

American Rescue Plan (ARP) ESSER III Implementation – Expand Rigorous Coursework

Career and Technical Education (CTE)

Career and Technical Education (CTE) programs integrate core academic knowledge with technical and occupational knowledge and skills to provide students a pathway to postsecondary education and career preparation. CTE courses, as noted on the [Minnesota Career Wheel](#), are organized into six career fields, including: Agriculture, Food and Natural Resources; Arts, Communications and Information Systems; Business, Management, and Administration; Engineering, Manufacturing, and Technology; Human Services; and Health Science Technology.

CTE activities may include:

- Instructional resources for career and technical education are allowable if they can be *tied directly to the implementation of a specific proposed supplemental activity*. In other words, the proposed new or expanded activity could not be offered without them, and they are not supplanting. These may include:
 - Career development curriculum or applications.
 - Industry-grade equipment, software, materials, and supplies for CTE courses.
- Support for collaboration between career and technical education and core content teachers to:
 - Integrate math and English/language arts standards into technical coursework.
 - Integrate employability and technical skills into math and English/language arts coursework.
 - Integrate academic standards to help students fulfill graduation requirements and credit equivalency (e.g., agricultural economics, food chemistry, media arts, applied mathematics, or aerospace/mechanical physics).
- Implementing new industry recognized credentials into career and technical education coursework (e.g., Certified Nursing Assistant (CNA), OSHA10, ServSafe, Microsoft certifications).
- Increasing the availability and variety of CTE classes, including advanced CTE courses such as Project Lead the Way (PLTW), Curriculum for Agricultural Science Education (CASE), Teacher Educator Curriculum (Teacher Cadet and Child Development Associate), Health Care Core Curriculum, and ProStart.
- Increasing access to middle school experiential learning opportunities (industry tours, job shadows, career fairs, etc.) and high school work-based learning and youth apprenticeship programs.
- Professional learning for CTE teachers, including support for:
 - CTE teachers to learn new industry-grade applications, hardware, and technology.
 - Adding a licensure area in career and technical education: providing support for the licensure-by-portfolio process (e.g., business teachers adding a coordinator of work-based learning endorsement).

MDE Resources and Contacts

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