Opportunities in CTE

(Insert School Name)
Career and Technical Education vs. Vocational Education

Vocational education was originally focused on getting students ready for entry-level jobs. Woodworking, mechanics, and other skills needed to enter the workforce out of high school was the primary goal.

Career and Technical Education (CTE) is the correct term for the experiences and opportunities our students have. Students with a CTE coursework background will have the preparation necessary to join the workforce, enter post-secondary education or join the military. CTE courses currently available include skill development in mechatronics, computer networking, botany, culinary arts, EMT, and much more.
Why CTE?

According to the short film: *Success in the New Economy*

1:2:7

For every 1 professional job that requires a master's degree or higher

There are 2 jobs that require a bachelor's degree

There are 7 skilled jobs that require an associate's degree or certificate.
What does CTE look like in (insert your school)?

Add programs/classes offered at your specific school

For example:

Agriculture - Online and In-person
   Courses include: Botany, Vet Science, Ag. I-IV, etc.
   Career and Technical Student Organizations (CTSOs) such as FFA
Other CTE Course Offerings

Students traveling to a CTE Center, Online courses, Interactive Television (ITV) courses.

For example:

Auto Technology:

Southeast Regional Career and Tech Center/ND State College of Science
  Auto 1, Auto 2 – These courses can be used to earn credit towards post-secondary advancement.
  CTSO-SkillsUSA
Career Development Counseling

Career Development counselors have completed specific training, provide in-depth career exploration planning for students, and work with state agencies to provide meaningful career planning during grades 7-12. Approximately 95 school counselors in ND have this distinction.

Career Development counselors and Career Advisors work in a variety of settings across the state including colleges, Marmot School, career and technology centers, and area schools.

(Insert relevant information about your position (e.g., Are you hired through a career center?)
CTE 2-Year Post-secondary Institutions
Local Industry - Where Our Students Work?

Insert your local industries:

For example:

![Bobcat](image1.png)  ![DOOSAN](image2.png)
Middle-skill jobs – those requiring some post-secondary education and training, but not a Bachelor’s degree – account for 60 percent of North Dakota’s labor market.

However, only 50 percent of workers in North Dakota are qualified to fill these middle-skill jobs, leading to a skills gap that CTE can help address.

In total, 3,259 associate’s degrees or certificates were awarded in North Dakota in 2015 – about 27 percent of all post-secondary degrees and certificates.

In North Dakota, the top middle-skill occupations with the highest projected job openings are in the Health Science, Manufacturing, and Architecture & Construction Career Clusters.
North Dakota Data

- 95% of students earning 2 or more credits in a single CTE program (concentrators) graduated on time.
- 9 out of 10 secondary CTE students met or exceeded the state’s technical skills proficiency level.
- CTE concentrators scored 18% higher on reading proficiency and almost 9% higher on math proficiency than the average for all students according to the ND Department of Public Instruction assessment data.
- CTE concentrators also had a 9% higher graduation rate.
- During 2016-2017, high school CTE enrollment was 21,076 or 69% of all high school students.
CTE Scholarship Data

For the class of 2018, (insert your school percentage) of our seniors earned the ND CTE scholarship. Students may use up to $6,000 to fund their college experience.

CTE Coordinated Plan options at (insert your school):
References


3 Based on Advance CTE’s analysis of fastest-growing occupations by state. This represents occupations with high annual projected job openings that requires an associate’s degree and provide an average wage of at least $34,760. Retrieved from https://www.careerinfonet.org/select_state.asp?id=11&nodeid=12&next=state1

Slide 10:
North Dakota State ACTE Profile: https://www.acteonline.org/why-cte/state-profiles