

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

The April 23, 2015 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**

Bruce Akin, Chair  
Kathy Howell, Vice Chair  
Thomas Burke  
Eddie Estes  
Ray Frederick Jr.

Michael Copeland for Pat George  
Steve Kearney  
Jay Scott for Brad Neuenswander  
Jackie Vietti

**Members Absent**

David Coleal  
Joe Glassman  
Lana Gordon

**Others Represented**

Barton Community College  
Hutchinson Community College  
Johnson County Community College  
Kansas City Kansas Community College  
Manhattan Area Technical College  
Neosho County Community College  
North Central Kansas Technical College

Northwest Kansas Technical College  
Pratt Community College  
Salina Area Technical College  
Washburn Institute of Technology  
Wichita Area Technical College  
Linda Fund

The meeting was called to order by Chair Akin at 10:00 AM.

**APPROVAL OF MINUTES**

**Motion:** Member Burke moved to approve the minutes of March 26, 2015. Following a second by Member Howell, the motion carried.

**REPORTS**

**Introductions**

Director Beene introduced Laura Birrell who has joined the KBOR staff as Associate Director for Career Technical Education. Associate Director Birrell, previously on staff at Salina Area Technical College, will work with institutions on Perkins activities.

Director Beene introduced two representatives from the U.S. Department of Education Office of Career, Technical and Adult Education (OCTAE) - Jay Savage and Len Lintner. The OCTAE representatives are conducting a Carl D. Perkins grant monitoring site visit at KBOR the week of April 20-24, 2015.

**Chair Report**

Chair Akin congratulated Vice President Flanders on his new appointment as President and CEO of the Kansas Board of Regents and thanked him for his leadership as executive director of the TEA.

Chair Akin announced that he and former TEA chairs, Member Howell and Member Glassman, will serve as a nominating committee to select candidates for chair and vice-chair of the TEA for the 2015-2016 year. Nominees will be presented to the TEA for consideration at the meeting on May 28, 2015.

### **Member Liaison Report**

Jay Scott reported Incoming Commissioner of Education Dr. Randy Watson and Interim Commissioner of Education Brad Neuenswander will conduct conversations with area Chambers of Commerce to reach out to the business community across the State. The conversations will focus on the needs of business and industry and attributes of a successful 24-year old Kansan. Information collected from the visits will be used to help direct the strategic plan for education in Kansas.

Member Frederick reported attending the news conference announcement of a new partnership called the Shocker Pathway between Wichita Area Technical College (WATC) and Wichita State University (WSU) on April 20, 2015 at the National Center for Aviation Training. The Shocker Pathway provides opportunity for students to earn an Associate of Arts (AA) degree from WSU. Students begin the pathway at WATC earning up to 50 transferable credit hours and upon completion of additional credit hours at WSU students will then earn an AA degree from WSU.

### **Vice President for Workforce Development Report**

Vice President Flanders extended condolences to Secretary Lana Gordon on the death of her mother April 20, 2015.

A survey regarding compensation levels of technical education faculty providing training for in-demand occupations has been sent to the two-year institutions. Vice President Flanders encouraged the institutions to complete the survey as soon as possible and the results will then be shared with the TEA.

Vice President Flanders reported he and Director Beene met with nursing directors from the universities and two-year colleges on April 17, 2015 to discuss the Kansas Nursing Initiative. He explained the Kansas Nursing Initiative was a ten-year initiative founded in 2006 to increase statewide enrollment in registered nursing programs. A panel, including representatives from education and the health care sector, will be convened to develop a new state plan and request for proposal (RFP) that would go into effect for FY 2017. The new RFP will address the changes in nursing, the health care industry and nursing education.

## **CONSENT AGENDA**

### **Technical Program and Curriculum Committee**

After discussion and a thorough review of the application materials, the Technical Program and Curriculum Committee recommended TEA approval of the Mental Health Technician (51.1505) technical certificate submitted by Fort Scott Community College, Neurodiagnostic Technology (51.0903) AAS degree submitted by Johnson County Community College and the Live Event Production (10.0202) technical certificate submitted by Pratt Community College and forwarding the programs to KBOR for final approval.

- **Fort Scott Community College**  
Mental Health Technician (51.1505) - Technical Certificate/45 credit hours
- **Johnson County Community College**  
Neurodiagnostic Technology (51.0903) – AAS degree/68 credit hours
- **Pratt Community College**  
Live Event Production (10.0202) - Technical Certificate/17 credit hours

**Motion:** Member Estes moved to recommend approval of the 45 credit hour Mental Health Technician (51.1505) technical certificate submitted by Fort Scott Community College, 68 credit hour Neurodiagnostic Technology (51.0903) AAS degree submitted by Johnson County Community College and the 17 credit hour Live Event Production (10.0202) technical certificate submitted by Pratt Community College and forwarding the

programs to KBOR for final approval. Following a second by Member Kearney, the motion passed unanimously.

## **DISCUSSION AGENDA**

### **Budget and Finance Committee**

#### **Kansas Innovative Technology Internship Grant**

Director Beene reported an allocation of \$179,284 was received for the Kansas Innovative Technology Internship program for FY 2015. The allocation balance to date is approximately \$20,000 which is available to fund internships for the remainder of FY 2015. This program was established to provide funds to career technical institutions for internships and start-up support for innovative technical courses or programs in emerging technologies, manufacturing or areas of skill shortages. The faculty internship grant awards enable faculty of career technical education institutions to work in an industrial setting or industrial employees to work in an educational setting at career technical education institutions.

Director Beene presented the following recommendation for the Kansas Innovative Technology Internship Grant. The proposal was reviewed by KBOR staff and submitted to the TEA for approval consideration.

- A request for \$3,000 in grant funds was received from Flint Hills Technical College for David Budke to increase instructor skills and knowledge in the areas of automation troubleshooting and instrumentation and industrial mechanics. The faculty member will work with industrial electricians and mechanics at Bradbury Company in Moundridge and Holley Frontier in El Dorado. The internships will provide further understanding of the daily skills and knowledge necessary in the workplace as well as opportunities for student internships and employment. The required business/industry match for the project is met through a donation of training time and tools valued at \$3,000.
- A request for \$3,000 in grant funds was received from Kansas City Kansas Community College to provide learning opportunities for Kristin Ball to better understand a governmental correctional facility and its relationship to educational programs with the institution. This internship with the Lansing Correctional Facility will assist the faculty member with the ability to develop appropriate and meaningful opportunities for students. Although valuable feedback is received from advisory boards, experience in this unique field will further enhance the programs. The required business/industry match for the project is met through a donation of supervisory and training time valued at \$3,000.
- A request for \$3,000 in grant funds was received from Highland Community College for Randy Culbertson to learn new collision repair and paint techniques and to also use new paint products and new plastic and fiberglass repair products. This internship at Luxury & Imports in Leavenworth will provide authentic experience as an estimator, shop manager and painter to transfer to the classroom. Working in the field will also provide additional student internship and employment opportunities. The required business/industry match for the project is met through a donation of training time, tools and products valued at \$3,000.
- A request for \$2,288 in grant funds was received from Coffeyville Community College for Cleo Ruark to learn current manufacturing inspection and quality control processes, gain knowledge of aerospace industry standard equipment and an understanding and application of exotic metals. Through the internship at Ducommun Aerostructures in Parsons the instructor will return to the classroom with up-to-date aerospace industry knowledge and field experience. The required business/industry match for the project is met through a donation of training time, software and updates valued at \$3,550.

**Motion:** Member Estes moved to approve the Kansas Innovative Technology Internship Grant awards of \$3,000 to Flint Hills Technical College for David Budke, \$3,000 to Kansas City Kansas Community College for Kristin Ball, \$3,000 to Highland Community College for Randy Culbertson and \$2,288 to Coffeyville Community College for Cleo Ruark. Following a second by Member Burke, the motion passed.

### Legislative Budget Update

Vice President Frisbie reported the Consensus Revenue Estimating Group met on April 20, 2015 and issued a new revenue estimate. The group lowered projected tax collections by approximately \$100 million for each fiscal year through FY 2017. The reduction for FY 2015, approximately \$87.5 million, primarily reflects a reduction in corporate income tax, sales tax and severance tax. Net transfers into the State General Fund (SGF) increased by \$243 million through legislation signed into law by Governor Brownback enacting changes to balance the current year budget.

For FY 2016, the Consensus Revenue Estimating Group reduced the net revenue estimate by \$98 million, also as a result of lower corporate income tax, sales tax and severance tax. Vice President Frisbie noted the new economic outlook is expected to be released soon in a long memo providing a more detailed summary of the economic forecast for the state.

The pattern is similar for FY 2017 with an estimated reduction of \$100 million in revenue due to downward projections from corporate income tax, sales tax and severance tax.

Vice President Frisbie explained the projections released April 20, 2015 are relative to those released in November 2014. She further explained no substantive tax bill changes have been enacted so far this legislative session.

The Human Services Consensus Caseload Estimate which was released on April 15, 2015 includes a net decrease of \$39 million (SGF) in costs for the combined FY 2015, FY 2016 and FY 2017 period. It is anticipated the Governor will issue a budget amendment that would capture this savings in the SGF budget.

The Legislature will return April 29, 2015 for the veto session and will have to reconcile both sides of the ledger. Vice President Frisbie noted the Legislature faces the financing of a \$6.5 billion budget with a consensus revenue estimate (CRE) of \$5.9 billion. The next big line item remaining for the \$6.5 billion budget, which includes \$3 billion for K-12 and \$1.2 billion for Human Services, is postsecondary education. Vice President Frisbie explained there are options that may be considered including large sweeps from the State Highway Fund and other SGF transfers embedded in the revenue estimates. The SGF transfers, which have not been made for many years and according to state law are to pick back up in 2016, could possibly again be rescinded.

### Discuss Proposed 2016 Distributions

Senior Director Johnson provided a summary of the methodology used to determine postsecondary state funding appropriations. In 2011 the Legislature enacted SB 143 establishing a new postsecondary technical education funding formula used for technical education (tiered technical education state aid) and also used for transfer/general education credit hours (non-tiered course credit hour grant). Then in the 2012 legislative session, SB 155 was enacted to provide free college tuition for high school students in postsecondary technical education courses and incentives to school districts for students earning industry-recognized credentials in high-demand occupations.

Funding for all three state line items is based on the KBOR cost model which calculates a cost rate at the course level and recognizes the cost differential in delivering technical education courses:  $TOTAL\ COURSE\ RATE = Instructor\ Cost + Extraordinary\ Cost + Instructional\ Support\ Cost + Institutional\ Cost$ . There are 25 cost model composite rates which ranged from \$155 - \$400 per student credit hour (SCH) in 2014. Each program course is designated "tier" or "non-tier". A tiered course must be a technical course and part of an approved technical program. Tiered courses are bucketed to group like courses together for a consistent rate across the system and to reflect course cost differentials. All other courses are designated non-tiered.

To determine the total calculated course cost, the course rate is multiplied by the total number of eligible student credit hours. The tiered technical education state aid and non-tiered course credit hour grant (SB

143) uses credit hour enrollment data from two years prior. Current year credit hour enrollment data is used for tuition in the Excel in Technical Education (SB 155) initiative.

The current tiered course financing assumptions for the total calculated cost based on credit hours for community college students residing inside an institution's taxing district is one-third student share, one-third local share and one-third state share. For community college students residing outside the institution's taxing district and for technical colleges, the tiered course financing structure is one-third student share and two-thirds state share. The state share for tiered technical courses delivered to secondary students (SB 155) is 100 percent.

- **Tiered Technical State Aid**

Senior Director Johnson reviewed the draft 2016 postsecondary tiered technical education state aid chart based on 2014 rates and student data and the current financing assumptions. The total KBOR calculated state share (KBOR calculated state share in-district plus KBOR calculated state share out-district) is \$66.6 million. The total amount for the 2016 proposed state distribution for tiered funding is \$58.3 million assuming the state appropriation will remain the same as FY 2015 prior to the allotment. This chart assumes the current proviso language will remain intact which stipulates that an institution cannot receive less than it received in the prior year unless the appropriation is less in which case each institution will receive an amount determined by KBOR. If there is an increase in funding, increases will be distributed based on each institution's calculated gap. The funding needed to close the gap, which totals \$8.3 million for all institutions, is the difference between the KBOR calculated state share and the proposed state distribution. Senior Director Johnson explained a positive gap indicates an institution is receiving less than their calculated state share and a negative gap indicates an institution is receiving more than their calculated state share. The total gap amount with no institution funding losses is \$11.1 million.

- **Non-Tiered Course Credit Hour Grant**

Senior Director Johnson presented the draft 2016 non-tiered course credit hour grant chart. The total KBOR calculated state share is \$87.2 million. The total amount of the 2016 proposed state distribution for the non-tiered course credit hour grant is almost \$76.5 million assuming the state appropriation will remain the same as FY 2015 prior to the allotment. The funding needed to close the gap for non-tiered courses totals almost \$10.8 million and almost \$12.8 million with no institution funding losses.

Senior Director Johnson explained the current proviso as well as the current financing assumptions for tiered courses do not technically apply to non-tiered courses although past practice has been to apply the same criteria (financing assumptions and proviso language) to non-tiered courses as applied to tiered courses. Vice President Flanders noted that in the past the TEA charge has not included a consideration of non-tiered course funding policy. However, at the last KBOR meeting on April 15, 2015 the Regents voted to charge the TEA to examine the non-tiered funding line item.

- **Re-centering Calculations**

An additional 2016 draft scenario chart of the postsecondary tiered technical education state aid was presented assuming the proviso regarding the distribution of tiered funding would not be included in the budget bill for FY 2016. Senior Director Johnson explained the chart shows a distribution using the formula and re-centering based on each institution's share of the calculated cost with no new money added. The chart includes the following information for the tiered technical education state aid: current KBOR calculated state share, each institution's percent of the calculated state share, proposed current 2016 state distribution for each institution based on their percentage of the calculated state share, proposed 2016 state distribution based on the current proviso and the increase or decrease in the amount each institution would receive based on re-centering, the difference in the distribution methodologies and the gap percentage of current distribution methodology. A similar draft chart assuming the proviso would not be included in the budget bill for FY 2016 was also presented for the non-tiered course credit hour grant.

Senior Director Johnson presented a draft chart showing both the re-centered postsecondary tiered technical education state aid and re-centered non-tiered course credit hour grant. The chart also showed the combined tiered/non-tiered total re-centered distribution, combined tiered/non-tiered current distribution and combined difference in distribution methodologies. For a complete understanding of the full distribution each institution receives, the postsecondary tiered technical education state aid and the non-tiered course credit hour grant need to be considered together.

Member Howell inquired what the major source of the gap in funding is for the institutions - facilities, instructor salaries or student tuition costs, etc. She asked the institutions represented to share how the TEA could help to support the system overall. Presidents from the following institutions provided comment: Clark Coco, Washburn Institute of Technology; Tony Kinkel, Wichita Area Technical College; Greg Goode, Salina Area Technical College; and Brian Inbody, Neosho County Community College.

Senior Director Johnson explained a proposal for the FY 2016 distribution for postsecondary tiered technical education state aid will be presented to the TEA at the meeting on May 28, 2015 to formulate a recommendation for the Regents to address at their June 2015 meeting.

### **Technical Program and Curriculum Committee**

Chair Akin recognized Member Vietti for a report from the TEA Tier/Non-Tier Course Reclassification Subcommittee.

#### **Report from Tier/Non-Tier Course Reclassification Subcommittee**

Member Vietti provided a summary of the agenda items addressed at the April 23, 2015 meeting of the TEA Tier/Non-Tier Course Reclassification Subcommittee. She reported that one set of appeals from the first list of courses moved from tiered to non-tiered status has been received for computer application and criminal justice. According to the approved appeal process, an administrative review will be conducted by KBOR staff for all appeals received by the April 30, 2015 deadline. A list of the courses submitted for appeal will be shared with the field on May 1, 2015. The appeals will then be reviewed by the TEA Technical Program and Curriculum Committee at the conference call meeting on May 14, 2015 and the committee will formulate recommendations to be presented to the full TEA for consideration when they meet May 28, 2015.

A second list of existing tiered courses to be considered for potential reclassification to non-tiered status according to the approved course review process has been identified. The list will be presented to the TEA for approval in August 2015 and subsequently to the Regents in September 2015. Reclassification of the approved second list of tiered courses will be effective in FY 2017. An appeal process will be provided for the second list of tiered courses moved to non-tiered status. Revisions to improve the appeal process, if any, learned as a result of the first appeal process will be implemented by November 2015 for the TEA and Regents for all colleges. A third and final list of existing tiered courses to be considered for potential reclassification to non-tiered status will take effect in FY 2018.

Member Vietti reported the subcommittee discussed the proviso and draft language to extend the hold harmless agreement to provide a window of time for developing a plan for re-centering and managing the impact of removing the proviso. The draft language would call for a preliminary plan to be developed by the TEA and KBOR by November 1, 2015 and then presented to the House Appropriations Committee and the Senate Ways and Means Committee by February 1, 2016. The draft language has been shared with the field and although all institutions are not in unanimous agreement there is consensus regarding the language among the community and technical colleges.

Member Vietti noted a strategy relative to financing assumptions of the cost model, the distribution formula, and re-centering needs to be reviewed systemically. The subcommittee plans to meet prior to the May 28, 2015 TEA meeting to address funding and financing assumptions as well as funding policies regarding non-tiered courses.

**OPEN COMMENT PERIOD**

Eric Burks, President of North Central Kansas Technical College, shared with the TEA that retention of faculty is a concern. He further explained that by statute the third Friday in May is the deadline to notify instructors of continuation of their contracts and if the budget has not yet been decided by the Legislature by this date the colleges are faced with a difficult situation regarding faculty contracts. President Burks suggested developing a proposal to extend or change the third Friday in May deadline.

**OTHER MATTERS****2015-2016 Qualifying Credentials List for SB 155**

Senior Director Johnson reminded the TEA that SB 155, now K.S.A. 72-4489, which passed in 2012 established the CTE Incentive Program which provides incentive awards, as sufficient monies are appropriated, to school districts for high school graduates who have obtained qualifying industry-recognized credentials in high-demand occupations either prior to graduation or by December immediately following graduation. The incentive dollars awarded for FY 2014, at \$1000 for each credential earned, totaled \$1.4 million.

The list of credentials qualifying for the incentive program is developed by the Kansas Department of Labor (KDOL) in consultation with KBOR and the Kansas State Department of Education (KSDE) based on the following criteria.

- Occupations must have an industry credential (certification or license).
- Courses leading to that credential are available to high school students.
- The credential is attainable by a high school student within six months of high school graduation or before.
- Wages for the occupation must be at least 70 percent (\$28,868) of the average annual wage in Kansas (\$41,240) or, if the occupation does not meet the wage criteria, the credential for the occupation must be a stackable credential and required for the next occupation level.
- The education level for the occupation requires at least a high school diploma as designated by KDOL.
- Occupations must have an overall demand score between 10 and 30 using the metric developed by KDOL based on job vacancy, short-term job projections, long-term job projections, and wage data.

Minor modifications made to the proposed 2015-2016 list of qualifying certifications/credentials from the current year include updated certification information and to reflect changes in occupational areas in highest need of additional skilled employees. The proposed 2015-2016 SB 155 credential incentive list was provided. Structural Metal Fabricators and Fitters, previously on phase out, now qualifies for the incentive program due to change in the overall demand score. Food Service Managers is a new occupation added to the proposed list of incentive programs. Assemblers and Fabricators (all other) no longer meets the wage criteria and has been added to the 2016 phase out list. For this occupation credential to be eligible for the incentive award, students who started courses in 2014-2015 must earn the credential by December 2016. For occupations on the 2015 phase out list, the credential must be earned by December 2015. According to statute, institutions receive notification of the credentials that qualify for the incentive program on an annual basis.

Following the presentation, TEA members and KBOR staff discussed credentials required by industry or profession versus required by institutions, the interpretation of a stackable credential versus a prerequisite and the philosophy of the legislation that established the CTE Incentive Program. Senior Director Johnson explained the occupations on the list are a subset of the high demand occupation list which meets the criteria for the secondary incentive program. She noted the qualifying credentials list does not limit any programs eligible for the SB 155 tuition reimbursement.

**Motion:** Following discussion, Member Vietti moved the TEA endorse the 2015-2016 SB 155 credential incentive list and forward to KBOR for final approval and that the CTE Incentive Program credential qualifying criteria be reviewed. Following a second by Member Kearney, the motion carried. The 2015-2016 SB 155 qualifying credential incentive list is filed with the original minutes.

**ADJOURNMENT**

Chair Akin called for adjournment. The next TEA meeting is scheduled for Thursday, May 28, 2015 at the KBOR office.

Respectfully submitted by:  
Deej Cowling, Executive Assistant

**APPROVED 2015-2016 SB 155 Qualifying Credential Incentive List**

<b>2010 Standard Occupational Codes (SOC)</b>	<b>Classification of Instructional Program (CIP) Code</b>	<b>Occupation</b>	<b>Credentials/Certifications Qualifying for Incentive Payment</b>	<b>Average Annual Wages</b>
53-3032	49.0205	Truck Drivers, Heavy and Tractor-Trailer	Commercial Driver License (CDL)	\$40,300
31-1012, 31-1014	51.2601, 51.3902	Nursing Assistants, Orderlies **	Certified Nurse Aide (CNA)	\$23,110
15-1151	01.0106, 11.1006, 51.0709	Computer Support Specialists **	Cisco-- Certified Entry Networking Technician; CompTIA - A+; CompTIA --Network +; Certified Network Associate; Certified Network Professional   Microsoft-- Microsoft Technology Associate (MTA); Microsoft Certified Solutions Associate (MCSA)	\$44,530
49-3023	47.0600, 47.0604, 47.0614, 47.0617	Automotive Service Technicians and Mechanics	<i>Automotive Service Excellence (ASE) -- ASE Student Certification in all 4 of the following areas: Brakes, Electrical/Electronic Systems, Engine Performance, and Suspension and Steering – OR ASE Student Certification in at least one of the following areas: Maintenance and Light Repair (MLR), Automobile Service Technician (AST) or Master Automobile Service Technician (MAST)</i>	\$38,740
51-4121	15.0614, 48.0508	Welders, Cutters, Solderers, and Brazers	<i>American Welding Society (AWS) -- 3 Position Qualifications D1.1 standard or higher (AWS - 1F, 2F and 1G); American Society of Mechanical Engineers (ASME) Section 9 Standards (6G level)</i>	\$35,150
47-2031	46.0201	Carpenters	<i>National Center for Construction Education and Research (NCCER) - Core Curriculum: Introduction to Craft Skills and Carpentry Level 1</i>	\$39,760
53-3033	49.0205	Truck Drivers, Light or Delivery Services,	Commercial Driver License (CDL)	\$33,840
47-2111	46.0302	Electricians	<i>National Center for Construction Education and Research (NCCER) - Core Curriculum: Introduction to Craft Skills and Electrical Level 1</i>	\$48,610
49-9041	47.0303	Industrial Machinery Mechanics	<i>National Center for Construction Education and Research (NCCER) -- Core Curriculum: Introduction to Craft Skills and Industrial Maintenance Level I; Society of Maintenance &amp; Reliability Professionals-- Certified Maintenance &amp; Reliability Technician (CMRT)</i>	\$44,500
49-3031, 49-3041	47.0605, 47.0613	Bus and Truck Mechanics and Diesel Engine Specialists	<i>Automotive Service Excellence (ASE)-- ASE Student Certification in all 4 of the following areas: Diesel Engines, Electrical/Electronic Systems, Brakes, and Steering &amp; Suspension</i>	\$41,950
51-4011	48.0510	Computer-Controlled Machine Tool Operators, Metal and Plastic	<i>National Institute for Metalworking Skills (NIMS) - Machining Level 1</i>	\$34,040
47-2152	46.0502, 46.0503, 46.0599	Plumbers, Pipefitters, and Steamfitters	<i>National Center for Construction Education and Research (NCCER) - Core Curriculum: Introduction to Craft Skills and Plumbing and Pipefitting Level 1</i>	\$48,290
49-9021	15.0501, 47.0201	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	<i>ICE - -Core +Residential Air Conditioning &amp; Heating or Light Commercial Air Conditioning &amp; Heating or Commercial Refrigeration; North American Technician Excellence (NATE) -- Core + 1 one of the following specialty areas: Air Conditioning, Air Distribution, Air-to Air Heat Pumps, Gas Furnaces, Oil Furnaces, Hydronics Gas, Light Commercial Refrigeration, Commercial Refrigeration, Ground Source Heat Pump Loop Installer; HVAC Excellence -- Core Areas (Electrical &amp; Refrigeration Theory) + one of the following specialty areas: Air Conditioning, Gas Heat, &amp; Electrical or Light Commercial Air Conditioning, Gas Heat &amp; Electrical or Light Commercial Refrigeration &amp; Electrical; National Center for Construction Education and Research (NCCER)-- Core + HVAC Levels 1 &amp; 2</i>	\$44,070
47-2211	48.0506, 46.0411	Sheet Metal Workers	<i>Manufacturing Skills Standards Council (MSSC) - Certified Production Technician (CPT), National Center for Construction Education and Research (NCCER) - Core Curriculum: Introduction to Craft Skills and Sheet Metal Level 1, National Institute for Metalworking Skills (NIMS) - Metal Forming I</i>	\$43,020
51-4041	48.0501, 48.0503	Machinists	<i>National Institute for Metalworking Skills (NIMS) - Machining Level 1</i>	\$39,690
11-9013	01.0101, 01.1012, 01.0199	Farmers, Ranchers, and Other Agricultural Managers **	<i>Kansas Department of Agriculture (KDA) -- KS Commercial Pesticide Applicators Certificate, Kansas Department of Agriculture (KDA) -- Agriculture Skills and Competencies Certificate</i>	\$95,190***

**APPROVED 2015-2016 SB 155 Qualifying Credential Incentive List**

2010 Standard Occupational Codes (SOC)	Classification of Instructional Program (CIP) Code	Occupation	Credentials/Certifications Qualifying for Incentive Payment	Average Annual Wages
49-3041	1.0205	Farm Equipment Mechanics	<i>Automotive Service Excellence (ASE)</i> -- ASE Student Certification in all 4 of the following areas: Diesel Engines, Electrical/Electronic Systems, Brakes, and Steering & Suspension	\$36,560
33-2011	43.0203	Fire Fighter	National Firefighter I Certification	\$41,420
51-2041	48.0503, 48.0511	Structural Metal Fabricators and Fitters	<i>Manufacturing Skills Standards Council (MSSC)</i> - Certified Production Technician (CPT), <i>National Center for Construction Education and Research (NCCER)</i> - Core Curriculum: Introduction to Craft Skills and Sheet Metal Level 1, <i>National Institute for Metalworking Skills (NIMS)</i> - Metal Forming I	\$40,750
11-9051	12.0504	Food Service Managers	<i>National Restaurant Association Educational Foundation</i> - ProStart National Certificate of Achievement; ServSafe Food Protection Manager	46,550
** Stackable Credentials				
*** Average Annual Wage - reflects the occupation listed which requires bachelors degree and/or substantial experience in the field. This salary is not likely achievable for students completing the associated credential				

<b>*2016 Phase Out Occupations: Occupations on the 2015 SB155 Certifications/Credentials List but no longer meet the In-Demand/Wage/Education criteria (Only for students who started courses in 2014-2015; Credential must be earned before December 2016)</b>				
51-2099	48.0503, 48.0511	Assemblers and Fabricators, All Other	<i>Manufacturing Skills Standards Council (MSSC)</i> - Certified Production Technician (CPT), <i>National Institute for Metalworking Skills (NIMS)</i> - Machining Level I	\$26,480

\*Occupations fall below the minimum demand, wage, or educational requirement criteria; in some cases credentials may also be associated with in-demand occupations listed above

<b>*2015 Phase Out Occupations: Occupations on the 2014 SB155 Certifications/Credentials List but no longer meet the In-Demand/Wage/Education criteria (Only for students who started courses in 2013-2014; Credential must be earned before December 2015)</b>				
51-8093	41.0301, 41.0303	Petroleum Pump System Operators, Refinery Operators, and Gaugers	<i>National Center for Construction Education and Research (NCCER)</i> - Core Curriculum: Introduction to Craft Skills and Control Center Operations	\$61,340
45-2091	01.0204	Agricultural Equipment Operators	Commercial Driver License (CDL)	\$31,510
35-1012	12.0504	First-line Supervisors/Managers of Food Preparation and Serving workers	<i>National Restaurant Association Educational Foundation</i> - ProStart National Certificate of Achievement; ServSafe Food Protection Manager	\$27,290
49-3021	47.0603	Automotive Body and Related Repairers	<i>Automotive Service Excellence (ASE)</i> -- ASE Student Certification on any of the following areas: Painting & Refinishing, Structural Analysis & Damage Repair, Non-Structural Analysis & Damage Repair, or Mechanical & Electrical; <i>Inter-Industry Conference on Auto Collision Repair (I-CAR)</i> --Refinish Technician ProLevel 1	\$38,900
53-7051	49.9999	Industrial Truck and Tractor Operators	<i>Commercial Driver License (CDL)</i>	\$32,350

\*Occupations fall below the minimum demand, wage, or educational requirement criteria; in some cases credentials may also be associated with in-demand occupations listed above