



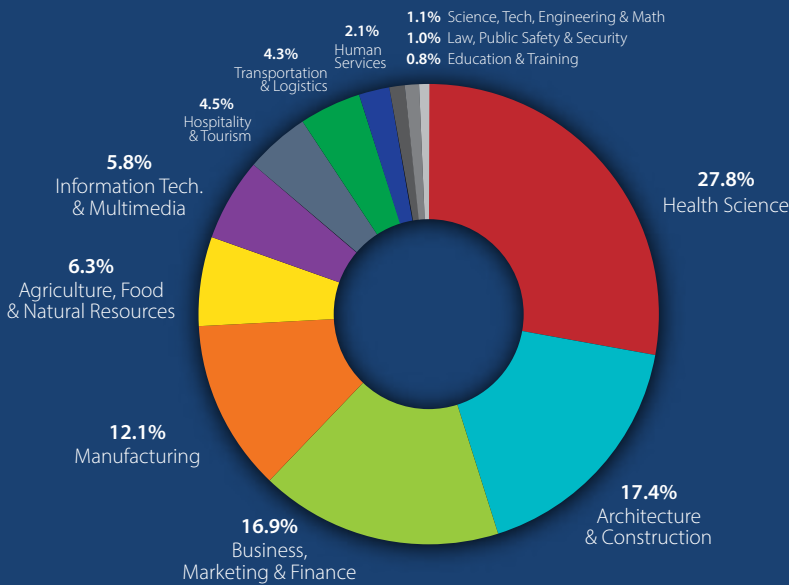
CAREER & TECHNICAL EDUCATION

CTE gives purpose to learning by emphasizing real-world skills and practical knowledge within a selected career focus. Students in CTE programs take sequences of courses that provide rigorous academic and technical knowledge and the skills that they need to be prepared for college and careers. CTE programs align with high-skill, high-wage, and in-demand career opportunities.



CTE IN MONTANA

CTE HIGH SCHOOL & COLLEGE ENROLLMENT



High school CTE concentrators graduate from high school on time. **97%**

Postsecondary concentrators either continue their education or are employed within 6 months of program completion. **83%**

Secondary CTE concentrators either continue their education or are employed within 6 months of program completion. **86%**

Postsecondary concentrators who attempted an industry recognized credential passed. **92%**

WORK-BASED LEARNING

Work-based learning (WBL) experiences offer learners opportunities to reinforce and deepen their classroom learning, explore future career fields, and demonstrate their skills in an authentic work setting. WBL is often described as a continuum - starting with career awareness activities in early grades and extending to career preparation. Types of WBL include:

- ✓ Apprenticeship/Youth apprenticeship
- ✓ Internship
- ✓ Job Shadowing
- ✓ Mentorship
- ✓ Practicum
- ✓ Pre-Apprenticeship
- ✓ School-Based Enterprise (SBE)
- ✓ Simulated Workplaces
- ✓ Co-op Work Experience Program



Career & Technical Education

THEN vs. **NOW**

Vocational Education (Vo-Tech)

Career & Technical Education (CTE)

For some students		For all students
For some jobs		For most careers
Instead of college		Training supported by academics
Degree focused		Skills focused
High school focused		Aligns high school, college and industry

HIGH-SKILL, HIGH-WAGE IN-DEMAND

CTE seeks to drive students into high wage, and in-demand careers. These career paths represent jobs that provide livable wages, opportunities for advancement, and continuous lifelong learning that address the needs of Montana's workforce.

EMPLOYABILITY SKILLS

Employability skills make individuals more successful in their chosen occupations. Employability skills include:

- ✓ Problem Solving
- ✓ Interpersonal Skills
- ✓ Technology Use
- ✓ Critical Thinking
- ✓ Personal Qualities
- ✓ Communication

CAREER & TECHNICAL STUDENT ORGANIZATIONS

A Career and Technical Student Organization (CTSO) is a co-curricular organization that provides experiential learning opportunities for CTE students through competitions, leadership opportunities and business partnerships.

Montana currently has seven Career and Technical Student Organizations:



- ✓ Participation in Career and Technical Student Organizations raises students' academic motivation and engagement, grades, career self-efficacy, college aspirations and employability skills.
- ✓ Career and Technical Student Organizations reduces dropout and increases on-time graduation, particularly CTE courses taken in 11th and 12th grades.. The average high school graduation rate for CTE concentrators was 93% compared to the national adjusted cohort rate of 80%.

CONTACT INFORMATION

For more information on Montana Career Education please visit the following State of Montana Agencies/Departments:

- State of Montana - Office of Public Instruction: CTE Division
- Montana Department of Labor & Industry
- Office of the Commissioner of Higher Education: Montana University System
- Montana State Chamber of Commerce