%	\$24,957	\$21,738
Education & Training	121	57	29	72	20	15	75.00%	\$24,291	\$16,914
Arts, Audio/Video Technology & Communications	1,039	479	150	590	105	80	76.19%	\$21,120	\$20,176
Human Services	1,307	613	272	539	209	174	83.25%	\$20,448	\$18,791
Associate/Certificate Total	28,183	15,035	6,760	13,273	4,716	4,102	86.98%	\$34,506	\$33,279

Discipline	Total # Declared Majors	Total # Concentrators	Total # Graduates	Total # Pursuing Additional Education	Graduates Exited	Total # Graduates Exited and Employed	Percentage Graduates Exited and Employed	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed
Transportation, Distribution & Logistics	82-86	78-82	78-82	12	66-70	62-66	93.94%	\$38,838	\$35,880
Manufacturing	328	237	237	20	222	196	88.29%	\$23,917	\$28,808
Health Science	7,108	6,173	6,173	3,664	2,774	2,144	77.29%	\$18,596	\$18,292
Finance	25	5	5	*	*	*	*	NR	NR
Law, Public Safety, Corrections & Security	*	*	*	*	*	*	*	NR	NR
Human Services	31	21	21	*	*	*	*	*	*
Information Technology	84	74	74	37	*	*	*	*	*
Short-Term Total	7,660	6,588	6,588	3,747	3,115	2,446	78.50%	\$19,406	\$18,887

Grand Total 2016	35,843	21,623	13,348	17,020	7,831	6,548	83.62%	\$28,745	\$26,204
-------------------------	---------------	---------------	---------------	---------------	--------------	--------------	---------------	-----------------	-----------------

Grand Total 2015	38,107	22,688	13,542	17,813	8,155	6,670	81.79%	\$29,710	\$26,934
-------------------------	---------------	---------------	---------------	---------------	--------------	--------------	---------------	-----------------	-----------------

Grand Total 2014	40,420	24,687	14,587	19,139	8,729	7,040	80.65%	\$27,901	NA
-------------------------	---------------	---------------	---------------	---------------	--------------	--------------	---------------	-----------------	-----------

Grand Total 2013	42,168	23,412	13,384	20,047	7,875	6,481	82.30%	\$26,597	NA
-------------------------	---------------	---------------	---------------	---------------	--------------	--------------	---------------	-----------------	-----------

Grand Total 2012	41,394	23,249	13,283	19,286	8,690	4,419	50.85%	\$30,638	NA
-------------------------	---------------	---------------	---------------	---------------	--------------	--------------	---------------	-----------------	-----------

The **Systemwide: AY2016 Performance by Discipline** table on page 3 highlights the total number of students participating within each Academic Discipline at the system level, and the performance in employment gained and wages earned for each discipline. These tables are sorted by the Average Wage of Graduates Exited and Employed, and Short-Term programs have been separated from the Associate/Certificate level programs.

A total of six discipline categories did not meet the target of 80% Employment for those graduates exiting postsecondary education at the Associate/Certificate award levels. The Percentage of Graduates Exited and Employed ranged from 74.34% in the Hospitality and Tourism discipline area, to 92.70% in Health Science at the Associate/Certificate levels, which is an increase from 89.9% in Health Science from AY2015. Also, noteworthy is that 93.94% of Graduates Exited and Employed in Short-Term Transportation, Distribution, & Logistics, with an average wage of \$38,838 which exceeds 12 of the 14 Academic Disciplines at the Associate/Certificate levels.

The calculation of "Median Wage" for Graduates Exited and Employed by program was included in the AY2015 K-TIP report for the first time. Department of Labor data provides median wage information between entry-level and experienced work levels annually via the Annual Wage Survey. However; for the purposes of comparison with previous years, we have used the Average Wages exceeding 70% of state average for that cohort of students because a median of entry-level wage is not available. Using the \$30,767 average salary as a benchmark; eight discipline categories met or exceeded the target, including the Short-Term Transportation and Logistics programs. In AY2015, nine disciplines total met the 70% salary benchmark.

In Academic Year 2016, nine disciplines categories fell below 70% of state average on the Average Wages earned by Graduates Existed and Employed; compared to five in AY2015, and eight in AY2014. Health Science moved into 1st place among all disciplines on Average Wages earned by Graduates Exited and Employed.

Enrollments in the Short-Term Law and Public Safety Declared Majors continue to decline in AY2016 (less than five), and declined in AY 2015 to nine from 31 in AY2014, while Short-Term Information Technology grew in Declared Majors from nine in AY2014, to 57 in AY2016, and 84 in AY2016.

Also, provided for reference are the Grand Totals from the 2012, 2013, 2014, and 2015 K-TIP reports for each of these categories.

AY2016 Performance by Institution

(Includes Associate/Certificate degrees and Short-Term Certificates)

Institution Name	Total # Declared Majors	Total # Concentrators	Total # Graduates	Total # Pursuing Additional Education	Total # Graduates Exited	Total # Graduates Exited and Employed	Percentage Graduates Exited and Employed	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed	Total # Graduates Exited and Employed with Salary Data
Allen Community College	419	233	202	206	98	81	82.65%	\$23,853	\$22,593	81
Barton Community College	1,291	762	470	501	323	275	85.14%	\$33,143	\$33,121	205
Butler Community College	1,835	1,080	538	1,048	239	203	84.94%	\$32,911	\$32,245	203
Cloud County Community College	694	506	454	272	290	206	71.03%	\$20,923	\$17,164	192
Coffeyville Community College	652	455	285	261	211	180	85.31%	\$22,801	\$20,522	174
Colby Community College	622	282	156	206	120	109	90.83%	\$36,710	\$35,365	82
Cowley Community College	1,106	724	392	536	219	155	70.78%	\$24,960	\$25,105	150
Dodge City Community College	834	497	294	397	139	122	87.77%	\$28,608	\$24,043	113
Flint Hills Technical College	842	708	416	447	212	196	92.45%	\$29,456	\$24,960	195
Fort Scott Community College	1,151	672	460	506	277	220	79.42%	\$26,149	\$24,451	178
Garden City Community College	476	300	167	182	122	118	96.72%	\$37,617	\$37,440	113
Highland Community College	996	683	440	440	263	217	82.51%	\$21,562	\$20,703	194
Hutchinson Community College	3,090	1,963	1,258	1,566	701	594	84.74%	\$29,899	\$27,040	581
Independence Community College	229	134	109	125	35	31	88.57%	\$21,630	\$21,504	18
Johnson County Community College	6,205	3,037	1,468	3,376	795	591	74.34%	\$30,833	\$28,649	492
Kansas City Kansas Community College	4,852	1,862	970	2,200	656	534	81.40%	\$30,551	\$29,049	520
Labette Community College	722	368	273	382	140	117	83.57%	\$29,261	\$24,351	97
Manhattan Area Technical College	778	576	387	359	253	219	86.56%	\$32,865	\$32,831	206
Neosho County Community College	1,156	863	595	591	331	285	86.10%	\$31,253	\$26,382	267
North Central Kansas Technical College	683	592	455	303	266	250	93.98%	\$29,090	\$29,354	239
Northwest Kansas Technical College	446	319	214	189	114	94	82.46%	\$29,230	\$28,605	67
Pratt Community College	373	321	223	136	141	121	85.82%	\$33,048	\$30,347	112
Salina Area Technical College	608	519	398	235	267	259	97.00%	\$22,191	\$21,305	223
Seward County Community College	1,119	688	377	472	246	210	85.37%	\$31,824	\$31,551	195
Washburn Institute of Technology	2,184	1,646	1,163	828	805	662	82.24%	\$22,281	\$21,864	571
Wichita Area Technical College	2,481	1,834	1,184	1,257	568	499	87.85%	\$32,406	\$29,136	466
Grand Total	35,843	21,623	13,348	17,020	7,831	6,548	83.62%	\$28,745	\$26,204	5,934

The **AY2016 Performance by Institution** table on page 5 compares data sorted by institution, including data from all programs and award levels (Associate/Certificate and Short-Term Programs). Highlighted are those institutions meeting or exceeding the target of 80% of Graduates Exited and Employed: as well as those for whom the Average Wage for Graduates Exited and Employed is above \$30,767. Nine institutions met both targets for AY2016, compared to a total of seven for AY2015, and seven institutions in 2014.

14 institutions exceeded the target for Graduates Exited and Employed, and are above 85%, and five are above 90%. These totals are an increase from AY2015 of 11 institutions above 85%, and four were above 90%.

The highest average wages at the institution level were earned by students graduating from Garden City Community College, Colby Community College, Pratt Community College, and Barton Community College. Wages are often expected to be higher in the major metropolitan areas, and while some of these students may have moved away from their college home area, many do remain. These wages may reflect a smaller pool of trained workforce and the high demand for those occupations in these areas.

Median wages for Cowley Community College, and North Central Kansas Technical College exceed the average wages for the Graduates Exited and Employed.

It is particularly noteworthy that Colby Community College and Wichita Area Technical College met or exceeded both employment and wage targets for four years in a row; AY2013 through AY2016. In addition, Manhattan Area Technical College and Seward County Community College met or exceeded both employment and wage targets for AY2014, AY2015 and AY2016.

The Total # of Graduates Exited and Employed with Salary Data reported was included on the institution table as well as added to the tables on the following pages regarding program performance. Reporting this number provides a point of validation of the average wage for the cohort, as it is the total number of graduates that contributed salary data to the average salary information. We can see, for example, that all 14 Graduates Exited and Employed in Industrial Mechanics and Maintenance Technology on the **Systemwide: AY 2016 High Performing Associate/Certificate Programs** table on page 7 were found to have salary data available, contributing to the average wage and median wage totals. Overall, 90.62% of Graduates Exited and Employed were found to have Salary Data to include in K-TIP.

The **Systemwide: AY 2016 High Performing Associate/Certificate Programs** table on page 7 lists high performing programs, systemwide, based on (1) those programs earning the highest average salaries systemwide, and (2) the percentage of graduates exiting postsecondary and becoming employed.

Systemwide: AY 2016 High Performing Associate/Certificate Programs

Program Name	CIP Code	Total # Declared Majors	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Percentage Graduates Exited and Employed	Total # Graduates Exited and Employed with salary data	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed	SOC	Statewide Entry-level Annual Wage	Statewide Entry-level Hourly Wage
(*) *** Aircraft Powerplant Technology/Technician	47.0608	81	58	43	42	97.67%	39	\$51,226	\$49,854	49-3011	\$46,874	\$22.54
(*) *** Airframe Mechanics and Aircraft Maintenance Technology/Technician	47.0607	148	66	36	35	97.22%	33	\$51,104	\$48,462	49-3011	\$46,874	\$22.54
*** Mechanical Drafting and Mechanical Drafting CAD/CADD	15.1306	122	22	15	14	93.33%	12	\$49,085	\$49,244	17-3013	\$33,178	\$15.95
(---) *** Health Information/Medical Records Administration/ Administrator	51.0706	36	15	12	10	83.33%	5	\$49,017	\$41,874	11-9111	\$58,048	\$27.91
Mechanic and Repair Technologies/Technicians, Other	47.9999	178	75	47	41	87.23%	36	\$47,097	\$47,786	^^^	^^^	^^^
(#) *** Dental Hygiene/Hygienist	51.0602	130	39	34	30	88.24%	28	\$46,493	\$50,879	29-2021	\$47,776	\$22.97
(=) Emergency Medical Technology/Technician (EMT Paramedic)	51.0904	428	101	89	86	96.63%	82	\$45,813	\$47,547	29-2041	\$20,158	\$9.69
(#) *** Registered Nursing/Registered Nurse	51.3801	2,936	830	660	631	95.61%	577	\$45,803	\$46,709	29-1141	\$43,816	\$21.07
(+/-) *** Plastics and Polymer Engineering Technology/Technician	15.0607	75	29	25	25	100.00%	24	\$42,939	\$34,032	17-3029	\$40,998	\$19.71
*** Electrical and Power Transmission Installation/Installer, General	46.0301	199	62	61	60	98.36%	53	\$42,203	\$40,227	49-9051	\$47,992	\$23.07
(#) *** Physical Therapy Technician/Assistant	51.0806	391	99	95	92	96.84%	79	\$41,968	\$43,978	31-2021	\$37,551	\$18.05
*** Industrial Mechanics and Maintenance Technology	47.0303	99	33	16	14	87.50%	14	\$40,348	\$44,852	49-9041	\$36,783	\$17.68

Programs recurring on the High Performing list are color-coded by year according to the following table:

Recurring five years
Recurring four of five years
Recurring three of five years
Recurring two of five years

Footnotes:

1. (*) Historically, SOC 49-3011, Aircraft Mechanics and Service Technicians, has been used in correspondence with both CIP codes of 47.0607 and 47.0608 (January 2016, Participation in Technical Education Leading to High-Demand, High Wage Jobs report).
2. ^^^ For AY2016, CIP code 47.9999 is a combination of:
 - a. Wind Energy Technology program at Cloud County Community College, (SOC 49-9081 Wind Turbine Service Tech, \$17.92 entry-level hourly wage); and
 - b. Power Plant Technician program at Flint Hills Technical College (SOC 51-8013 Power Plant Operators, \$17.78 entry-level hourly wage).
 - c. Power Plant Operators is on High Demand-High Wage listing, Wind Turbine Tech is not.
3. *** Denotes High Demand/High Wage (HDHW) Occupations
4. (#) Denotes programs included in the Outcome Metrics Pilot Program
5. (+/) SOC 17-3029 is the only match to CIP code 15.0607. A total of 15 CIP codes point to this SOC code
6. (---) DOL reporting for HDHW also reports minimum education required. Minimum education for 11-9111 is listed as a Bachelor's degree. It should also be noted that this is the only SOC to which this CIP code matches.
7. (=) EMT/Paramedic, while not a High Wage occupation, is a High Demand occupation (per 2016 High Demand Occupations list, Kansas Department of Labor). The following table highlights the changes year-over-year in the entry-level wages and salary (statewide) for this occupation.

DOL Wage Survey	2012	2013	2014	2015	2016
Hourly Entry	\$8.28	\$8.43	\$8.65	\$9.28	\$9.22
Average Annual Entry	\$17,220	\$17,520	\$17,990	\$19,310	\$19,190

While a variety of methods may also be used to evaluate high performing/high impact programs, the method used in this analysis:

1. Includes only programs with salaries averaging above \$40K (the KS mean or average wage in 2017 was \$43,953).

Total # programs with Average Salary above \$40K	2012	2013	2014	2015	2016
	19	32	26	31	28

2. Removes those programs with less than 80% Graduates Exited and Employed rate (per Outcome Metrics target).

Removed: Programs less than 80% Graduates Exited and Employed	2012	2013	2014	2015	2016
	2	5	8	10	5

3. Removes those programs with less than five Graduates Exited and Employed. (When there are less than five students in these cohorts, small cell suppression prohibits the calculation of the percentage of graduates employed.)

Removed: Programs with less than five Graduates Exited and Employed	2012	2013	2014	2015	2016
	8	12	4	7	7

4. Removes those programs with single digit graduate totals exited and employed.

Removed: Programs with single-digit Graduates Exited and Employed	2012	2013	2014	2015	2016
	2	2	3	1	4

AY 2016 High Performing Program Totals	Declared Majors	Graduates	Graduates Exited	Graduates Exited and Employed	Percentage Graduates Exited and Employed
	4,823	1,429	1,133	1,080	95.32%

For AY2016, a total of 12 programs met these criteria, reporting the highest totals in both percentage of graduates employed and averages wages earned by those graduates annually. A total of 13 programs met these criteria in AY2015, 12 programs met these criteria in AY2014, and 13 total programs in AY2013 met these criteria.

Highlighted in yellow are the three programs met these criteria for EVERY Academic Year 2012 through 2016. 10 of the 12 listed programs have met this criterion for at least two years. A total of 10 programs were also included on the High Demand/High Wage Occupations list for 2017. Mechanic and Repair Technicians is new to the high performing list this year, and the Physical Therapy Assistant program did not meet the criteria last year as the Average Wage for Graduates Exited and Employed (of which there were 84 total) was \$38,776. This program was instead included on the High Performing Program Candidate list for AY2015.

The **AY2016 Systemwide: Associate/Certificate Programs less than \$20K Annual Average Wages** table on page 10 reflects those systemwide programs with at least five or more Graduates Exited and Employed with average salaries of less than \$20,000 annually.

The following method was utilized to identify lower performing programs:

1. Reviewed those programs with average salaries of \$20K or less
2. Separated those programs with more than five graduates, and those programs with small cell suppression regarding the number of students in the cohort (values would not be calculated due to fewer than five students)
3. Tables are sorted by average wages (instead of alphabetically)

AY2016 Systemwide: Associate/Certificate Programs less than \$20K Annual Average Wages

Program Name	CIP Code	Total # Declared Majors	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Percentage Graduates Exited and Employed	Total # Graduates Exited and Employed with salary data	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed	SOC	Statewide Entry-level Annual Wage	Statewide Entry-level Hourly Wage
(=) Cosmetology/ Cosmetologist, General	12.0401	378	116	96	80	83.33%	72	\$19,791	\$17,940	39-5012	\$17,314	\$8.32
Prepress/Desktop Publishing and Digital Imaging Design	10.0303	115	26	14	12	85.71%	11	\$19,562	\$20,800	43-9031	\$24,360	\$11.71
(=) Sign Language Interpretation and Translation	16.1603	81	16	10	8	80.00%	6	\$19,443	\$15,841	27-3091	\$21,525	\$10.35
(=) Cooking and Related Culinary Arts, General	12.0500	122	7	6	6	100.00%	6	\$19,371	\$18,749	35-2014	\$17,248	\$8.29
(=) Entrepreneurship/ Entrepreneurial Studies	52.0701	94	7	7	5	71.43%	5	\$18,778	\$17,639	11-9199	\$54,798	\$26.35
(=) Phlebotomy Technician/ Phlebotomist	51.1009	29	5	5	5	100.00%	*	\$18,669	\$20,809	31-9097	\$24,101	\$11.59
(=) Legal Administrative Assistant/Secretary	22.0301	50	13	6	6	100.00%	6	\$18,293	\$17,859	43-6012	\$25,082	\$12.06
(=) Criminal Justice/Police Science	43.0107	567	18	10	6	60.00%	6	\$18,095	\$14,216	33-3051	\$32,689	\$15.72
Health Professions and Related Clinical Sciences, Other	51.9999	32	19	9	8	88.89%	7	\$17,353	\$17,531	29-2000	\$26,694	\$12.83
(=) Aesthetician/ Esthetician and Skin Care Specialist	12.0409	20	19	17	14	82.35%	13	\$16,160	\$12,795	39-5094	\$20,941	\$10.07
(=) Child Care Provider/Assistant	19.0709	70	31	22	16	72.73%	16	\$13,157	\$16,888	39-9011	\$17,176	\$8.26
(=) Design and Visual Communications, General	50.0401	35	14	7	6	85.71%	5	\$12,823	\$14,813	27-1024	\$29,951	\$14.40

(=) Denotes High Demand (not High Wage) Occupations (per 2016 High Demand Occupations report, Kansas Department of Labor)

Programs recurring on the Programs less than \$20K Annual Average Wages list are color-coded by year according to the following table:

Recurring five years
Recurring four of five years
Recurring three of five years
Recurring two of five years

AY 2016 Programs Less than \$20K Annual Average Wages Totals	Declared Majors	Graduates	Graduates Exited	Graduates Exited and Employed	Percentage Graduates Exited and Employed
	1593	291	209	172	82.30%

10 of the 12 programs represented here provide training for occupations included on the 2017 High Demand Occupation listing from the Kansas Department of Labor. Occupations “with above average demand in one of the three categories” of Job Vacancy Survey Score, Short-Term Projections Score, or Long-Term Projections Score are listed on the High Demand Occupations list each year. When evaluating program performance; it will be important to look at a combination of the Labor Market Information available as occupations may be considered a “High Demand Occupation,” however; represent the possibility of graduates earning extremely low annual wages.

The **AY2016 Systemwide: Associate/Certificate Programs less than \$20K Annual Average Wages (less than five Graduates Exited and Employed)** table on page 12 reflects those programs with less than five Graduates Exited and Employed (as a percentage cannot be calculated due to small cell suppression) with average salaries of less than \$20,000 annually.

AY2016 Systemwide: Associate/Certificate Programs less than \$20K Annual Average Wages (less than five Graduates Exited and Employed)

Program Name	CIP Code	Total # Declared Majors	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Total # Graduates Exited and Employed with salary data	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed	SOC	Statewide Entry-level Annual Wage	Statewide Entry-level Hourly Wage
(=) Agroecology and Sustainable Agriculture	01.0308	9	*	*	*	*	\$18,887	\$18,887	11-9013	\$41,384	\$19.90
(=) Business/ Commerce, General	52.0101	10	*	*	*	*	\$16,536	\$16,536	11-1021	\$49,962	\$24.02
(=) Computer Installation and Repair Technology/ Technician	47.0104	14	5	*	*	*	\$15,368	\$15,368	49-2011	\$20,712	\$9.96
(=) Corrections and Criminal Justice, Other	43.0199	38	*	*	*	*	\$15,286	\$15,286	33-3012	\$27,743	\$13.34
Commercial and Advertising Art	50.0402	28	*	*	*	*	\$12,991	\$12,991	27-1021	\$37,305	\$17.93
Data Processing and Data Processing Technology/ Technician	11.0301	15	*	*	*	*	\$12,425	\$12,425	43-9011	\$28,975	\$13.93
(=) Health Aide	51.2601	29	*	*	*	*	\$11,993	\$11,993	31-1014	\$21,330	\$10.25
(=) Landscaping and Grounds keeping	01.0605	9	*	*	*	*	\$8,979	\$8,979	37-3012	\$25,428	\$12.22

(=) Denotes High Demand (not High Wage) Occupations (per 2016 High Demand Occupations report, Kansas Department of Labor)

Programs recurring on the Programs less than \$20K Annual Average Wages (less than five Graduates Exited and Employed) list are color-coded by year according to the following table:

Recurring five years
Recurring four of five years
Recurring three of five years
Recurring two of five years

AY 2016 Programs Less than \$20K Annual Average Wages Totals (less than 5 Graduates Exited and Employed	Declared Majors	Graduates	Graduates Exited	Graduates Exited and Employed	Percentage Graduates Exited and Employed
	152	24	15	11	73.33%

Overall, at the Certificate and Associate Degree levels; there were a total of 20 programs, systemwide, with average annual salaries less than \$20,000 earned by Graduates Exited and Employed. Nine of these programs have averaged annual salaries of graduates exited of less than \$20,000 for at least three of the last five academic years.

An additional 39 programs systemwide (not represented on the previous two tables) had graduated either a single student, or reported no Graduates Exited and Employed, and no salary data was available for them.

The **AY2016 High-Performing Program Candidates and Occupational Outlook** table on page 14 provides an example of how K-TIP and Labor Market Information (LMI) can be combined to provide a more complete picture of anticipated program performance. For this cohort, we chose programs that are on the cusp of being high-performing programs for the system.

For the purposes of program evaluation discussion, we started with those programs with graduate's average salaries immediately below \$40,000, we also segmented a group of programs with graduates earning *above* \$35,162 (80% of state wide average). In a total of 51 programs, systemwide, Graduates Exited and Employed are earning over \$35,162. (AY2015 saw 62 programs systemwide in this cohort). 28 programs were not included here either due to small cell protection of Graduates Exited and Employed, or inclusion in the High Performing Program listing on page 7.

Of the remaining 23 programs in average wages immediately below the \$40,000 limit; seven programs were removed due to less than five graduates exited and employed in the program for AY2016. We then matched the Classification on Instructional Program code (CIP) to the corresponding Standard Occupational Classification (SOC) code. One program was removed as no matching SOC code could be found.

This table compiles data from the AY2016 K-TIP report as well as information from the Department of Labor; including data from (1) the 2017 Wage Survey, the (2) 2017 High Demand High Wage List for occupations, the (3) 2016 High Demand occupation list, and the (4) Occupational Outlook report for 2014-2024.

AY2016 High-Performing Program Candidates and Occupational Outlook

Program Name	CIP Code	Total # Declared Majors	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	% Graduates Exited and Employed	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed	SOC	Total Employed 2017 Wage Survey (2017 Wage Survey)	2017 Statewide Entry Level Wage (2017 Wage Survey)	2016 Statewide Median Level Wage from 2017 Wage Survey	2017 Statewide Median Level Wage from 2014-2024 Outlook	# New & Re-placement Jobs 2014-2024	% Employment Change 2014-2024	Re-placement Index %	Typical Education Needed for Entry (2014-2024 Occupat. Proj.)
Radiologic Technology/ Science - Radiographer	51.0911	140	28	23	23	100.00%	\$39,962	\$40,123	29-2034	1,930	\$39,904	\$50,539	\$49,950	167	7.70%	64.70%	Associates
(\$) Electrical/ Electronics Equipment Installation and Repair, General	47.0101	66	16	16	15	93.75%	\$39,591	\$40,450	49-2092	200	\$32,919	\$45,018	\$37,370	-49	-7.00%	100.00%	PS non - degree
(\$) Fire Science/ Fire-Fighting	43.0203	589	77	64	54	84.38%	\$38,953	\$35,016	33-2011	3,570	\$24,372	\$35,820	\$35,500	184	4.80%	85.10%	PS non - degree
(*) (#) Respiratory Care Therapy/Therapist	51.0908	213	56	49	41	83.67%	\$38,865	\$44,130	29-1126	1,120	\$42,903	\$52,272	\$50,110	95	7.90%	64.70%	Associates
Flight Instructor / Commercial Pilots	49.0108	263	21	15	11	73.33%	\$38,714	\$41,600	53-2012	520	\$59,848	\$81,404	\$71,360	72	10.90%	72.60%	High-school
Massage Therapy/ Therapeutic Massage	51.3501	24	19	18	17	94.44%	\$38,623	\$33,800	31-9011	510	\$17,168	\$19,704	\$22,540	221	17.90%	37.20%	PS non - degree
(*) Health Information/ Medical Records Technology/ Technician	51.0707	353	71	63	48	76.19%	\$38,560	\$35,360	29-2071	2,120	\$25,831	\$33,903	\$33,390	260	10.70%	71.20%	PS non - degree
(\$) Clinical/Medical Laboratory Technician	51.1004	128	18	14	14	100.00%	\$37,342	\$38,071	29-2012	1,420	\$26,638	\$35,459	\$36,300	283	17.40%	60.00%	Associates
(*) Biology Technician/ Biotechnology Laboratory Technician	41.0101	122	16	12	12	100.00%	\$36,683	\$35,554	19-4021	690	\$32,831	\$40,848	\$40,190	73	12.10%	71.30%	Bachelors
(*) Civil Engineering Technology/ Technician	15.0201	27	15	10	8	80.00%	\$36,359	\$40,862	17-3022	1,270	\$32,461	\$43,692	\$41,330	-56	-4.20%	100.00%	Associates
(*) (#) Licensed Practical/ Vocational Nurse Training	51.3901	1,958	891	310	290	93.55%	\$36,352	\$36,195	29-2061	7,380	\$34,219	\$40,701	\$39,370	592	9.00%	73.00%	PS non - degree
Network and System Administration/ Administrator	11.1001	109	19	18	17	94.44%	\$36,097	\$33,565	15-1142	5,040	\$48,281	\$69,290	\$66,830	363	7.10%	68.90%	Bachelors
CAD/CADD Drafting and/ Or Design Technology/ Technician	15.1302	247	32	23	21	91.30%	\$35,943	\$37,949	17-3013	1,100	\$33,178	\$47,804	\$46,280	-86	-7.40%	100.00%	Associates
Culinary Arts/Chef Training	12.0503	256	18	17	13	76.47%	\$35,538	\$34,153	35-1011	1,180	\$22,514	\$33,762	\$32,650	103	9.40%	63.30%	High-school
(*) Aeronautical/ Aerospace Engineering Technology/ Technician	15.0801	100	42	36	34	94.44%	\$35,499	\$36,644	17-3021	420	\$40,748	\$59,308	\$58,310	-44	-13.60%	100.00%	Associates

Footnotes:

1. High Wage/High Demand Occupations are highlighted in green
 2. High Demand (not High Wage) Occupations are highlighted in orange
 3. (#) Denotes Outcome Metrics Programs
 4. (*) Denotes programs recurring on this list from AY2015
 5. (\$) Denotes AY2015 High Performing Programs
- The programs included on the AY2016 High-Performing Program Candidates and Occupational Outlook table report earnings for Graduates Exited and Employed of over 80% of the statewide average per the 2017 Wage Survey (State wide average = \$43,953 – 80% is \$35,162).
 - Six of the 15 programs included on the table are included in the 2017 High Demand/High Wage Occupation list.
 - Eight of the 15 programs are included in the 2016 High Demand Occupation list (2016 is last available on Department of Labor website).
 - 12 of the 15 programs reported Graduates Exited and Employed at over 80%.
 - In only four programs, the 2017 Statewide Entry level wage was HIGHER than that of program graduates.
 - Three programs were High Performing Programs in AY 2015, and six programs were included as High Performing Program Candidates for AY2015.
 - Using the 2014-2024 Occupational Outlook, 11 of 15 programs are projected to experience positive employment change, ranging from 4.8% growth in Fire Science to 17.9% in Massage Therapist
 - The Replacement Index percentage was a new addition to the 2014-2024 Occupational Outlook Report. This index represents the ratio of replacement jobs to total job openings. For instance, in Fire Science, 85.1% of the 184 New and Replacement Jobs projected for 2014-2024 are replacement jobs

Occupations “with above average demand in one of the three categories” of Job Vacancy Survey Score, Short-Term Projections Score, or Long-Term Projections Score are listed on the High Demand Occupations list each year. As we can see, it is important to look at a combination of the Labor Market Information available as an occupation may be considered a “High Demand Occupation” for a given year (Civil Engineering Tech is an example) however; have a 10-year Occupational Outlook demonstrating an overall reduction in workforce.

Workforce AID K-TIP

Workforce AID programs are a collaboration between the Kansas Department of Commerce and the Kansas Board of Regents. These programs are employer-driven, highly focused, short-term training programs resulting in college credit and industry-recognized certifications. Training providers are selected based on a competitive bidding process. Additional information is available at www.workforceaid.com. Workforce AID programs are included in the full AY2016 K-TIP reporting under the Short-Term programs.

The data reported on the **AY2016 Workforce AID K-TIP** table on page 17 represents programs offered during the Academic Year of AY2016. A total of seven Workforce AID programs were offered during AY2016, and some programs were offered in multiple classes throughout the year, such as Welding Technology at the Washburn University Institute of Technology.

We see the addition of a CIP code not typically included on K-TIP reporting, which is 30.9999. This CIP code is typically used for the Associate of Applied Science Degree in Technical Studies. It was necessary to add this CIP code as institutions have been successful recipients for Workforce AID programs which they do not currently offer to their regular post-secondary cohort. While we had to small-cell protect the number of students pursuing additional education in the Workforce AID programs; we have a total of eight students in multiple programs pursuing additional education.

Institutions have just completed the AY2017 reporting, and we will see a total of five Workforce AID programs for AY2017 K-TIP.

AY2016 Workforce AID K-TIP

CIP Code	Program Name	Institution	Total # Declared Majors	Total # Graduates	Total # Pursuing Additional Education	Total # Graduates Exited and Employed	Total # Graduates Exited and Employed with Salary Data	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed
15.0801	Aeronautical/Aerospace Engineering Technology/Technician	Wichita Area Technical College	58	45	*	41	38	\$35,986	\$35,372
15.0499	Electromechanical and Instrumentation and Maintenance Technologies/Technicians, Other	Cowley Community College	*	*	*	*	*	*	*
15.0613	Manufacturing Engineering Technology/Technician	Garden City Community College	13	13	*	11	11	\$26,353	\$32,681
48.0508	Welding Technology/Welder	Highland Community College	*	*	*	*	*	NR	NR
	Welding Technology/Welder	Manhattan Area Technical College	8	8	*	5	5	\$34,450	\$30,108
	Welding Technology/Welder	Washburn Institute of Technology	14	*	*	*	*	NR	NR
30.9999	Multi-/Interdisciplinary Studies, Other (ITIL)	Manhattan Area Technical College	18	18	*	*	*	NR	NR
	Grand Total		117	87	8	58	55	\$33,972	\$34,838

Calculated State Share of Costs per Program and per Student

The **AY2016 Calculated State Share of Costs per Program and per Student** table on page 19 combines data from the K-TIP report with the Institutional GAP Calculation report. The GAP Calculation reports total Calculated State Share of Costs by institution based on the KBOR Tiered and Non-Tiered Cost Model/Funding Formula. The following table includes data regarding the Calculated State Share of Costs at the program level for Academic Year 2016 for core programs. (A slight variation in the System Grand Total when compared to the Institutional GAP Calculation is present due to rounding.)

The Calculated State Share of Costs: TOTAL / PROGRAM represents the systemwide Tiered and Non-Tiered Calculated State Share of Costs by CIP code. This total amount is based on the course credit hour generation of students reported as Declared Majors within each program.

The Calculated State Share of Costs / Student divides the TOTAL/PROGRAM cost by the total number of Declared Majors for each program.

The System Grand Totals (Includes SAPP's) includes Calculated State Share of Costs for more students than the Declared Majors reported on K-TIP. For instance, this includes costs for students with a Declared Major of "None," "Undeclared," "Transfer Degrees," (including AS/AA/AGS) and the AAS in Technical Studies. Students listed with these Declared Majors are not reported on the K-TIP report.

AY2016 Calculated State Share of Costs per Program and per Student

CIP Code	Calculated State Share of Costs: TOTAL/ PROGRAM	Calculated State Share of Costs / Student	Program Name	Award	Total # Declared Majors	Total # Graduates	Total # Graduates Exited	Total # Graduates Exited and Employed	Percentage Graduates Exited and Employed	Total # Graduates Exited and Employed with salary data	Average Wage: Graduates Exited and Employed	Median Wage: Graduates Exited and Employed
47.0603	\$791,828.35	\$2,243.14	Auto body/Collision and Repair Technology/Technician	ASSOC/CERT	353	110	84	73	86.90%	62	\$26,000	\$24,960
47.0604	\$2,130,184.66	\$1,948.93	Automobile/Automotive Mechanics Technology/Technician	ASSOC/CERT	1,093	256	184	156	84.78%	146	\$24,142	\$24,960
46.0201	\$829,594.97	\$2,194.70	Carpentry/Carpenter	ASSOC/CERT	378	117	56	48	85.71%	44	\$27,264	\$28,432
51.0602	\$523,653.01	\$4,028.10	Dental Hygiene/Hygienist	ASSOC/CERT	130	39	34	30	88.24%	28	\$46,493	\$50,879
47.0605	\$392,592.00	\$4,267.30	Diesel Mechanics Technology/Technician	ASSOC/CERT	92	44	39	39	100.00%	35	\$34,728	\$35,624
46.0302	\$845,504.01	\$2,303.83	Electrician	ASSOC/CERT	367	138	103	92	89.32%	82	\$30,436	\$28,986
47.0201	\$1,178,173.33	\$2,475.15	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	ASSOC/CERT	476	150	128	114	89.06%	100	\$32,705	\$31,680
51.3901	\$8,020,460.67	\$4,096.25	Licensed Practical/Vocational Nurse Training	ASSOC/CERT	1,958	891	310	290	93.55%	277	\$36,352	\$36,195
51.0801	\$567,333.66	\$1,854.03	Medical/Clinical Assistant	ASSOC/CERT	306	98	73	66	90.41%	58	\$21,042	\$23,297
47.0613	\$631,663.67	\$2,467.44	Medium/Heavy Vehicle and Truck Technology/Technician	ASSOC/CERT	256	61	49	41	83.67%	37	\$34,140	\$31,898
51.0803	\$118,988.68	\$2,902.16	Occupational Therapist Assistant	ASSOC/CERT	41	18	18	18	100.00%	17	\$29,690	\$31,904
51.0806	\$878,029.66	\$2,245.60	Physical Therapy Technician/Assistant	ASSOC/CERT	391	99	95	92	96.84%	79	\$41,968	\$43,978
51.3801	\$6,605,123.83	\$2,249.70	Registered Nursing/Registered Nurse	ASSOC/CERT	2,936	830	660	631	95.61%	577	\$45,803	\$46,709
51.0908	\$609,794.32	\$2,862.88	Respiratory Care Therapy/Therapist	ASSOC/CERT	213	56	49	41	83.67%	40	\$38,865	\$44,130
48.0508	\$3,398,081.66	\$2,250.39	Welding Technology/Welder	ASSOC/CERT	1,510	509	367	313	85.29%	268	\$27,305	\$28,337
OM Program Grand Total	\$27,521,006.48	\$2,621.05	OM Program Totals		10,500	3,416	2,249	2,044	90.88%	1,850		
System Grand Totals (Includes SAPP's)	\$152,658,069.77		System Grand Totals (Includes SAPP's)		35,844	13,348	7,831	6,548	83.62%	5,934	\$28,745	\$26,204

2017 Program Evaluation considerations (AY2016 Data source):

It is anticipated that a significant priority will be placed on program evaluation processes when the Carl D. Perkins Grant is re-authorized. When those requirements are identified; K-TIP and the Department of Labor data will provide additional support to provide a critical view of how individual programs impact the workforce, and the employment outlook program completers should expect.

Utilizing existing measures such as Outcome Metrics measures and targets as a basic framework at the systemwide level in addition to the institution level for program evaluation would provide several points of evaluation, and may be incorporated with other identified requirements to assist in developing a consistent methodology. Effective program evaluation at the system level should include an array of components, and might include elements such as:

- Are certain programs consistently performing on employment and wage targets systemwide? Can common elements be identified that may provide insight for improvement in other programs?
- How might resources be directed to ensure performance is maintained in current or potentially high-performing programs?
- What is the occupational outlook for the corresponding program? Will more, less, or the same number of graduates exiting and entering the workforce be required? How soon? What does the current student “pipeline” look like?
- Can program graduates expect competitive salaries? Can entry-level wages earned be impacted through education or the use of different industry-recognized certifications?
- Can some programs offer exit points with fewer credit hour requirements to achieve the same occupational outlook in terms of employment and wages?
- Are the programs and exit points offered appropriately matched to the education levels required for the occupation?
- Can data such as the Calculated Costs per Program per Student in conjunction with Labor Market Information (LMI) begin to inform a return-on-investment model for evaluation?

Addressing the results of program evaluation might contain multiple elements as well as be addressed at multiple levels. Questions might include:

- What activities might be undertaken to maintain high performance as well as improve performance in programs performing at lower levels? By whom?
- How might state policy be used to improve program performance? How might initiatives such as Outcome Metrics, Employer Engagement, program alignment, and the Excel in CTE Initiative (SB155) be leveraged to maintain and improve performance?
- How might we work with students to aid their awareness of programs with an improved occupational outlook? (i.e., higher wages, long-term need for employment, etc.)

These are just a few of the questions and considerations that might be reviewed in the development of a matrix and policy concerning the performance of programs.

Career Technical Education Grant Opportunities

Summary

During the 2017-2018 academic year, the community and technical colleges have various grant opportunities available which support academic integration, technology, professional development, faculty internships, and more.

10/26/17

- Carl D. Perkins State Reserve Fund
 - *Provides support for innovative CTE programs, program delivery and/or CTE program expansion to meet critical workforce development needs*
- State Innovative Technology & Internship Program
 - *Provides support for innovative technical courses or programs in emerging technologies, manufacturing or areas of skill shortages, and faculty internships*
- Manufacturing Day
 - *Funds activities focused on increasing the number of students interested in manufacturing programs*
 - *Partnership with Department of Commerce and MAMTC*
- CTE Month
 - *Highlights National Career Technical Education Month*
 - *Focused on increasing awareness of CTE*
- Integrating Academics & Career Technical Education
 - *Implementing new partnerships between academics and career technical education programs, strategies which result in completion of degree and certificate programs, and professional development to support integration of academic instructors in the CTE classroom*
- Non-Traditional Student Participation & Completion
 - *Focus on strategies to improve non-traditional student participation and completion*
- Integrating Adult Education & Career Technical Education
 - *Implement contextualized academic instruction by adult education and CTE instructors in the CTE classroom*
- Jobs in Innovative Industry Skills
 - *Provides funding for innovative programs with private companies in Kansas needing specific job skills and other industry training needs that cannot be addressed with current funding streams*
- Integrated English Literacy & Civics Education Innovation
 - *Focus on preparing adults who are English language learners for placement in unsubsidized employment in in-demand industries and occupations that lead to economic self-sufficiency*

- Bring Your “A” Game to Work
 - *Funds support implementation of activities designed for successful deployment of the Center for Work Ethic Development “A” Game training and strategies*
 - *Included both CTE and Adult Education programs*

- Carl D. Perkins State Leadership Fund
 - *Supports statewide projects including professional development, Information Technology certifications for students and faculty, preparation for non-traditional fields in current and emerging professions, programs for special populations that lead to high-skill, high-wage or high demand occupations, technical assistance, and incentives for exemplary performance*