

What leadership opportunities are available as part of CTE?

More than 11,000 students in North Dakota middle schools, high schools, colleges, and universities take part in career and technical student organizations (CTSOs) with others who share their career interests. CTSOs put students in contact with teachers and business people from their chosen career areas and let them practice the leadership, employability, and technical skills they'll need for success. The experience is fun and can lead to lifetime relationships with future professional colleagues.

North Dakota CTSOs include:

DECA

More than 1,200 students are members of DECA at the high school and collegiate levels in North Dakota. DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management for a global workplace.

FBLA/PBL (Future Business Leaders of America/Phi Beta Lambda)

Over 1,800 high school and college students are members of FBLA and PBL in North Dakota. The mission is to bring business and education together in a positive working relationship through innovative leadership and career development programs.

FCCLA (Family, Career and Community Leaders of America)

More than 1,500 middle school and high school students in North Dakota benefit from being members of FCCLA. Students focus on multiple roles of a family member, wage earner and community leader; members develop skills for life through character development, creative and critical thinking, interpersonal communications, practical knowledge and career preparation.

FFA

Some 5,400 students in North Dakota take part in FFA, which is dedicated to developing their potential for premier leadership, personal growth, and career success through agricultural education.

SkillsUSA

Over 700 high school and college students benefit from being members of SkillsUSA in North Dakota. SkillsUSA is a partnership of students, teachers and industry representatives working together to ensure America has a skilled workforce. Activities in local chapters resolve around preparation for competitions in a broad range of leadership and career skills.

TSA (Technology Student Association)

More than 300 middle school and high school students gain leadership and opportunities in technology, innovation, design and engineering. TSA members prepare for challenges of a dynamic world by promoting technological literacy, leadership and problem solving resulting in personal growth and opportunities.

What are the opportunities for students involved in Career and Technical Student Organizations?

There are a number of benefits for students participating in Career and Technical Student Organizations. Students can:

- Develop and practice leadership skills.
- Become involved in community service opportunities.
- Develop employability skills such as problem-solving, decision making, team work, accepting responsibility, and follow-through with assigned tasks.
- Develop job seeking skills such as developing a resume, interviewing, and performance review skills.
- Explore majors and occupations in their career pathways.

North Dakota

Career & Technical Education

Putting Learner Success First: A Shared Vision for the Future of CTE



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Mission

The mission of Career and Technical Education is to work with others to provide North Dakota citizens with the technical skills, knowledge, and attitudes necessary for successful performance in a globally competitive workplace.

What is Career and Technical Education?

Career and Technical Education (CTE) prepares students, both youth and adults, for a wide range of careers. These careers require varying levels of education; high school diplomas and postsecondary certificates, apprenticeships, or two and four-year college degrees. Students add value to their overall education by completing CTE programs of study that provide opportunities to earn industry-recognized credentials and college credit while still in high school.

Who qualifies to take a Career and Technical Education course or training?

North Dakota is taking steps to improve educational opportunity for all of our students. We must keep in mind that the purpose of education is to prepare students for successful transitions to lifetimes of learning, earning, and living. It is for that reason that our educational leaders have included CTE for all of our students. CTE provides comprehensive opportunities for students to develop the skills they need to succeed in the 21st century economy.

How is Career and Technical Education a part of our educational system?

By meeting the current needs and anticipating the future demands of the economy, CTE is critical to our nation's economic success. CTE is a leader in building collaborative connections among education, economic development, and workforce development to ensure alignment of policies and program delivery. Standards are rigorous, blend academic and technical content, and are internationally benchmarked.

Career and Technical Education is a vital part of the total educational system. It provides equitable opportunities for all students to develop skills they need to:

- Learn through career development while meeting academic standards;
- Earn as productive citizens in a global society; and
- Live as contributing members of their communities.

What Programs are included in Career and Technical Education?

CTE is comprised of nine program areas developed to prepare students to meet the demands of college and expectations of employers. Within each program area are "career clusters" offering several career pathways, valuable skills and real-world experience.

CTE Program Areas are:

- Agricultural Education
- Business Education
- Career Development
- Family and Consumer Sciences Education
- Health Sciences Education
- Information Technology Education
- Marketing Education
- Technology & Engineering Education
- Trades, Industry, & Technical Education



What are Career Clusters and how do they fit into Career and Technical Education?

The Career Clusters serve as an organizational model to group occupations with similar traits. Essential skills and knowledge for each cluster have been identified and provide the foundation for CTE curriculum development and instruction. Students are able to create plans of study which result in a complete range of career options. As such, career clusters help students discover their interests and abilities, and empowers them to choose the educational pathway that can lead to future success.

What are the 16 Career Clusters in North Dakota?

Energy careers are often embedded in the Agriculture, Food & Natural Resources cluster. Additional information is available to highlight North Dakota's vibrant energy industry.

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| • Agriculture, Food & Natural Resources | • Human Services |
| • Architecture & Construction | • Information Technology |
| • Arts, A/V Technology & Communications | • Law, Public Safety, Corrections & Security |
| • Business Management & Administration | • Manufacturing |
| • Education & Training | • Marketing |
| • Finance | • Science, Technology, Engineering & Mathematics |
| • Government & Public Administration | • Transportation, Distribution & Logistics |
| • Health Science | |
| • Hospitality & Tourism | |

