

# Kansas State Department of Education Updates

November 21, 2024

# Our Vision for Kansas ...



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





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



# What are the fundamentals?

- Structured Literacy: Ensuring effective literacy instruction.
- Standards Alignment: Aligning classroom instruction to standards.
- Balanced Assessment System: Using data to inform instruction.
- Quality Instruction: Promoting quality instruction through high expectations.

Establish fundamentals as the basis for school improvement in Kansas.



# Kansas School Improvement Model

## Fundamentals

*(The foundation for school improvement in Kansas Schools)*

### Structured Literacy

We provide literacy instruction aligned to the science of reading and assure teachers and admin are well-trained and knowledgeable in the elements and implementation of structured literacy.

### Standards Alignment

We align lessons, instruction, and materials to Kansas standards and clearly identify what students must know and be able to do. This includes interpersonal, intrapersonal, and cognitive skills in pre-K-12.

### Balanced Assessment

We assess students for risk and standards and use data to adjust instruction. We have a deep understanding of the purpose of each assessment and how to use the data to raise achievement.

### Quality Instruction

We have a culture of high expectations in our classrooms and provide each student access to grade level standards and content through high-quality instructional materials.

## Structures

*(Reinforce lead indicators and sustain fundamentals within the system)*

### Resource Allocation

Budget emphasis on implementing high-quality instructional materials (HQIM) and professional development aligned to state standards and structured literacy.

### Educator Evaluation

Educator evaluation processes and conversations account for standards in pre-K-12 and optimizing conditions for learning in classrooms.

### Professional Learning

District professional development and mentoring plans account for the alignment of classroom practice with state standards and HQIM to optimize conditions for learning in classrooms.

### Professional Collaboration

Collaboration system includes grade level and content area teachers aligning instruction with state standards and HQIM to optimize conditions for learning in classrooms.

### Tiered System of Supports

Data analysis and utilization includes screening for risk and performance against standards. Appropriate time is provided for core activities and interventions to meet student needs.

### Family, Community and Business Partnerships

Educators, families, and community partners collaborate to ensure students are progressing on state standards, competencies, and postsecondary readiness indicators.

## Lead Indicators

*(Actions that support implementation of the Fundamentals)*

## Measures of Progress

*(How we know the action is being implemented effectively)*

- Short Term Target
- One Year Target
- DLT Responsibilities

- Short Term Target
- One Year Target
- DLT Responsibilities

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- One Year Target
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- Short Term Target
- One Year Target
- DLT Responsibilities

- Short Term Target
- One Year Target
- DLT Responsibilities

- Short Term Target
- One Year Target
- DLT Responsibilities



# Kansas Graduation Requirements – Class of 2028 and beyond

## What are the minimum high school graduation requirements in Kansas?

Each local board of education must have a written policy specifying that students are eligible for graduation only upon completion of at least the following requirements:

- Four units of English language arts, which shall include reading, writing, literature, and grammar and at least one-half unit of communications. The building administrator may waive up to one unit of this requirement if the administrator determines that a pupil can profit more by taking another subject.
- Three units of history and government, which shall include world history; United States history; United States government, including the Constitution of the United States; concepts of economics and geography.
- Three units of science, which shall include physical, biological, and earth and space science concepts and which shall include at least one unit as a laboratory course.
- Three units of mathematics, including algebraic and geometric concepts
- One half unit of physical education,
- One half unit of health which may include safety, first aid or physiology.
- One unit of fine arts, which may include art, music, dance, theatre, forensics, and other similar studies selected by a local board of education
- One half unit of financial literacy
- One unit of advanced science, technology, engineering advanced math.

- Four and one half units of elective courses

### Post Secondary Assets

- Two or more accomplishments approved by the state board that demonstrates a pupil will be a successful Kansas high school graduate:
  - Youth Apprenticeships
  - 40 or more Community Service hours
  - Client-centered Projects
  - Workplace learning experience directly related to a student IPS
  - Industry-Recognized Certifications
  - Seal of Biliteracy
  - ACT Composite (Score of 21 or higher)
  - WorkKeys Level (Silver or higher)
  - 9+ College hours
  - State Assessment scores of 3 or 4 for Math, ELA, Science (demonstrating College Readiness)
  - ASVAB per requirements of military branch selected
  - SAT score (1200 or higher)
  - Completing Board of Regents Curriculum
  - International Baccalaureate Exam (4+)
  - Advanced Placement Exam (3+)
  - CTE Scholar
  - Eagle Scout or Gold Scout
  - 4-H Kansas Key Award
  - Two or more high school athletics/activities
  - JROTC
  - 95% attendance in high school
  - Senior Exit Interview/Senior Projects
  - State CTSO Officers

## Graduation



# Math Assessment Scores



State Level	Year	% Level 1	% Level 2	% Level 3	% Level 4
State	2022	34.19	36.44	20.69	8.66
State	2023	33.13	35.55	21.28	10.01
State	2024	33.24	35.14	21.27	10.33

Math is assessed in grades 3-8 and 10.

Scores above include all grade levels assessed, all students.

# English Language Arts Assessment Scores

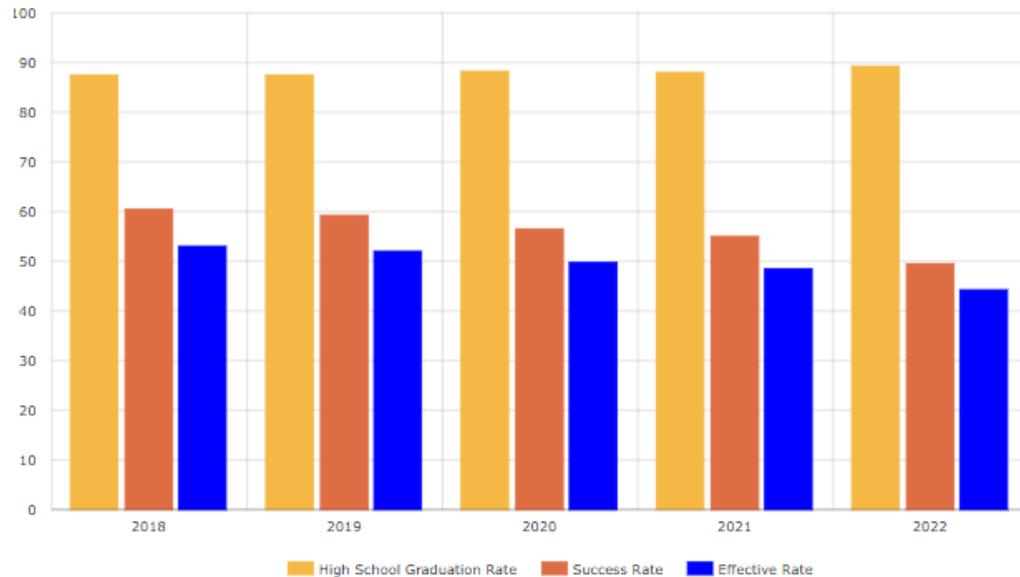


State Level	Year	% Level 1	% Level 2	% Level 3	% Level 4
State	2022	33.94	33.95	24.52	7.57
State	2023	32.89	33.91	24.99	8.18
State	2024	32.77	33.67	25.28	8.27

ELA is assessed in grades 3-8 and 10.

Scores above include all grade levels assessed, all students.

# Postsecondary Progress



**Kansans Can Lead the World!**  
 Graduation: 95%  
 Effective Rate: 70-75%

Five Year Graduation Average:  
 88.1

Five Year Success Average:  
 56.1

Five Year Effectiveness Average:  
 49.0

95% Confidence Interval for the  
 Predicted Effectiveness Rate  
 N/A

Class	High School Graduation Rate	Success Rate	Effective Rate
2018	87.5	59.9	52.4
2019	87.5	58.5	51.2
2020	88.3	55.5	49.0
2021	88.1	53.6	47.3
2022	89.3	49.6	44.3

\* Reflects District Level Aggregate Data

\*Five year averages are calculated based on available data and rounded to the nearest whole number.

\*Graduation rate has not yet been finalized for this year.

# Chronic Absenteeism Rates



State	Rate
2022	25.41
2023	21.82
2024	19.77

The calculations for attendance rate is days in attendance divided by days in membership.

A student is deemed chronically absent if a student misses 10% or more of school days.

The state's chronic absenteeism rate decreased this year by 2.05%.

# Career and Technical Education



# 2022-2023

## 55,302 CTE Participants\*



\*Participant: A student who has earned one (1) but less than two (2) secondary level credits in a single career and technical education (CTE) pathway.

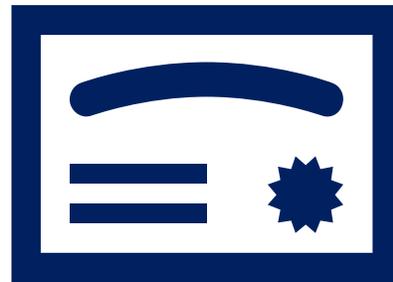


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# 2022-2023

## 30,934 CTE Concentrators



Concentrator: A student who has earned two (2) or more secondary level credits in a single CTE pathway, with those credits within any combination of two levels AND has met at least 70% proficiency on the technical skills across those 2.0 credits through several technical skill measures.



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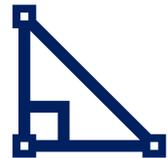


# Academic Proficiency\* - Concentrators

**2022-2023**



• **29.35% Reading**



• **24.83% Math**



• **32.17% Science**



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\*Proficient: Scoring in level 3 or 4 on the State Assessments



# Career and Technical Student Organizations

2022-2023

24,856 Members



BPA  
DECA  
FBLA  
FCCLA  
FFA  
HOSA  
SkillsUSA  
TSA



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# Four-Year Graduation Rate

## CTE Concentrators 2022-2023



98.53%

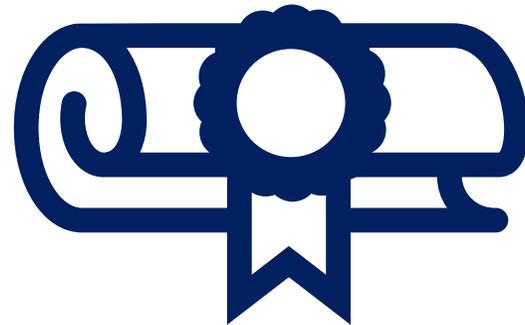


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# Concentrators Who Graduated Post-Secondary Credits

70.05% Attained  
Post-Secondary Credits  
2022-2023



70.05 %

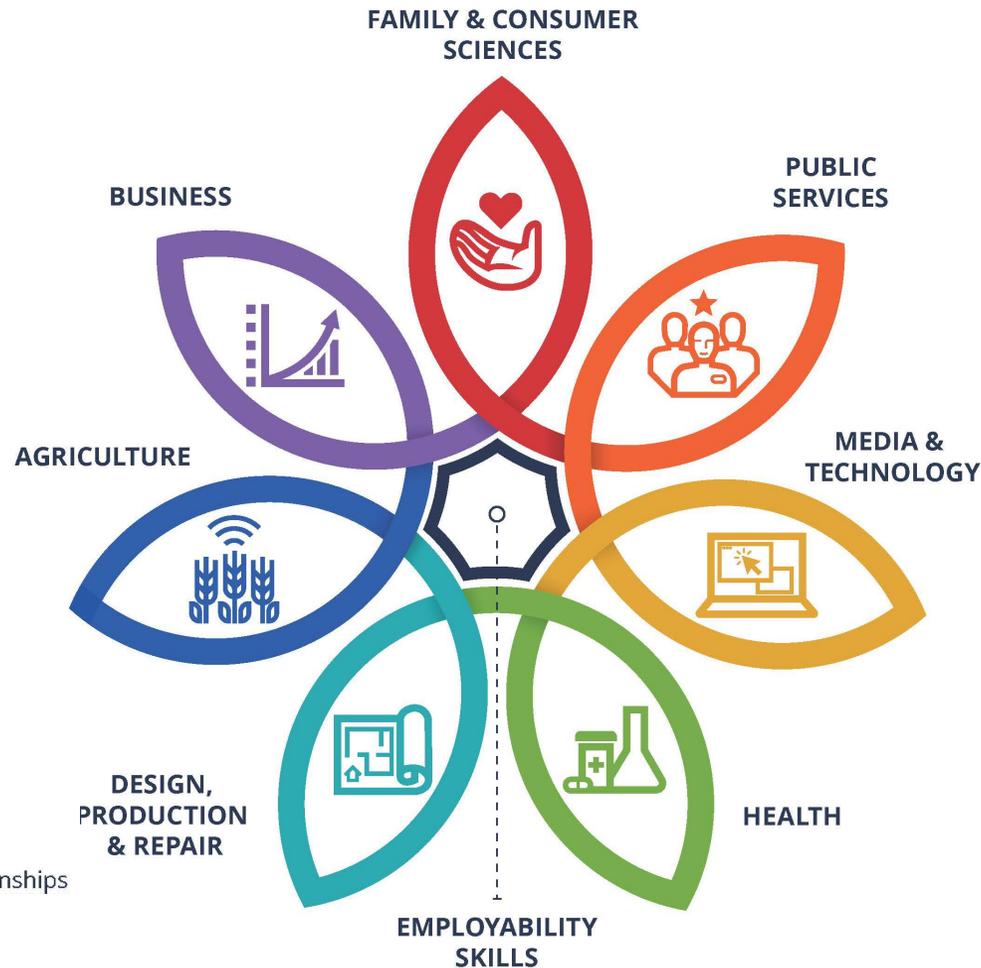


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# Kansas Careers

INDUSTRIES | CLUSTERS | PATHWAYS



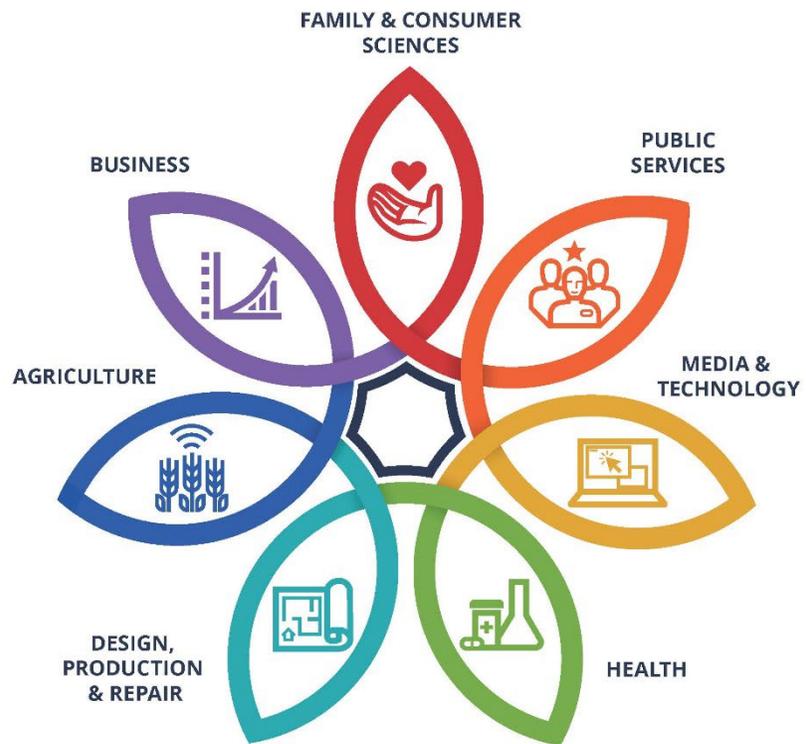
Workplace Skills, Applied Knowledge and Effective Relationships are at the heart of all **Employability Skills**.

[KSDE CTE Sunflower 2024](#)



# Kansas Careers

INDUSTRIES | CLUSTERS | PATHWAYS



Workplace Skills, Applied Knowledge and Effective Relationships are at the heart of all **Employability Skills**.



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Kansas State Department of Education | [www.ksde.org](http://www.ksde.org) | [#KansansCan](https://twitter.com/KansansCan)

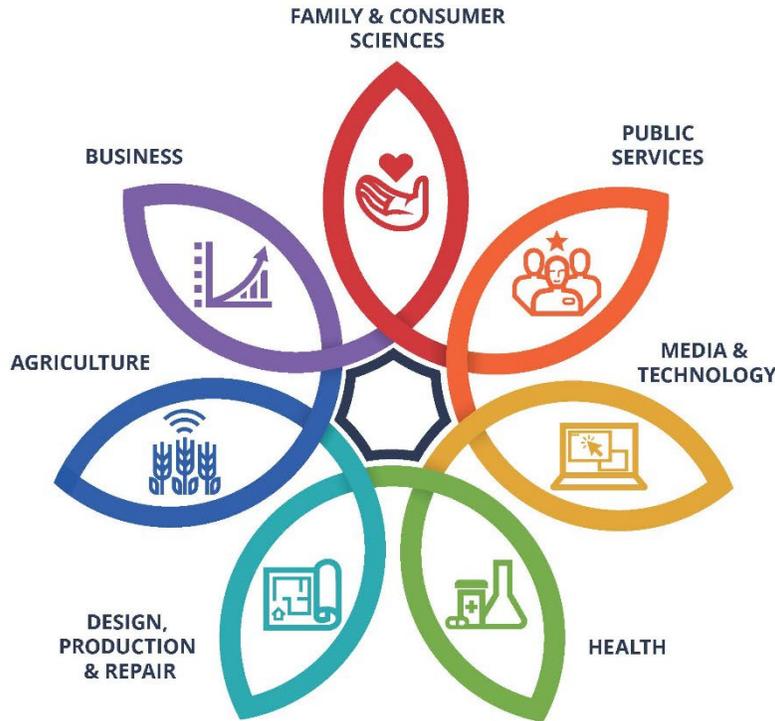
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KSDE CTE Sunflower 2024



# Kansas Careers

INDUSTRIES | CLUSTERS | PATHWAYS



Workplace Skills, Applied Knowledge and Effective Relationships are at the heart of all **Employability Skills**.

- **FAMILY & CONSUMER SCIENCES**  
Hospitality & Tourism  
Human Services
- **PUBLIC SERVICES**  
Government & Public Administration  
Education & Training  
Law, Public Safety & Security
- **MEDIA & TECHNOLOGY**  
Information Technology  
Arts, AV Technology & Communications
- **HEALTH**  
Health & Biosciences
- **DESIGN, PRODUCTION & REPAIR**  
Architecture & Construction  
Engineering  
Manufacturing  
Transportation
- **AGRICULTURE**  
Agriculture, Food & Natural Resources
- **BUSINESS**  
Marketing  
Finance  
Business Management & Administration



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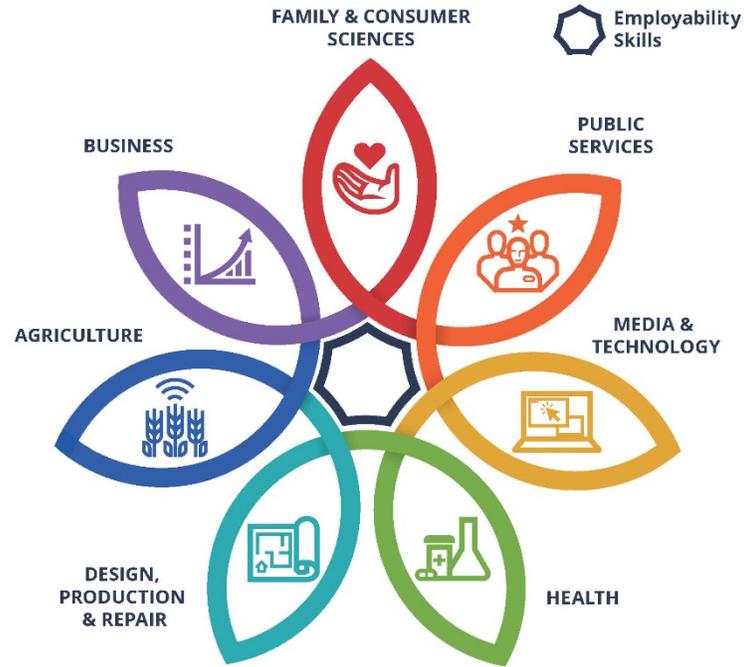
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KSDE CTE Sunflower 2024



# Kansas Careers

INDUSTRIES | CLUSTERS | PATHWAYS



- FAMILY & CONSUMER SCIENCES**  
*Hospitality & Tourism*
  - Travel & Tourism
  - Restaurant & Event Management*Human Services*
  - Early Childhood Development & Services
  - Family, Community & Consumer Services
  - Fashion, Apparel, Interior Design (FAID)
- PUBLIC SERVICES**  
*Government & Public Administration*
  - Government & Public Administration*Education & Training*
  - Teaching/Training*Law, Public Safety & Security*
  - Corrections, Security, Law & Law Enforcement Services
  - Emergency & Fire Management Services
- MEDIA & TECHNOLOGY**  
*Information Technology*
  - Information Support & Services
  - Network Systems
  - Programming & Software Development
  - Web & Digital Communications*Arts, AV Technology & Communications*
  - Digital Media
  - Graphic Design
- HEALTH**  
*Health & Biosciences*
  - Biochemistry
  - Biomedical
  - Health Science
- DESIGN, PRODUCTION & REPAIR**  
*Architecture & Construction*
  - Construction & Design*Engineering*
  - Engineering & Applied Mathematics
  - Energy
  - Aviation Production*Manufacturing*
  - Manufacturing*Transportation*
  - Mobile Equipment Maintenance
  - Aviation Maintenance
- AGRICULTURE**  
*Agriculture, Food & Natural Resources*
  - Animal Science
  - Biotechnology in Agriculture
  - Comprehensive Agricultural Science
  - Agribusiness Systems
  - Food Products & Processing Systems
  - Natural Resources & Environmental Services
  - Plant Systems
  - Power, Structural & Technical Systems
- BUSINESS**  
*Marketing*
  - Marketing*Finance*
  - Business Finance*Business Management & Administration*
  - Business Management & Entrepreneurship

KSDE CTE Sunflower 2024



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**FAMILY & CONSUMER SCIENCES**

- Hospitality & Tourism
  - Restaurant & Event Management
  - Travel & Tourism

- Human Services
  - Early Childhood Development & Services
  - Family, Community & Consumer Services
  - Fashion, Apparel, Interior Design (FAID)

**PUBLIC SERVICES**

- Education & Training
  - Teaching/Training
- Government & Public Administration
  - Government & Public Administration
- Law, Public Safety, Corrections & Security
  - Corrections, Security, Law & Law Enforcement Services
  - Emergency & Fire Management Services

**MEDIA & TECHNOLOGY**

- Information Technology
  - Information Support & Services
  - Media Design & Communications
  - Networking & Telecommunications
  - Programming & Software Development

**HEALTH**

- Health & Biosciences
  - Biotechnology
  - Health Science

**DESIGN, PRODUCTION & REPAIR**

- Architecture & Construction
  - Construction & Design
- Engineering
  - Automation
  - Engineering
  - Aviation Production
  - Energy
  - Engineering & Applied Mathematics
- Manufacturing
  - Manufacturing
- Transportation
  - Aviation Maintenance
  - Mobile Equipment Maintenance

**AGRICULTURE**

- Agriculture, Food & Natural Resources
  - Agricultural Technology & Mechanical Systems
  - Animal Science, Health & Related Industries
  - Diversified Agricultural Science
  - Food Products & Processing Systems
  - Natural Resources & Environmental Sustainability
  - Plant Science & Industry Operations
- BUSINESS
  - Business Management & Administration
    - Business Management & Entrepreneurship
  - Finance
    - Business Finance
  - Marketing
    - Marketing



# Kansas Advisory Committee for Career and Technical Education



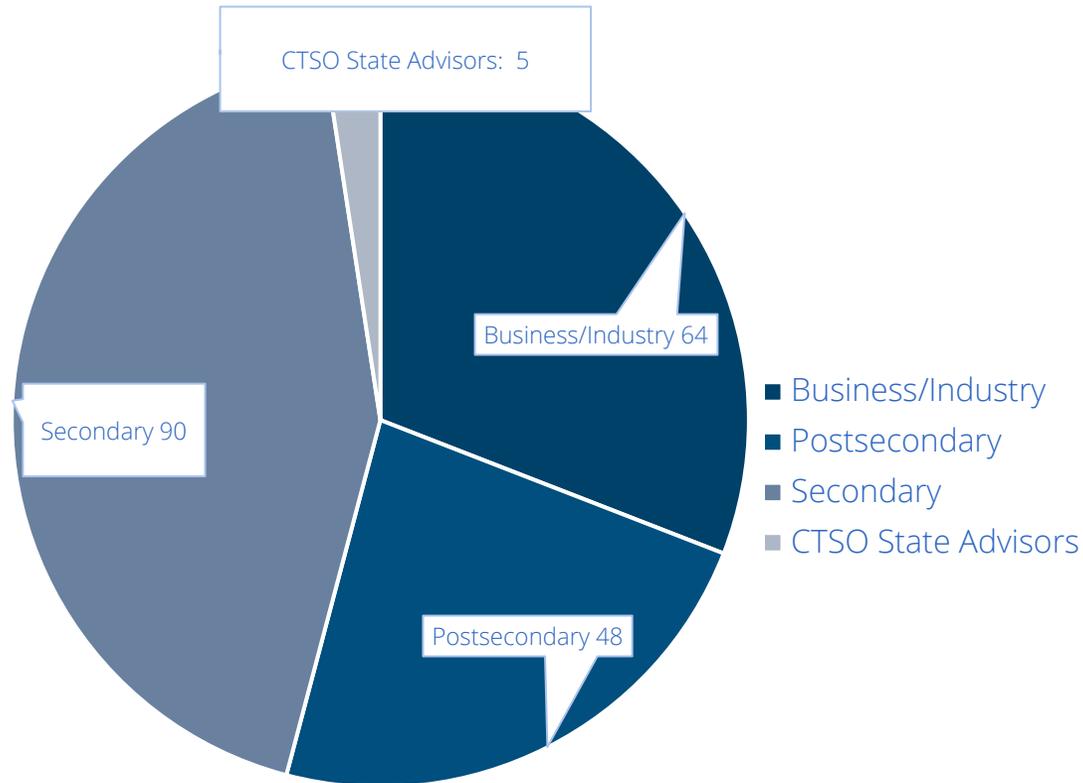
# Kansas Advisory Committee for Career and Technical Education



# Cluster Review Committee Members



Total Cluster Review Members: 207



Type of Member	Number of Members
Business/Industry	64
Postsecondary	48
Secondary	90
CTSO State Advisors	5



# Kansas CTE Cluster Review



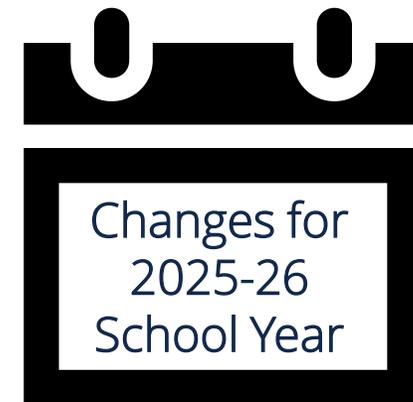
## Reviewed:

- Labor Market Information
- Business/Industry Feedback regarding Trends and Skills
- Kansas Chamber Competitiveness Analysis
- Kansas Commerce Report: Key Industries and Target Sectors
- Kansas Career and Technical Education Comparison Report
- Kansas Board of Regents Program Alignment
- Common Career Technical Core, Regional Study of Career Clusters
- National Career Clusters® Framework
- Pathway Course Competencies and Indicators
- Reviewed Industry Standards and Certifications
- Reviewed the Industry Recognized Certifications (IRC) and Assessments
- Pathway Inclusion of Work-Based Learning (WBL) Elements



# Career and Technical Education (CTE)

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, A/V Technology and Communications
- Education and Training
- Engineering
- Finance
- Health and Bio Sciences



# Kansas Career Cluster Guidance Handbook 2025-2026

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KANSAS CAREER AND TECHNICAL EDUCATION  
KANSAS CAREER CLUSTER PATHWAY  
DESIGN MODELS



[CTE Course Competencies](#)

[2025-2026 Summary of Cluster/Pathway Changes](#)



# Kansas CTE Cluster Reviews



## Cluster/Pathway Reviews for 2024-2025:

- Human Services
- Marketing
- Transportation, Distribution & Logistics

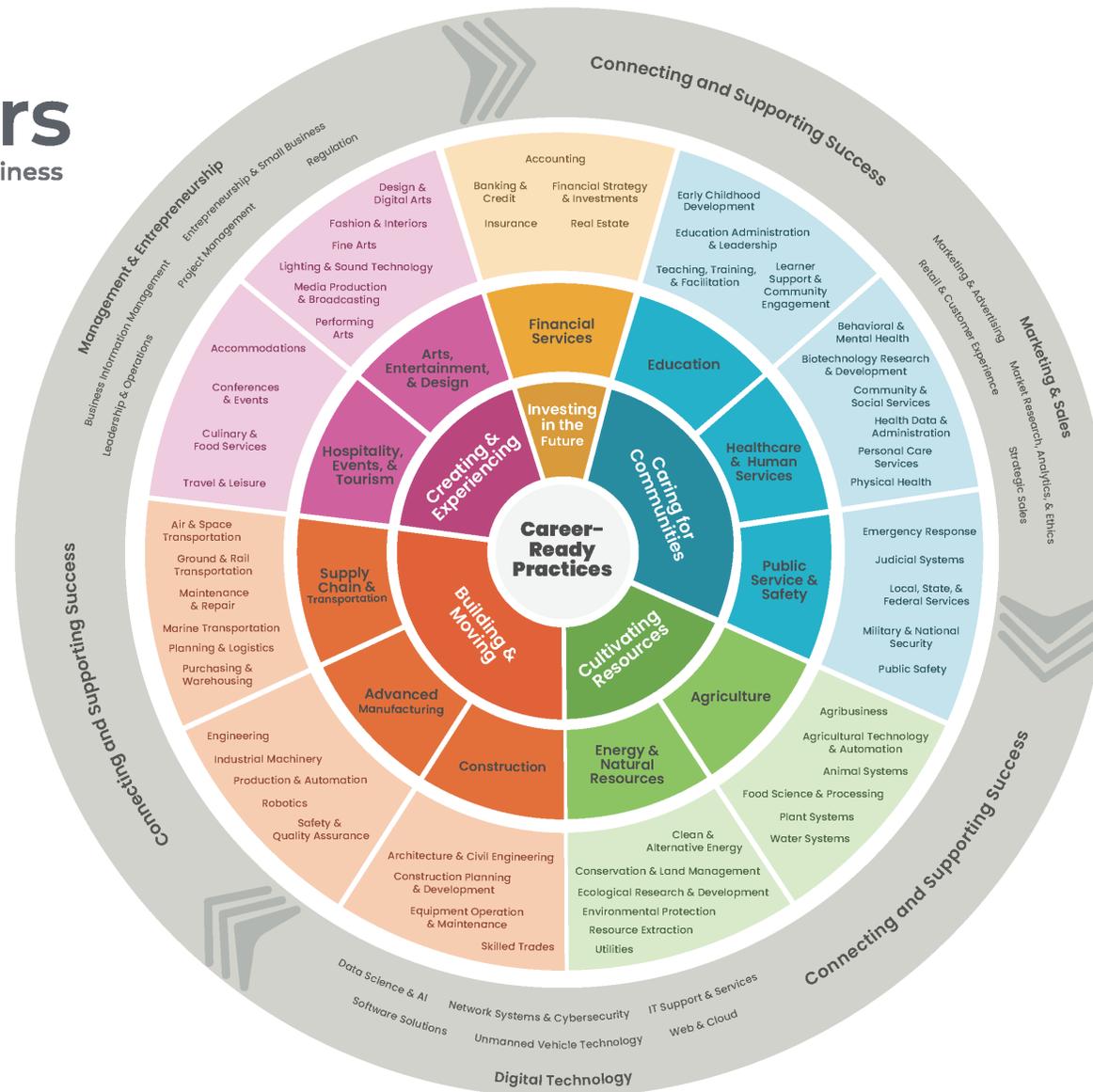
[FY 2025 Reserve Grants](#)



# National Career Cluster Framework Modernization

Released October 2024





# Cluster Groupings

### Caring for Communities

**Education**  
 Early Childhood Development  
 Education Administration & Leadership  
 Learner Support & Community Engagement  
 Teaching, Training, & Facilitation

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**Health Care & Human Services**  
 Behavioral & Mental Health  
 Biotechnology Research & Development  
 Community & Social Services  
 Health Data & Administration  
 Personal Care Services  
 Physical Health

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**Public Service & Safety**  
 Emergency Response  
 Judicial Systems  
 Local, State, & Federal Services  
 Military & National Security  
 Public Safety

### Building & Moving

**Advanced Manufacturing**  
 Engineering  
 Industrial Machinery  
 Production & Automation  
 Robotics  
 Safety & Quality Assurance

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**Construction**  
 Architecture & Civil Engineering  
 Construction Planning & Development  
 Equipment Operation & Maintenance  
 Skilled Trades

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**Supply Chain & Transportation**  
 Air & Space Transportation  
 Ground & Rail Transportation  
 Maintenance & Repair  
 Marine Transportation  
 Planning & Logistics  
 Purchasing & Warehousing

### Cross-Cutting Clusters

**Digital Technology\*\***  
 Data Science & AI  
 IT Support & Services  
 Network Systems & Cybersecurity  
 Software Solutions  
 Unmanned Vehicle Technology  
 Web & Cloud

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**Management & Entrepreneurship\*\***  
 Business Information Management  
 Entrepreneurship & Small Business  
 Leadership & Operations  
 Project Management  
 Regulation

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**Marketing & Sales\*\***  
 Market Research, Analytics, & Ethics  
 Marketing & Advertising  
 Retail & Customer Experience  
 Strategic Sales

### Creating & Experiencing

**Arts, Entertainment, & Design**  
 Design & Digital Arts  
 Fashion & Interiors  
 Fine Arts  
 Lighting & Sound Technology  
 Media Production & Broadcasting  
 Performing Arts

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**Hospitality, Events, & Tourism**  
 Accommodations  
 Conferences & Events  
 Culinary & Food Services  
 Travel & Leisure

### Cultivating Resources

**Agriculture**  
 Agribusiness  
 Agricultural Technology & Automation  
 Animal Systems  
 Food Science & Processing  
 Plant Systems  
 Water Systems

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**Energy & Natural Resources**  
 Clean & Alternative Energy  
 Conservation & Land Management  
 Ecological Research & Development  
 Environmental Protection  
 Resource Extraction  
 Utilities

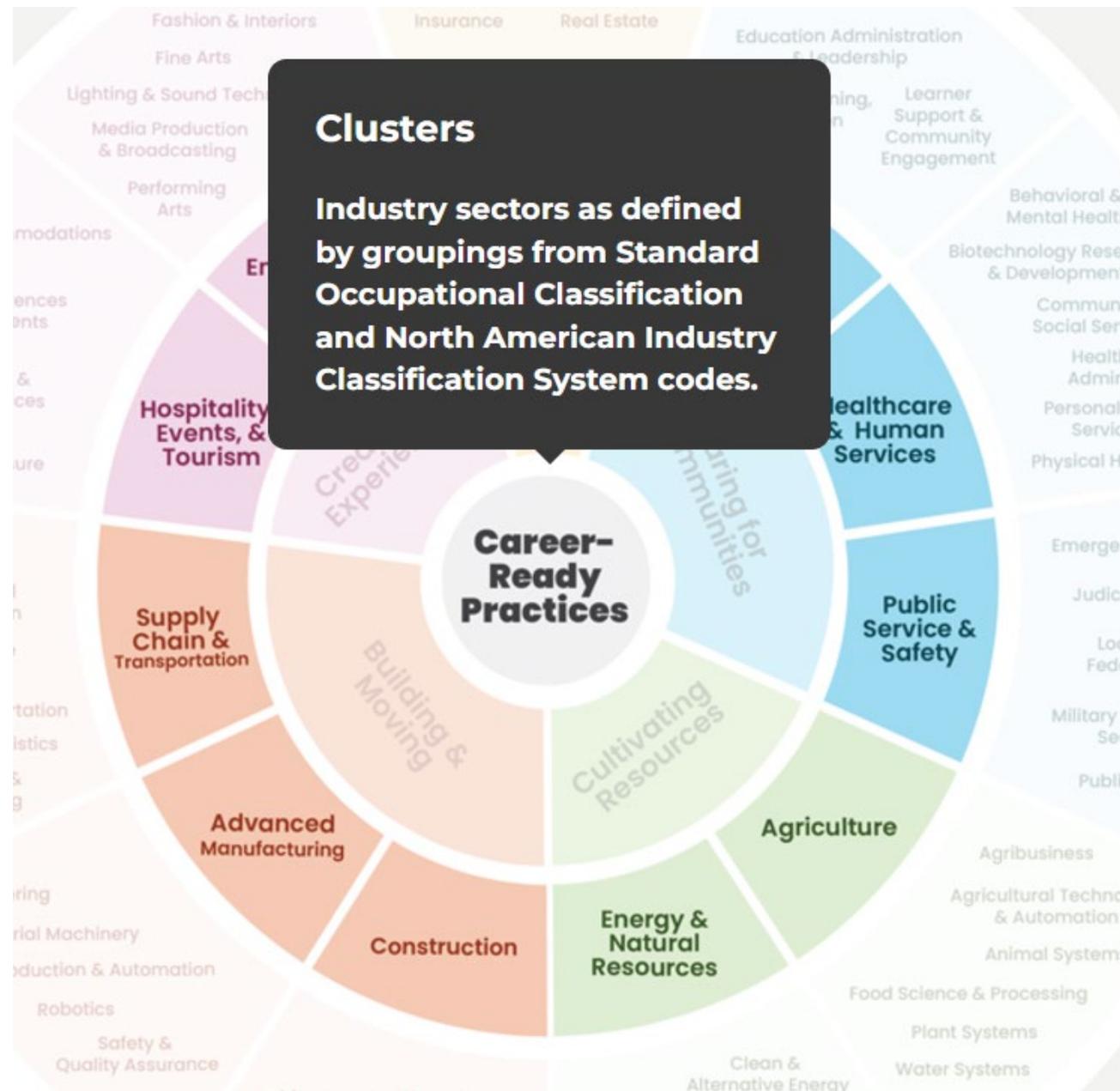
### Investing in the Future

**Financial Services**  
 Accounting  
 Banking & Credit  
 Financial Strategy & Investments  
 Insurance  
 Real Estate

**\*\*Cross-Cutting Clusters**  
 Denote careers that overlap in all industries, highlighting the versatile and interconnected nature of today's workforce. These careers can stand on their own or be contextualized in each Cluster and emphasize the need for adaptability in navigating the modern economy.

**Notes:**  
 Clusters are listed in alphabetical order. Clusters and Sub-Clusters represent the entire world of work (see definitions).  
 Programs of study are simply illustrative and will be determined by state and local frameworks.





**Clusters**  
 Industry sectors as defined by groupings from Standard Occupational Classification and North American Industry Classification System codes.

Career Clusters - Advance CTE



### Sub-Clusters

Major groupings of career areas within a given field that have similar skills as defined by industry area.



Career Clusters - Advance CTE



# Teacher and Educator Recruitment and Retention



1. CTE Teacher and Instructor Mentoring Grant
  - Kansas Center for Career and Technical Education (KCCTE)
2. Work-Based Learning Regional Intermediaries
  - Kansas Workforce Development Boards Work-Based Learning Partnership
  - Five (5) Workforce Regions
3. Electronic Training Equipment
  - Technical Assistance
  - Perkins Reserve Grant

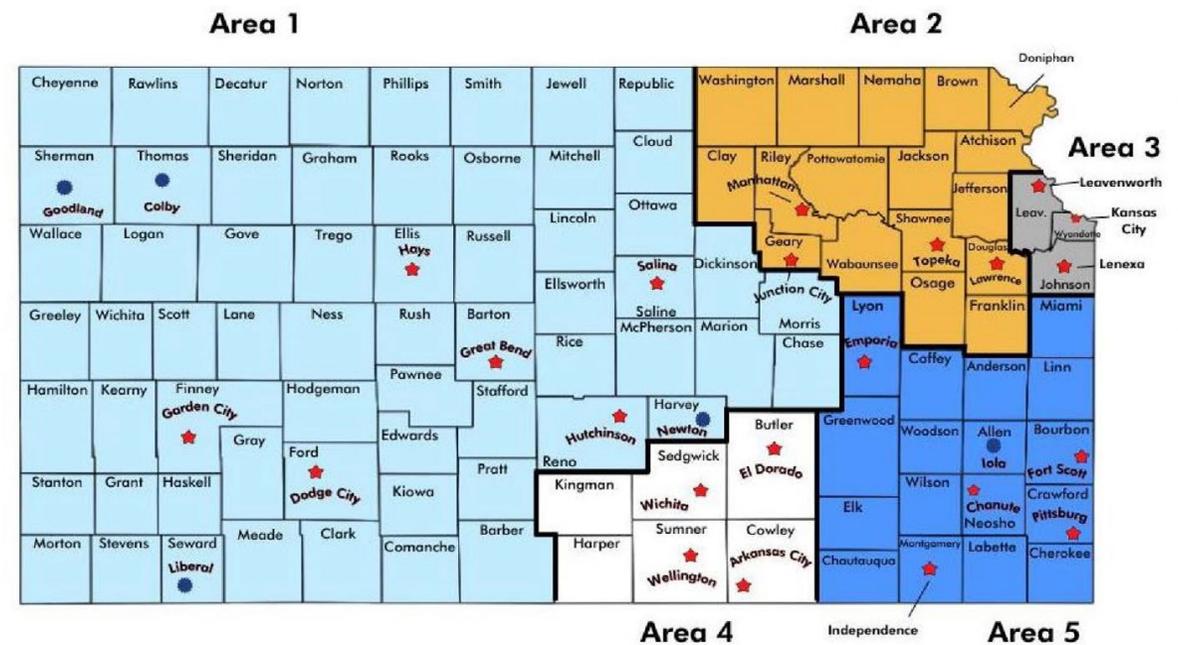


# Kansas Workforce Development Boards WBL Partnership



Staff from the KansasWORKS Workforce Development Regions are available to assist schools statewide with work-based learning activities including:

- Coordination of Job or Career Fairs
- Career Exploration
- Job Prep Workshops
- Curriculum or Train the Trainer
- Mock Interviews
- Connections to Local Employers
- Classroom Interactions with Industry
- Facility Tours
- Job Shadowing
- Internships
- Youth Apprenticeships



A proud partner of the American Job Center network



# Electronic Training Equipment FY 2025 Perkins Reserve Grant



School districts offering state approved pathway(s) in the following clusters:

- Agriculture
- Architecture and Construction
- Engineering
- Information Technology
- Manufacturing

With courses that include transferable skills and competencies related to electricity, electronics, industrial maintenance and automated integrated systems.

[FY 2025 Reserve Grants](#)





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Your Kids. Endless Career Options.

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# You Are Your Child's First Career Counselor

Parents and guardians play a huge role in children's first exposure to career possibilities and shaping lifelong perceptions about different occupations.



[For Educators | HirePaths](#)

[Cool Careers Videos | HirePaths](#)





# Students' Right To Know.

Postsecondary degree and career option information. Empower students to make informed decisions.



72-297. Students' right to know act; distribution of postsecondary degree and career option information.



# The Students' Right to Know Act

Passed during the 2021 legislative session



Ensure distribution of

- The degree prospectus information published by the Kansas Board of Regents.  
[DegreeStats](#)
- The [Kansas Training Information Program \(K-TIP\)](#) report.
- Other information relevant to the students' understanding of potential earnings.  
[Kansas Labor Information Center \(KLIC\) - LMI Home Page \(ks.gov\)](#)
- The potential earnings of the branches of the armed services of the US Military.
  - [KBOR Military and Veteran Resources](#)
  - [CareerOneStop \(Includes Military Options\)](#)
  - [O\\*NET OnLine \(onetonline.org\)](#) (Military Crosswalk)

to students 7-12 grades and their families by October 15<sup>th</sup> each year.

[The Student's Right to Know Act](#)





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