# Valid Industry Certification Process

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Kentucky Department of
EDUCATION

KWIB Website:
https://kwib.ky.gov/Pages/index.aspx

1. Career & Technical Education Resources

2. Career & Technical Education Certification Process

KRS 158.6455

## Kentucky's K-12 Industry Certification Approval
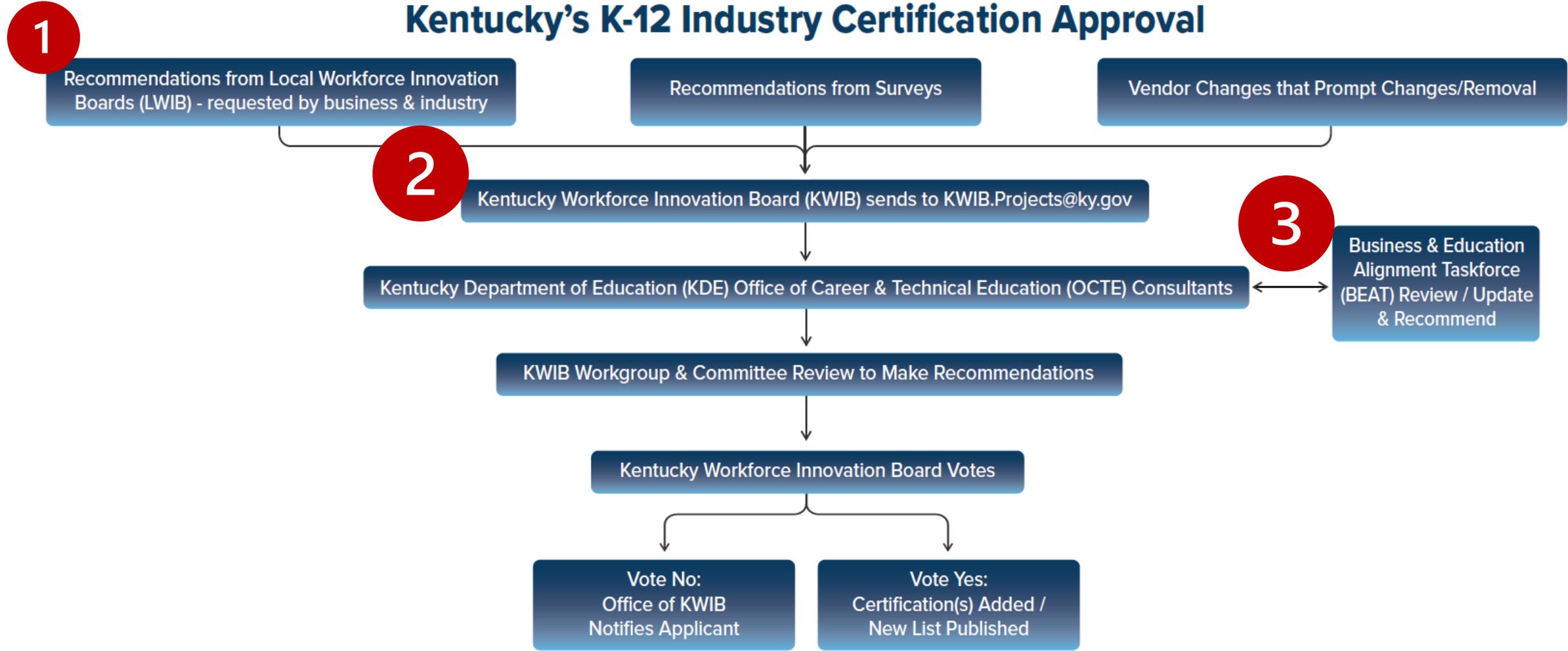
**1**

Recommendations from Local Workforce Innovation Boards (LWIB) - requested by business & industry

Recommendations from Surveys

Vendor Changes that Prompt Changes/Removal

**2**

Kentucky Workforce Innovation Board (KWIB) sends to KWIB.Projects@ky.gov

Kentucky Department of Education (KDE) Office of Career & Technical Education (OCTE) Consultants

**3**

Business & Education Alignment Taskforce (BEAT) Review / Update & Recommend

KWIB Workgroup & Committee Review to Make Recommendations

Kentucky Workforce Innovation Board Votes

Vote No: Office of KWIB Notifies Applicant

Vote Yes: Certification(s) Added / New List Published

For more information please visit
https://kwib.ky.gov/Pages/CTE-Certification-Process.aspx

Process aligned pursuant to KRS 158.6455.

Process occurs annually, with additions/changes considered by the Kentucky Workforce Innovation Board (KWIB) on a quarterly basis (workgroup to meet 6-8 weeks prior to quarterly KWIB meetings, when necessary).

# Certification Submissions Process

1. Uniform submission process
   - Contact information
   - Local workforce development area
   - Certification information
   - Business/Industry requesting the certification - developing

2. Submission form on KWIB website
   - KWIB will distribute recommendations to local WIBs

3. KWIB send to OCTE
   - Consultants review with BEAT team

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**4** **5**

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**6**

Vote No:
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# Certification Submissions Process

4. CTE Certification Review Workgroup

   • [Workgroup Meetings - Schedule & Meeting Packets](#)

5. Education Attainment Committee

   • [Strategic Committee Meetings - Schedule & Meeting Packets](#)

6. KWIB Board Meeting

   • [KWIB Quarterly Board Meeting Information - Schedule, Meeting Packets, & Minutes](#)

   *Quarterly meetings are posted on KWIB.ky.gov

[Career & Technical Education Certification Process - Kentucky Workforce Innovation Board](#)

# KY's NEW Top 5 In-Demand Sectors

1. Healthcare

2. Manufacturing and Logistics

3. Construction

4. Education

5. Professional, Scientific and Technical Services (PS&TS)

Kentucky's Top Five In-Demand Sectors.pdf

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There are no changes to state accountability for the 2025-2026 school year. There are five (5) options for meeting career readiness:

1.  Industry Certification(s) (with an extra 0.25 points in accountability for those identified as high demand)

2.  End-of-Program Assessment (for articulated credit)

3.  CTE Dual Credit (a minimum of 3 hours and a grade of "C" or higher)

4.  Co-op or Internships (a minimum of 300 on-the-job hours with a passing grade)

5.  TRACK: Tech Ready Apprentices for Careers in Kentucky Certificate

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# VALID INDUSTRY CERTIFICATIONS 2024-25

## Industry Certification List Version History

| Version | Author | Date | Changes |
|---|---|---|---|
| 1.0 | Claude Christian | 10/1/2024 | Changes from the 23-24 Industry Certification List (v. 1.3)<br><br>**New**<br>None<br><br>**Removed**<br>Google Analytics Individual Certification (GAIQ)<br>The Project Management Professional (PMP)<br><br><br>**Updated/Name Change**<br>Cyber Engineering (14.0902.00) changed to Cybersecurity<br>Informatics (14.0802.00) changed to Data Science |

## Industry Certification Process

KRS 158.6455 establishes the process used to determine which industry certifications are recommended for the list and the level of demand for certifications on the list. In order to be considered "industry-recognized," certifications must go through a verification process.  KY Stats works with each local workforce investment board to give job and demand data for the region.

Local workforce investment boards work with local economic development organizations and business to compile a list of industry-recognized certifications, licensures, and credentials, ranked by demand for that region.

The lists are then given to the Kentucky Workforce Innovation Board (KWIB). Finally, the KWIB and KDE work together to edit and refine the list before KDE disseminates to all school districts.  This work is done to ensure industry-recognized credentials are practical, relevant, and that they align with career pathways.  The attached list is based on information provided by local workforce investment boards (WIBs), reviewed by multiple business and industry groups, presented to the Kentucky Workforce Innovation Board (KWIB) Business and Education Alignment Committee and approved by the KWIB. Industry certifications identified as HIGH DEMAND by KWIB will receive 1.25 in the state accountability model under Postsecondary Readiness versus 1.00 for all other certifications.

Certifications determined to be HIGH DEMAND by KWIB are highlighted and noted in the spreadsheet below.

For general questions related to Industry Certifications, please contact the appropriate program area consultant for the pathway.

| Program Area / Program | Career Pathway | CIP Code | 2024-2025 Industry Certification Name / Industry Certification Stacked Credentials | Phase-Out | High Demand |
|---|---|---|---|---|---|
| Agricultural Education | Agricultural Power Structural Technical Systems | 01.0201.00 | AWS Sense Certification (Level 1) | | HD |
| Agricultural Education | Agricultural Power Structural Technical Systems | 01.0201.00 | Equipment and Engine Training Council Four Stroke | | HD |
| Agricultural Education | Agricultural Power Structural Technical Systems | 01.0201.00 | Equipment and Engine Training Council Two Stroke | | HD |
| Agricultural Education | Agricultural Power Structural Technical Systems | 01.0201.00 | iCEV Equipment and Engine Training Council Principles of Small Engine Technology | | HD |
| Agricultural Education | Agricultural Power Structural Technical Systems | 01.0201.00 | MSSC - Certified Production Technician (CPT) | | HD |
| Agricultural Education | Animal Science Systems | 01.0901.00 | **1 Exam Required**<br>Beef Quality Assurance<br>iCEV Elanco Fundamentals of Animal Science<br>iCEV Elanco Veterinary Medical Applications<br>NAVTA Veterinary Assisting Certification | | |
| Agricultural Education | Environmental Science and Natural Resources Systems | 03.0101.00 | **1 Exam Required**<br>iCEV Ducks Unlimited Ecology Conservation and Management Certification<br>Forestry Works of Kentucky - Forest Worker Certificate Program | | |
| Agricultural Education | Food Science and Processing | 01.1001.00 | iCEV American Meat Science Association Food Safety and Science | | |
| Agricultural Education | Plant Science Systems | 01.1101.00 | **1 Exam Required**<br>iCEV BASF Plant Science Certification | | |

# Standalones

| Agricultural Education | Agricultural Power Structural Technical Systems | 01.0201.00 | MSSC - Certified Production Technician (CPT) |
|---|---|---|---|
| Agricultural Education | Animal Science Systems | 01.0901.00 | **1 Exam Required**<br>Beef Quality Assurance<br>iCEV Elanco Fundamentals of Animal Science<br>iCEV Elanco Veterinary Medical Applications<br>NAVTA Veterinary Assisting Certification |

# Stacked Credentials

| Business and Marketing Education | Accounting | 52.0301.00 | **2 Exams Required**<br>Assessment of Skills and Knowledge for Business (ASK) - Fundamental Business Concepts<br><br>**AND**<br><br>**CHOOSE 1 of the following:**<br>QuickBooks Certified User<br>TestOut Office Pro |
|---|---|---|---|
| Business and Marketing Education | Accounting | 52.0301.00 | **4 Exams Required**<br>Assessment of Skills and Knowledge for Business (ASK) - Fundamental Business Concepts<br>Microsoft Office Specialist (MOS) Excel<br>Microsoft Office Specialist (MOS) Word<br><br>**AND**<br><br>**CHOOSE 1 of the following:**<br>Microsoft Office Specialist (MOS) Access<br>Microsoft Office Specialist (MOS) Outlook<br>Microsoft Office Specialist (MOS) PowerPoint |

OCTE Website:
education.ky.gov/CTE

1. Career & Technical Education

2. Resources – Career and Technical Education Resources

2024-2025 Valid Industry Certifications (version 1.0)

# Industry Certification Funds

Funding is available for students who are specifically identified as free/reduced lunch in Infinite Campus **AND** have completed two credits in a KDE-approved career pathway

- Funds provided through the Office of Career and Technical Education (OCTE) budget to pay the cost of one stand-alone or one stack of Kentucky Workforce Innovation Board (KWIB) approved industry certifications from the 2024-2025 valid list.
- Allocations/award notifications will be posted to the KDE state grants page when they are available.

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# Program Revalidation

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# Story Time with Tom

**Challenge**: Inconsistent Terminology (KDE Standards)

**Impact**: Fragmented Efforts within the OCTE

**Solution**: Develop common language & unified guidance

# CETCS's Partnership

## Where we're going?

- **Consistent Pathway Standards** – with course code alignment.

- **Unified look & terminology**

- **Comprehensive guidance documents** - Revalidation calendar, Pathways manual – OCTE process documents, Training materials for district leaders & teachers

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# It all starts with workforce...

- Business and Education Alignment Taskforce (BEAT)

- Program Area Leaders Forum

- Futuring Panels

  - Untainted workforce voice (and only workforce voice)
  - Review and feedback on pathway offerings and emerging pathways
  - Review and feedback on current standards
  - Review and feedback on current and emerging industry certifications

# Curriculum committees take the lead...

- **Synthesize Feedback**: BEAT, Futuring Panel, Leaders Forum

- **Assess Current Resources**: Standards, Certifications, EOPs

- **Integrate Industry Insights**: Evaluate & Modify Standards

- **Update & Align**: Standards, Certifications, Courses

- **Strategize Resources**: Planning & Provisioning

# Getting the word out...

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Today's Career and Technical Education

| KACTE Summer Program | Primary source for Program & Pathway Updates |
| OCTE Communications | Ongoing Standards & Pathway Revisions |
| Consultant PD | Professional Development aligned with Standards that highlight revisions |

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# CTECS Partnerships include...

## Construction Technology

- Air Conditioning Technology

- Building Construction Technology

- Construction Carpentry Technology

- Electrical Technology

- Heavy Equipment

- Masonry

- Plumbing



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# CTECS Partnerships include...

## Education And Training

- Teaching and Learning

# CTECS Partnerships include...

## Transportation

- Automotive Education

- Collision Repair Technology

- Diesel/Medium-Heavy Truck Technology

- Flight And Aviation



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# CTECS Partnerships include...

## Manufacturing Technology

- Industrial Maintenance Technology

- Manufacturing Hybrid

- Metal Fabrication

- Welding Technology

- Wood Manufacturing

- Computer-Aided Design (CAD)

- Computerized Manufacturing And Machining

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# Pathway Modifications

**Pathway Modification** - Districts can modify state-approved pathways (minor changes only).

**Criteria for Approval:** Modifications must *not* alter the pathway's defined postsecondary opportunities that support:

- ✓ Specialized Business & Industry Needs
- ✓ Innovative Concepts for KY Industry & Economic Development
- ✓ Scope of Proposed Pathway
- ✓ Labor Market Information & Employer Demand

# New Pathways

**New Pathway Creation** - Approval of new career pathways not included within the State Programs of Study Directory.

**Criteria for Approval:**
- ✓ Specialized Business & Industry Needs
- ✓ Innovative Concepts for KY Industry & Economic Development
- ✓ Scope of Proposed Pathway
- ✓ Labor Market Information & Employer Demand