

Career Technical Education (CTE) in Kansas

A new, innovative plan to enhance career technical education in Kansas was launched in 2012 with Senate Bill 155. It was designed to better prepare high school students for college and careers. Beginning with the 2012-2013 school year, Kansas high school students could qualify for free college tuition in approved technical courses offered at Kansas technical and community colleges. The program also provides the school districts with a \$1,000 incentive for each high school student who graduates from that district with an industry-recognized credential in a high-need occupation.

A list of those occupations that are included on the qualifying credential incentive list can be found on the Kansas Board of Regents website. The list (attached) includes but is not limited to the following occupations: heavy and tractor-trailer truck drivers, computer support specialists, automotive service technicians and mechanics, carpenters, welders, electricians, plumbers and pipefitters, sheet metal workers, and heating, air-conditioning, and refrigeration mechanics and installers.

Budget History

2012 Session – the Legislature changed the Governor's \$20.5 million from SGF recommendation to \$10.25 million to come from transfers from severance tax revenues above the April 2012 consensus estimate for 2013. This funding did not occur.

2013 Session – SB 171 This was the first biennial budget with no agency request for FY 2015
FY 2013:

Incentive for Technical Education = \$1.5 million (to the schools)

Tuition for Technical Education = \$8.75 million (to the students)

FY 2014:

Incentive = \$1.5 million

Tuition = \$8.75 million

FY 2015:

Incentive = \$1.5 million

Tuition = \$8.75 million

2014 Session – Sen Sub for HB 2506

FY 2015

Tuition = \$9.25 million added for a total in FY 2015 of \$18.0 million

2015 Session

Board of Regents request for FY 2015, FY 2016 and FY 2017:

Incentive = \$1.5 million

Tuition = \$20.75 million (KBOR early estimates of the 2014-2015 school year participation shows the need for an additional \$2.85 million in FY 2015)

Participation

The number of students participating in the postsecondary career technical education program has grown significantly. This has resulted in a growth of college credit hours generated and credentials earned by students in high school since the inception of the initiative in 2012. The following table, from the Board of Regents website, shows the participation in the program.

	2010-2011	2011-2012	2012-2013	2013-2014
Participating Headcount	3,475	3,870	6,101	8,208
College Credit Hours Generated	28,000	28,161	44,087	60,799
Credentials Earned	--	548	711	1,419

For additional information:

http://www.kansasregents.org/workforce_development/excel_in_career_technical_education_initiative_senate_bill_155

2014-2015 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
53-3032	49.0205	Truck Drivers, Heavy and Tractor-Trailer	Commercial Driver License (CDL)	\$39,890
31-1012	51.2601	Nursing Assistants, Orderlies **	Certified Nurse Aide (CNA)	\$23,030
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 <i>Microsoft--</i> Microsoft Technology Associate (MTA); Microsoft Certified Solutions Associate (MCSA)	\$44,000
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>	\$37,580
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>	\$35,110
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>	\$40,420
53-3033	49.0205	Truck Drivers, Light or Delivery Services,	Commercial Driver License (CDL)	\$32,560
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>	\$48,310
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 & Reliability Professionals-- Certified Maintenance & Reliability Technician (CMRT)</i>	\$44,840
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 & Suspension</i>	\$41,650
51-4011	48.0510	Computer-Controlled Machine Tool Operators, Metal and Plastic	<i>National Institute for Metalworking Skills (NIMS) - Machining Level 1</i>	\$33,680
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>	\$48,940
49-9021	15.0501, 47.0201	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	<i>ICE --Core +Residential Air Conditioning & Heating or Light Commercial Air Conditioning & 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 & Refrigeration Theory) + one of the following specialty areas: Air Conditioning, Gas Heat, & Electrical or Light Commercial Air Conditioning, Gas Heat & Electrical or Light Commercial Refrigeration & Electrical; National Center for Construction Education and Research (NCCER)-- Core + HVAC Levels 1 & 2</i>	\$43,810
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>	\$43,300
51-4041	48.0501, 48.0503	Machinists	<i>National Institute for Metalworking Skills (NIMS) - Machining Level 1</i>	\$37,730
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***

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2014-2015 SB 155 Qualifying Credential Incentive List

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2010 Standard Occupational Codes (SOC)	Classification of Instructional Program (CIP) Code	Occupation	Credentials/Certifications Qualifying for Incentive Payment	Average Annual Wages
51-2099	48.0503, 48.0511	Assemblers and Fabricators, All Other	<i>Manufacturing Skills Standards Council (MSSC) - Certified Production Technician (CPT), National Institute for Metalworking Skills (NIMS) - Machining Level I</i>	\$44,070
49-3041	1.0205	Farm Equipment Mechanics	<i>Automotive Service Excellence (ASE)-- ASE Student Certification in all 4 of the following areas: Diesel Engines, Electrical/Electronic Systems, Brakes, and Steering & Suspension</i>	\$36,590
33-2011	43.0203	Fire Fighter	National Firefighter I Certification	\$40,200
** 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				

*2015 Phase Out Occupations: Occupations on the 2014 SB155 Certifications/Credentials List but not longer meet the In-Demand/Wage/Education criteria (Only for students who started courses in 2013-2014; Credential must be earned before December 2015)				
51-8093	41.0301, 41.0303	Petroleum Pump System Operators, Refinery Operators, and Gaugers	<i>National Center for Construction Education and Research (NCCER) - Core Curriculum: Introduction to Craft Skills and Control Center Operations</i>	\$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 - ProStart National Certificate of Achievement; ServSafe Food Protection Manager</i>	\$27,290
49-3021	47.0603	Automotive Body and Related Repairers	<i>Automotive Service Excellence (ASE)-- ASE Student Certification on any of the following areas: Painting & Refinishing, Structural Analysis & Damage Repair, Non-Structural Analysis & Damage Repair, or Mechanical & Electrical; Inter-Industry Conference on Auto Collision Repair (I-CAR)--Refinish Technician ProLevel 1</i>	\$38,900
53-7051	49.9999	Industrial Truck and Tractor Operators	Commercial Driver License (CDL)	\$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

*2014 Phase Out Occupations: Occupations on the 2013 SB155 Certifications/Credentials List but not longer meet the In-Demand criteria (Only for students who started courses in 2012-2013; Credential must be earned before December 2014)				
51-2041	48.0503, 48.0511	Structural Metal Fabricators and Fitters	<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>	\$38,580
47-2061	46.0000, 46.0201, 46.0415	Construction Laborers	<i>National Center for Construction Education and Research (NCCER) - Core Curriculum: Introduction to Craft Skills and Construction Laborer</i>	\$30,520
47-2051	46.0402	Cement Masons and Concrete Finishers	<i>National Center for Construction Education and Research (NCCER) - Core Curriculum: Introduction to Craft Skills and Concrete Finishing, National Center for Construction Education and Research (NCCER) --Core Curriculum: Introduction to Craft Skills and Introduction to Masonry Level 1</i>	\$36,530

*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