Opportunities in CTE

(Insert School Name)

Add your own school name here.

Introduce yourself, talk about your credentials.
Career and Technical Education (CTE) has come a long way since the days of vocational education. CTE courses prepares students with real life skills that industry is looking for. CTE prepares students with skills (public speaking, time management, problem solving, etc.) for high demand jobs and real life. CTE gives students hands on experiences that will prepare students for the work force. Many times people don’t realize what the acronym CTE stands for. Ask the question if anyone has been in FFA, HOSA, Skills USA, Agriculture Classes, FBLA, etc. Make the connection with your audience.
If time allows show the video “Success in the New Economy” (9 minutes and 35 seconds). If you do not have time to show the video discuss the following. (all of the information below comes directly from the video clip).

2 out of 3 graduating high school seniors enroll in higher education right after high school. Many will drop out and only 25% of them that enroll will finish a bachelors degree. After they graduate they realize that their degree may not have prepared them for the world of work. They may be well educated but not every degree is direct preparation for employment.

2018: Harvard University predicts that only 33% of all jobs will require a 4 year degree, 57% will be technical jobs that require skilled training and 10% will be unskilled.

Before students enroll in post-secondary education they should do the following:

1) Self-exploration – analyze interests, talents and strengths.
2) Career Exploration – evaluate jobs available income ranges and the skills they
require
3) Develop a plan – align your interests and abilities with your career choice

Success in the new economy is about acquiring knowledge skills and abilities as well as being well educated.
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

Talk about all of the course offerings at your school that are Career and Technical Education. Also talk about the CTE student organizations.
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

If your school contracts with a Career and Technical center include those classes here. Include ITV classes that are CTE. Include the appropriate CTSO.
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?)

Discuss the following requirements that Career Development Counselors are required to do.

1. Program of work
2. Advisory board meetings 2x a year
Talk about the 2 year post-secondary institution nearest to you. Talk about the programs that they offer.
Local Industry - Where Our Students Work?

Insert your local industries:

For example:

Include industry that is near you. Even small towns have some sort of industry that students work at even if it is summer temp help. Don’t forget to include the volunteer EMT’s.
CTE Works for North Dakota’s Economy

- 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.

This is North Dakota data taken from the AdvanceCTE website.

You could print the fact sheet for your audience to see.
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.

This data comes from the North Dakota ACTE profile @: https://www.acteonline.org/why-cte/state-profiles
Add your local school data for the ND CTE scholarship.

Also include the coordinated plans of study available for students.
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](https://www.careerinfonet.org/select_state.asp?id=11&nodeid=12&next=state1)

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