

Launching a Modernized National Career Clusters Framework

October 30, 2024



Welcome

- Thank you for joining!
- Please add any questions to the Q&A box
- Our website is now live!

careertech.org/career-clusters

Purpose Statement

The National Career Clusters Framework provides structural alignment and a **common language** to **bridge education and work**, empowering **each learner** to explore, decide on, and prepare for **dynamic and evolving careers**.

ADVANCING THE FRAMEWORK

A comprehensive, multi-year input process to create an inclusive, learner-centered, and industry-responsive National Career Clusters® Framework



Our Vision for a Modernized Framework

The Need for A Modernized Framework

Since the Framework's creation in 2002, there have been tremendous shifts in the labor market, the nature of work and the workplace, and the role of technology. The current Framework does not reflect these changes.

OUR VISION FOR A MODERNIZED FRAMEWORK



Reflect the truly interdisciplinary nature of work and push the CTE community to remove silos within and across Career Clusters

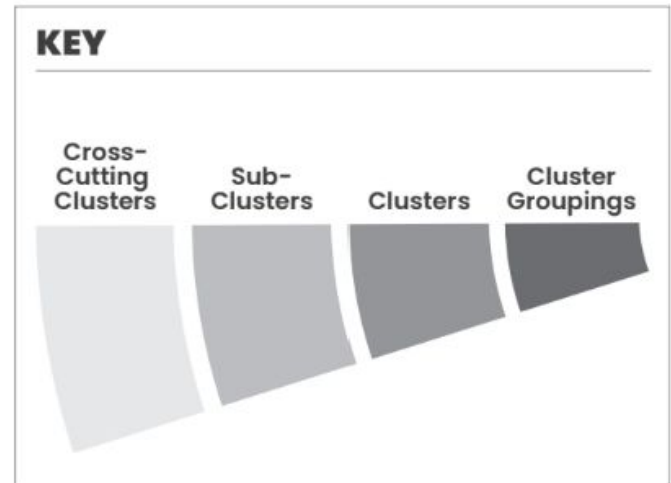


Update language and groupings to better bridge industry's organization of work



Include new sectors, skills, and approaches from across the entire world of work, while providing flexibility for the future

The Modernized National Career Clusters® Framework



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[Career Clusters Home](#)

[About the Framework](#)

[Your Place in the
Framework](#)

[Methodology](#)

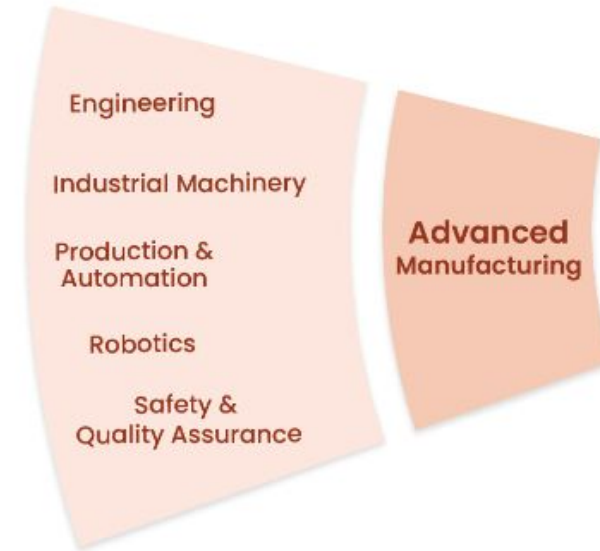
[Resources](#)

All learners deserve to participate in meaningful career exploration and preparation experiences through Career Technical Education (CTE) that prepare them for the changing and interconnected world of work. This requires systems and structures that are accessible, responsive to evolving industry needs, and flexible for the needs of each state and community. Since 2002, The National Career Clusters[®] Framework has provided a shared structure and language for CTE program design across the United States. Advance CTE serves as the steward of the Framework.

In fall 2024 following 2 years of input and validation, Advance CTE released a modernized Framework designed to serve as **a bridge between education and work** and a **central building block for consistently designed and high-quality CTE programs.**

The Cluster Defined

The Advanced Manufacturing Career Cluster blends innovative technologies and practices to enhance design and production. It covers areas such as engineering, research and development, automation and artificial intelligence, equipment maintenance, safety protocols, and quality control. This Cluster aims to increase efficiency, reduce waste, ensure safety, and produce high-quality goods, driving the industry's growth and adapting to modern demands.



The Sub-Clusters

Engineering



Industrial Machinery



Production & Automation



The following resources, created by both Advance CTE and national partners, are designed to support Career Technical Education (CTE) professionals in understanding and implementing the modernized National Career Clusters[®] Framework. These topics are included but not limited to the following:

- making connections between updated Career Clusters and other major areas of learning
- enhancing intersectionality within and across Career Clusters
- addressing and integrating Framework updates in existing programs of study
- assessing and innovating state and local policy and practice connected to the Framework

Explainer Documents and Fact Sheets



Crosswalks and Technical Documents



Policy Tools



Resource Development

- Newly developed resources
 - Career Clusters basics
 - FAQ
 - Technical report/methodology, crosswalks
 - Policy white paper
 - Implementation of Cross-Cutting Career Clusters
 - Discipline-specific resources
 - Family and Consumer Science
 - STEM
 - Green Workforce
- Upcoming resources planned
 - Industry Sector Profiles (Nov. 2024)
 - Open call for resources (Nov. 2024)
 - Policy audit tool (April 2025)
 - Career Interest Survey (April 2025)
 - Personalized pathways resource (April 2025)
 - Teacher certification (April 2025)
 - Use of labor market info (July 2025)
 - Postsec and workforce adoption (July 2025)

Panelists



Dr. Katie Graham

State CTE Director
Nebraska Department
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Deidre Gwin

Senior Vice President,
Young Professional &
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Dr. Douglas R. Major

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