

# **Kansas Pathway Assessments, Credentials, and Certifications (K- PAC) List - 2024-2025**



## MISSION

To prepare Kansas students for lifelong success through rigorous, quality academic instruction, career training and character development according to each student's gifts and talents.

## VISION

Kansas leads the world in the success of each student.

## MOTTO

Kansans Can

## SUCCESS DEFINED

A successful Kansas high school graduate has the

- Academic preparation,
- Cognitive preparation,
- Technical skills,
- Employability skills and
- Civic engagement

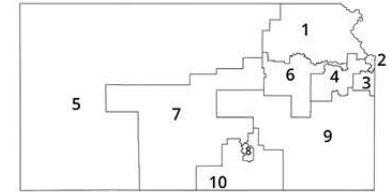
to be successful in postsecondary education, in the attainment of an industry recognized certification or in the workforce, without the need for remediation.

## OUTCOMES

- Social-emotional growth
- Kindergarten readiness
- Individual Plan of Study
- Civic engagement
- Academically prepared for postsecondary
- High school graduation
- Postsecondary success



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*Kansas leads the world in the success of each student.*

Jan. 18, 2024

# Kansas Pathway Assessments, Credentials, or Certifications (K-PAC)

The K-PAC includes Assessments, Credentials and Certifications by Pathway

The K-PAC, Kansas Pathway Assessments, Credentials, and Certifications document is organized by Pathway. The assessments, credentials and certifications are listed by name and CTE certification code number. In addition, the assessments and credentials are organized

## Color Coding for Career Fields/Clusters

Media & Technology Field	Public Services Field	Health Field
Arts, A/V Communication Cluster	Education & Training Cluster	Health Science Cluster
Information Technology Cluster	Government & Public Administration Cluster	Agriculture Field
Design, Production & Repair Field	Law, Public Safety and Security Cluster	Agriculture Cluster
Transportation Cluster	Business Field	Family & Consumer Sciences Field
Architecture & Construction Cluster	Business Management & Administration Cluster	Hospitality & Tourism Cluster
Engineering Cluster	Finance Cluster	Human Services Cluster
Manufacturing Cluster	Marketing Cluster	

Pathway	Assessments, Credentials or Certifications	CTE Certification Code	SB123 Industry Sought Credentials	Excel in CTE (SB155) Qualifying Recognized Credential Incentive List	KPAC	Postsecondary Success Approved High School Credentials	CPPSA: Comprehensive Third Party End of Pathway Assessment for Completer Status	CPPSA: Comprehensive Industry Recognized Certification for Pathway Completer Status	CPPSA: Minimum Certification Requirement for Pathway Approval
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### AGRICULTURE CLUSTER

#### Agribusiness Systems

	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025		X	X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	cPass: Comprehensive Agriculture Assessment	1114				X	2016-2017	X	
	NC3: Data Analytics/Harnessing the Power of Data	1147				X			X

#### Animal Science

	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025		X	X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	cPass: Comprehensive Agriculture Assessment	1114				X	2016-2017	X	
	cPass: Animal Science Assessment	1116				X		X	
	Youth for the Quality Care of Animals: YQCA	1136				X			X
	KS Dept. of Agriculture: Animal Science Skills and Competencies	1143	X	2024-2025		X			X
	Dog Handler	1144				X			X
	NC3: Data Analytics/Harnessing the Power of Data	1147				X			X

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<b>Biotechnology in Agriculture</b>									
	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025		X	X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	cPass: Comprehensive Agriculture Assessment	1114			X	2016-2017	X		
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Comprehensive Agriculture Science</b>									
	KS Livestock Association: Beef Quality Assurance	1038			X	2018-2021			X
	KS Dept. of Revenue: Commercial Driver's License	1050	X	2024-2025	X	2016-2025			X
	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025			X
	NSTMOP: Tractor Safety	1086			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	KS Dept. of Agriculture: Pesticide Applicator (Personal or Commercial)	1100	X	2024-2025	X	2018-2025			X
	KS Restaurant & Hospitality: ServSafe – Food Handlers	1106			X	2016-2020			X
	cPass: Comprehensive Agriculture Assessment	1114			X	2016-2017	X		
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Food Products &amp; Processing Systems</b>									
	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025		X	X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	KS Restaurant & Hospitality: ServSafe – Food Handlers	1106			X	2016-2020			X
	cPass: Comprehensive Agriculture Assessment	1114			X	2016-2017	X		

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	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Natural Resources &amp; Environmental Systems</b>									
	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025			X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	KS Dept. of Agriculture: Pesticide Applicator (Personal or Commercial)	1100	X	2024-2025	X	2018-2025			X
	cPass: Comprehensive Agriculture Assessment	1114			X	2016-2017	X		
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Plant Systems</b>									
	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025		X	X
	KS Dept. Of Agriculture: KS Plant Systems Skills & Competencies	1072	X	2024-2025	X	2018-2025		X	X
	NSTMOP: Tractor Safety	1086			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	KS Dept. of Agriculture: Pesticide Applicator (Personal or Commercial)	1100	X	2024-2025	X	2018-2025			X
	cPass: Comprehensive Agriculture Assessment	1114			X	2016-2017	X		
	cPass: Plant Systems Assessment	1117			X		X		
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Power Structural &amp; Technical Systems</b>									
	American Welding Society: SENSE Certification - Level 1	1037			X	2016-2025		X	X
	KS Dept. of Revenue: Commercial Driver's License	1050	X	2024-2025	X	2016-2025			X
	KS Dept. of Agriculture: KS Agriculture Skills & Competencies	1071	X	2024-2025	X	2016-2025		X	X
	NSTMOP: Tractor Safety	1086			X				X

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	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	cPass: Comprehensive Agriculture Assessment	1114			X	2016-2017	X		
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

## ARCHITECTURE & CONSTRUCTION CLUSTER

### Construction & Design

	American Design Drafting Association (ADDA) - Certified Drafter	1010			X				X
	AHRI - HVAC Certifications	1021			X				X
	Autodesk: User, Professional, Specialist	1035			X				X
	EPA: Section 608 - handling & buying refrigerants)	1059			X				X
	HVAC Excellence: Core & Air Conditioning, Gas Heat & Electrical	1064	X	2024-2025	X	2018-2025			X
	HVAC Excellence: Core & Light Commercial Air Conditioning, Gas Heat & Electrical	1065	X	2024-2025	X	2018-2025			X
	HVAC Excellence: Core & Light Commercial Refrigeration & Electrical	1066	X	2024-2025	X	2018-2025			X
	ICE: Core & Commercial Refrigeration	1068	X	2024-2025	X	2018-2025			X
	ICE: Core & Light Commercial Air Conditioning & Heating	1069	X	2024-2025	X	2018-2025			X
	ICE: Core & Residential Air Conditioning & Heating	1070	X	2024-2025	X	2016-2025			X
	NATE: Core & Air Conditioning	1080	X	2024-2025	X	2016-2025			X
	NATE: Core & Air Distribution	1081	X	2024-2025	X	2018-2025			X
	NATE: Core & Air to Air Heat Pumps	1082	X	2024-2025	X	2018-2025			X

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	NATE: Core & Gas or Oil Furnaces	1083	X	2024-2025	X	2018-2025			X
	NATE: Core & Light Commercial/Commercial al Refrigeration	1084	X	2024-2025	X	2018-2025			X
	NCCER: Core & Carpentry Level 1	1087	X	2024-2025	X	2016-2025		X	X
	NCCER: Core & Concrete Finishing	1088			X	2018-2025			X
	NCCER: Core & Construction Laborer	1089			X	2018-2025		X	X
	NCCER: Core & Electrical Level 1	1090	X	2024-2025	X	2016-2025			X
	NCCER: Core & HVAC Levels 1 & 2	1091	X	2024-2025	X	2016-2025			X
	NCCER: Core & Masonry Level 1	1093			X	2018-2025			X
	NCCER: Core & Plumbing & Pipefitting Level 1	1094	X	2024-2025	X	2018-2025			X
	NCCER Core & Sheet Metal Level 1	1095			X	2018-2025			X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	Solid Works: Software	1110			X				X
	International Code Council: Building Construction	1124			X	2018-2025			X
	NCCER: Core & Carpentry Level 2	1125			X	2018-2025		X	X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

### Arts, A/V Technology & Communications Cluster

Digital Media									
	Adobe: Dreamweaver	1013			X				X
	Adobe Photoshop	1019			X				X
	Adobe Premier Pro	1020			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	Microsoft (MOS) Excel	1127			X				X

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	Microsoft (MOS) PowerPoint	1128			X				X
	Microsoft (MOS): Access	1129			X				X
	Microsoft (MOS) Word	1130			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Graphic Design</b>									
	Adobe In-Design	1017			X				X
	Adobe Photoshop	1019			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

<b>BUSINESS MANAGEMENT &amp; ADMINISTRATION CLUSTER</b>									
<b>Business Management &amp; Entrepreneurship</b>									
	Adobe Illustrator	1016			X				X
	MBA Research (ASK): Concepts of Business Management	1031			X		X		X
	ASK - MBA Research - Fundamental Business Concepts Certification	1033			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	Intuit: QuickBooks Certified User	1123			X				X
	Microsoft (MOS) Excel	1127			X				X
	Microsoft (MOS) PowerPoint	1128			X				X
	Microsoft (MOS): Access	1129			X				X
	Microsoft (MOS) Word	1130			X				X
	MBA Research (ASK): Concepts of Entrepreneurship	1135			X		X		X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X



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**EDUCATION & TRAINING CLUSTER**

**Teaching/Training**

	AAFCS (pre-PAC): Education Fundamentals	1008			X		X		X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	Master Teacher, Inc: Paraeducator assessment (Parts 1 & 2 - must take both)	1137			X		X	X	X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

**ENGINEERING CLUSTER**

**Aviation Production**

	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	ISCET: Associate Level CET Exam	1149			X		X	X	
	ISCET: Electronics Systems Associate (ESA) Exam	1150			X		X	X	

**Engineering & Applied Mathematics**

	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	ISCET: Associate Level CET Exam	1149			X		X	X	
	ISCET: Electronics Systems Associate (ESA) Exam	1150			X		X	X	

**Energy**

	Center for Energy Workforce Development: Energy Industry Fundamentals	1058			X	2018-2025			X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

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	ISCET: Associate Level CET Exam	1149			X		X	X	
	ISCET: Electronics Systems Associate (ESA) Exam	1150			X		X	X	

## FINANCE CLUSTER

Business Finance									
	MBA Research (ASK): Concepts of Finance	1032			X		X		X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	Intuit: QuickBooks Certified User	1123			X				X
	Microsoft (MOS) Excel	1127			X				X
	Microsoft (MOS) PowerPoint	1128			X				X
	Microsoft (MOS): Access	1129			X				X
	Microsoft (MOS) Word	1130			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	Fundamental Payroll Certification (FPC)	1174			X				X

## GOVERNMENT & PUBLIC ADMINISTRATION CLUSTER

Government & Public Administration									
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

## HEALTH SCIENCE CLUSTER

Health Science									
	American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR) Infant/Child	1039			X				X
	KS. Dept. for Aging & Disability Services Certified Medical Aide (CMA)	1041	X		X	2016-2025		X	X
	KS Dept. for Aging & Disability Services: Certified Nurse Aide (CNA)	1042	X	2024-2025	X	2016-2025		X	X

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	National Health career Association/National Center for Competency Testing, American Medical Certification Association (EKG/ECG/ECT) Technician	1055			X	2018-2025			X
	KS Emergency Medical Services Association: Emergency Medical Responder (EMR) (First Responder)	1056			X	2018-2025			X
	KS Emergency Medical Services Association: Emergency Medical Technician (EMT)	1057	X	2024-2025	X	2016-2025		X	X
	American Red Cross/ American Heart Association: First Aid	1062			X				X
	KS Dept. for Aging & Disability Services: Home Health Aide	1063			X	2016-2025		X	X
	National Consortium for Health Science Education: National Health Science Assessment	1085			X		X		
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	KS Board of Pharmacy/Pharmacy Technician Certification Board: Pharmacy Technician	1101	X	2024-2025	X	2018-2025			X
	National Health career Association/American Society for Clinical Pathology/American Medical Certification Association: Phlebotomy Technician	1102	X	2024-2025	X	2018-2025			X
	KS Dental Board: Dental Assistant	1122	X	2024-2025	X	2018-2025		X	X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	American Red Cross/American Heart Association: Basic Life Support (BLS)	1153			X				X
	American Red Cross/American Heart Association: Advanced Life Support (ACLS/ALS)	1161			X				X

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	American Red Cross/American Heart Association: Automated External Defibrillator (AED)	1162			X				X
	American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR)	1163			X				X
	American Red Cross/American Heart Association: Pediatric Advanced Life & Support (PALS)	1164			X				X
	NHA, AMCA: Certified Patient Care Technician (CPCT/A)	1166			x				X
<b>Biochemistry</b>									
	KS Dept. of Agriculture: Pesticide Applicator (Personal or Commercial)	1100	X	2024-2025	X	2018-2025			X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	American Red Cross/American Heart Association: Basic Life Support (BLS)	1153			X				X
	Biotility -Applied Biotech Training: Biotechnician Assistant Credential (BACE)	1167			X				X
	Bioscience Core Skill Institute (BCSI): Aseptic Technique (Lab Bench Level)	1168			x				X
	Bioscience Core Skill Institute (BCSI): Essential 5	1169			X				X
	Bioscience Core Skill Institute (BCSI): Numeracy	1170			X				X
	Bioscience Core Skill Institute (BCSI): Safety - Hazard Assessment	1171			X				X
	Bioscience Core Skill Institute (BCSI): Small Volume Metrology	1172			X				X
<b>Biomedical</b>									
	American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR) Infant/Child	1039			X				X
	KS Dept. for Aging & Disability Services: Certified Nurse Aide (CNA)	1042	X	2024-2025	X	2016-2025			X

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	American Red Cross/ American Heart Association: First Aid	1062			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	American Red Cross/American Heart Association: Basic Life Support (BLS)	1153			X				X
	Biotility -Applied Biotech Training: Biotechnician Assistant Credential (BACE)	1167			X				X
	Bioscience Core Skill Institute (BCSI): Aseptic Technique (Lab Bench Level)	1168			x				X
	Bioscience Core Skill Institute (BCSI): Essential 5	1169			X				X
	Bioscience Core Skill Institute (BCSI): Numeracy	1170			X				X
	Bioscience Core Skill Institute (BCSI): Safety - Hazard Assessment	1171			X				X
	Bioscience Core Skill Institute (BCSI): Small Volume Metrology	1172			X				X

## HOSPITALITY & TOURISM CLUSTER

### Restaurant & Event Management

	AAFCS Pre-Pac: Broad Field Family & Consumer Sciences	1002			X		X	X	X
	AAFCS (pre-PAC): Culinary Arts	1003			X		X		X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	KS Restaurant & Hospitality Association: Pro-Start	1104	X	2024-2025	X		X		X
	KS Restaurant & Hospitality: ServSafe – Food Handlers	1106			X	2016-2020			X
	KS Restaurant & Hospitality: ServSafe – Manager	1107	X	2024-2025	X	2016-2025			X

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	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Travel &amp; Tourism</b>									
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

**HUMAN SERVICES CLUSTER**

**Early Childhood Development & Services**

	AAFCS Pre Pac: Broad Field Family & Consumer Sciences	1002			X		X		X
	AAFCS (pre-PAC): Early Childhood Education	1004			X		X		X
	American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR) Infant/Child	1039			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	KCCTO: Foundation for Safe & Healthy Early Care Facilities: Module (18 clock hours) (must complete all)	1138			X		X		X
	Council for Professional Recognition: Child Development Associates (CDA)	1141			X		X	X	X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

**Family, Community & Consumer Services**

	AAFCS Pre-Pac: Broad Field Family & Consumer Sciences	1002			X		X		X
	AAFCS (pre-PAC): Family & Community Services	1005			X		X		X
	AAFCS (pre-PAC): Nutrition, Food & Wellness	1006			X		X		X
	AAFCS (pre-PAC): Personal & Family Finances	1007			X		X		X

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	CareerSafe: OSHA Cyber Safety Awareness Training - Level 2	1040			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Fashion &amp; Interior Design</b>									
	AAFCS (pre-PAC): Fashion, Textiles & Apparel	1001			X		X		X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	AAFCS (pre-PAC): Interior Design Fundamentals	1142			X		X		X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

<b>INFORMATION TECHNOLOGY CLUSTER</b>										
<b>Information Support &amp; Services</b>										
	Adobe Digital Publishing Suite	1012			X		X		X	
	CISCO: CCNA	1045			X	2016-2025		X	X	
	CISCO: CCNP	1046			X	2018-2025		X	X	
	CISCO: CCIE	1047			X	2018-2025		X	X	
	CISCO: CCDE	1048			X	2018-2025		X	X	
	CompTIA: A+	1051	X		2024-2025	X	2018-2025		X	X
	CompTIA: Network+	1052	X		2024-2025	X	2018-2025		X	X
	CompTIA: Server+	1053	X		2024-2025	X	2018-2025		X	X
	CompTIA: Security+	1054	X		2024-2025	X	2018-2025		X	X
	Microsoft (MOS): Microsoft Office Specialist - Associate A	1073				X		X		X
	Microsoft (MOS): Microsoft Office Specialist - Expert A	1145				X		X		X
NC3: Data Analytics/Harnessing the Power of Data	1147				X				X	
<b>Network Systems</b>										
	CISCO: Certified Entry Networking Technician CCENT	1044			X	2018-2025		X	X	
	CISCO: CCNA	1045			X	2016-2025		X	X	

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	CISCO: CCNP	1046			X	2018-2025		X	X
	CISCO: CCIE	1047			X	2018-2025		X	X
	CISCO: CCDE	1048			X	2018-2025		X	X
	Citrix: Certified Associate - Networking	1049			X	2018-2025		X	X
	CompTIA: A+	1051	X	2024-2025	X	2018-2025		X	X
	CompTIA: Network+	1052	X	2024-2025	X	2018-2025		X	X
	CompTIA: Server+	1053	X	2024-2025	X	2018-2025		X	X
	CompTIA: Security+	1054	X	2024-2025	X	2018-2025		X	X
	Microsoft (MOS): Microsoft Office Specialist - Associate A	1073			X		x		X
	Microsoft (MOS): Microsoft Office Specialist - Expert A	1145			X		X		X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Programing &amp; Software Development</b>									
	Adobe Dreamweaver	1013			X				X
	Adobe Illustrator	1016			X				X
	CISCO: CCNA	1045			X	2016-2025		X	X
	CISCO: CCNP	1046			X	2018-2025		X	X
	CISCO: CCIE	1047			X	2018-2025		X	X
	CISCO: CCDE	1048			X	2018-2025		X	X
	CompTIA: A+	1051	X	2024-2025	X	2018-2025			X
	CompTIA: Network+	1052	X	2024-2025	X	2018-2025			X
	CompTIA: Server+	1053	X	2024-2025	X	2018-2025			X
	CompTIA: Security+	1054	X	2024-2025	X	2018-2025			X
	Microsoft (MOS): Microsoft Office Specialist - Associate A	1073			X				X
	Apple: App Development with Swift - Level 1	1140			X		X		
	Microsoft (MOS): Microsoft Office Specialist - Expert A	1145			X		X		X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
<b>Web &amp; Digital Communications</b>									
	Adobe Dreamweaver	1013			X				X
	Adobe Frame Maker	1015			X			X	X
	CISCO: CCNA	1045			X	2016-2025		X	X



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	CISCO: CCNP	1046			X	2018-2025		X	X
	CISCO: CCIE	1047			X	2018-2025		X	X
	CISCO: CCDE	1048			X	2018-2025		X	X
	CompTIA: A+	1051	X	2024-2025	X	2018-2025			X
	CompTIA: Network+	1052	X	2024-2025	X	2018-2025			X
	CompTIA: Server+	1053	X	2024-2025	X	2018-2025			X
	CompTIA: Security+	1054	X	2024-2025	X	2018-2025			X
	Microsoft (MOS): Microsoft Office Specialist - Associate A	1073			X				X
	Apple: App Development with Swift - Level 1	1140			X		X		
	Microsoft (MOS): Microsoft Office Specialist - Expert A	1145			X		X		X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X

### LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY CLUSTER

#### Corrections, Security, Law & Law Enforcement

	American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR) Infant/Child	1039			X				X
	International Federation of Protection Officers: Certified Protection Officer	1043			X	2018-2025			X
	KS Emergency Medical Services Association: Emergency Medical Responder (EMR) (First Responder)	1056			X	2018-2025			X
	American Red Cross/ American Heart Association: First Aid	1062			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	American Red Cross/American Heart Association: Basic Life Support (BLS)	1153			X				X

#### Emergency & Fire Management Services

Pathway	Assessments, Credentials or Certifications	CTE Certification Code	SB123 Industry Sought Credentials	Excel in CTE (SB155) Qualifying Recognized Credential Incentive List	KPAC	Postsecondary Success Approved High School Credentials	CPPSA: Comprehensive Third Party End of Pathway Assessment for Completer Status	CPPSA: Comprehensive Industry Recognized Certification for Pathway Completer Status	CPPSA: Minimum Certification Requirement for Pathway Approval
	American Red Cross/American Heart Association: Cardiopulmonary Resuscitation (CPR) Infant/Child	1039			X				X
	KS Emergency Medical Services Association: Emergency Medical Responder (EMR) (First Responder)	1056			X	2018-2025			X
	KS Emergency Medical Services Association: Emergency Medical Technician (EMT)	1057	X	2024-2025	X	2016-2025		X	X
	Local Fire Departments: Fire Fighter - Level 1	1061	X	2024-2025	X	2018-2025		X	X
	American Red Cross/ American Heart Association: First Aid	1062			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	American Red Cross/American Heart Association: Basic Life Support (BLS)	1153			X				X
	Local Fire Departments: Fire Fighter - Level 2	1165			X			X	X
	DOT: Hazardous Materials Transportation	1173			X				X

## MANUFACTURING CLUSTER

### Manufacturing

	American Design Drafting Association (ADDA) - Certified Drafter	1010			X				X
	AHRI - HVAC Certifications	1021			X			X	X
	ASME - Section 9 Standards (6G level)	1034	X	2024-2025	X				X
	American Welding Society: Certification - Level 1	1036	X	2024-2025	X	2016-2025		X	X
	American Welding Society: SENSE Certification - Level 1	1037			X	2016-2025		X	X
	EPA: Section 608 - handling & buying refrigerants)	1059			X				X
	HVAC Excellence: Core & Air Conditioning, Gas Heat & Electrical	1064	X	2024-2025	X	2018-2025		X	X

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	HVAC Excellence: Core & Light Commercial Air Conditioning, Gas Heat & Electrical	1065	X	2024-2025	X	2018-2025		X	X
	HVAC Excellence: Core & Light Commercial Refrigeration & Electrical	1066	X	2024-2025	X	2018-2025		X	X
	ICE: Core & Commercial Refrigeration	1068	X	2024-2025	X	2018-2025		X	X
	ICE: Core & Light Commercial Air Conditioning & Heating	1069	X	2024-2025	X	2018-2025		X	X
	ICE: Core & Residential Air Conditioning & Heating	1070	X	2024-2025	X	2016-2025		X	X
	MSSC: Certified Production Technician (CPT)	1079			X	2016-2025			X
	NATE: Core & Air Conditioning	1080	X	2024-2025	X	2016-2025		X	X
	NATE: Core & Air Distribution	1081	X	2024-2025	X	2018-2025		X	X
	NATE: Core & Air to Air Heat Pumps	1082	X	2024-2025	X	2018-2025		X	X
	NATE: Core & Gas or Oil Furnaces	1083	X	2024-2025	X	2018-2025		X	X
	NATE: Core & Light Commercial/Commercial al Refrigeration	1084	X	2024-2025	X	2018-2025		X	X
	NCCER: Core & Electrical Level 1	1090	X	2024-2025	X	2016-2025		X	X
	NCCER: Core & HVAC Levels 1 & 2	1091	X	2024-2025	X	2016-2025		X	X
	NCCER: Core & Industrial Maintenance level 1	1092	X	2024-2025	X	2018-2025		X	X
	NCCER: Core & Plumbing & Pipefitting Level 1	1094	X	2024-2025	X	2018-2025		X	X
	NCCER Core & Sheet Metal Level 1	1095			X	2018-2025			X
	NIMS: Machining Level 1	1096	X	2024-2025	X	2016-2025		X	X
	NIMS: Metal Forming I	1097			X	2018-2025			X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X

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	SMRP: Certified Maintenance & Reliability Technician	1109	X	2024-2025	X	2018-2025		X	X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	ISCET: Associate Level CET Exam	1149			X		X	X	
	ISCET: Electronics Systems Associate (ESA) Exam	1150			X		X	X	

### MARKETING CLUSTER

Marketing									
	Adobe: Campaign Business Practitioner	1011			X				X
	Adobe Dreamweaver	1013			X				X
	Adobe Illustrator	1016			X				X
	Adobe Media Optimizer	1018			X				X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	Intuit: QuickBooks Certified User	1123			X				X
	MBA Research (ASK): Fundamental Marketing Concepts	1126			X		X		X
	Microsoft (MOS) Excel	1127			X				X
	Microsoft (MOS) PowerPoint	1128			X				X
	Microsoft (MOS): Access	1129			X				X
	Microsoft (MOS) Word	1130			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	Google: Analytics	1151			X				X
	Facebook: Blueprint	1152			X				X

### TRANSPORTATION CLUSTER

Aviation Maintenance									
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	ISCET: Associate Level CET Exam	1149			X		X	X	

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	ISCET: Electronics Systems Associate (ESA) Exam	1150			X		X	X	
	Federal Aviation Administration (FAA) – General Exam and Aviation Maintenance Technician Airframe	1155	X	2024-2025	X	2023-2025			X
	Federal Aviation Administration (FAA) – General Exam and Aviation Maintenance Technician Powerplant	1156	X	2024-2025	X	2023-2025			X
<b>Mobile Equipment Maintenance</b>									
	ASE - Automobile Service Technician	1022	X	2024-2025	X	2016-2025		X	X
	ASE - Maintenance & Light Repair	1023	X	2024-2025	X	2016-2025		X	X
	ASE - Master Automobile Service Technician	1024	X	2024-2025	X	2018-2025		X	X
	ASE - Mechanical & Electrical	1025	X	2024-2025	X	2016-2025		X	X
	ASE - Non-Structural Analysis & Damage Repair	1026	X	2024-2025	X	2016-2025		X	X
	ASE - Painting & Refinishing	1027	X	2024-2025	X	2016-2025		X	X
	ASE - Structural Analysis & Damage Repair	1028	X	2024-2025	X	2016-2025		X	X
	ASE - Student Certification (4 areas)	1029	X	2024-2025	X	2016-2025		X	X
	ASE - Student Certification Diesel (4 areas)	1030	X	2024-2025	X	2018-2025		X	X
	EPA: Section 609 - servicing motor vehicle air conditioners & for buying refrigerant	1060			X				X
	I-CAR: Refinish Technician ProLevel 1	1067	X	2024-2025	X	2018-2025		X	X
	CareerSafe: OSHA Safety Certification (10 Hour)	1098			X				X
	NC3: Data Analytics/Harnessing the Power of Data	1147			X				X
	ASE - Student Certification (2 areas)	1148			X				X

Certifications that are currently on the Excel in CTE Qualifying Credentials list that are not in an approved pathway.

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	Health Coder Certification	1157	X	2024-2025		2023-2025			
	Health Information Technician	1158	X	2024-2025		2023-2025			
	Paramedic Certification	1159	X	2024-2025		2023-2025			
	CISCO Certified Support Technician	--	X	2024-2025					
	NATE: Core & Hydronics Gas	--	X	2024-2025					
	NATE: Core & Ground Source Heat Pump Loop Installer	--	X	2024-2025					
	American Medical Technologist (AMTE) - Registered Phlebotomy Tech	--	X	2024-2025					
	National Phlebotomy Association Certification (NPCE) - Certified Phlebotomist Technologist	--	X	2024-2025					

## Links to related Documents

### Pathway Assessments, Credentials or Certifications (organized by Cluster and Pathway)

[Kansas Career Cluster Guidance Handbook 2025-2026](#)

Column 3	CTE Certification Code (utilized for reporting assessments, credentials or certifications) <a href="#">K I D S 2024-2025 Collection System File Specifications</a>
Column 4	<a href="#">SB123 Industry Sought Credentials, Senate Bill 123 (kslegislature.org) (legislation/law began in 2023)</a>
Column 5	Excel in CTE (SB155) Qualifying Recognized Credential Incentive List <a href="#">KBOR: Excel in CTE (SB155) &amp; SB 123 Qualifying Credential Lists</a>
Column 6	KPAC (The document referenced)
Column 7	Postsecondary Success Approved High School Credentials <a href="#">KSDE: Postsecondary Success List</a>

### The following columns are utilized for the Kansas Career Pathway Program of Study Application:

Column 8	Comprehensive Third Party End of Pathway Assessment for Completer Status
Column 9	Comprehensive Industry Recognized Certification for Pathway Completer Status
Column 10	Minimum Certification Requirement for Pathway Approval

**COMPLETER DEFINITION:** This is a student who has completed a minimum of three (3) secondary level credits in a single CTE pathway, with at least two (2) of those credits being a combination of technical and application level courses.

### A completer must also earn or complete at least one or more of the following:

- 1) Earn an end of pathway assessment/certification for completer status (industry-recognized certification or a passing score on a third-party, end-of-pathway assessment).
- 2) Earn an Excel in CTE qualifying recognized credential aligned to the pathway.
- 3) Earn nine (9) + college hours leading to completion of a certificate or postsecondary program aligned to the pathway's program of study.
- 4) Complete a high-quality work-based learning career preparation experience, Kansas work-based learning continuum, in the pathway defined in [Kansas Work-Based Learning: Personalized Learning Plan Guidance Document \(ksde.org\)](#)