



Career and Technical Education

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What is CTE?



Career and Technical Education (CTE) is an educational model that helps students discover their skills and passions related to careers of interest.

CTE aligns elementary, secondary, and postsecondary education to labor market demands and provides students with the technical, academic, and employability knowledge and skills they need for success.

Career Technical Education
looks like in
Transylvania County Schools?

Career Education at the Elementary

5th Grade: Establishing Career Awareness

Career awareness prepares students by introducing them to the first step of career development, introducing the concept of a “career” to students and beginning the students’ understanding of the different careers they may pursue.

Student Learning Objectives:

Students become aware of what a career is, can discuss some careers they have learned about, and are exposed to self-awareness for potential career likes and dislikes.

Experiences might include:

- Explore the definition of “career” and in class lessons provided by CDC
- Guest speakers
- Awareness of Career and Technical Student Organizations (CTSOs)
- Career day with local businesses
- Career-centered games
- Self-assessments
- CTE program area spotlights (more visuals present in elementary and middle school buildings)
- Career bingo/scavenger hunts
- Career fairs such as Careers on Wheels event and school Career Fair
- Career field trips
- Career day activities such as Career Scavenger Hunt

6th Grade: Career Awareness & Self Knowledge

Student Learning Objectives:

Students become aware of their likes and dislikes and formulate career aspirations and have options to take CTE classes.



7th Grade: Knowledge of the World of Work and Education

Student Learning Objectives:

Students are able to give examples of how their skills and interests relate to career fields and occupations & Access to classes.



8th Grade: Decision Making & Goal Setting

Student Learning Objectives:

Students recognize that their educational performance is important for reaching their goals and make decisions in a systematic way and access to CTE classes.



Career Education at the High School Level

9th Grade - Learning ABOUT Work

Students build awareness of careers and begin to identify areas of interest. Students are aware of the role of post-secondary education.

10th Grade - Learning ABOUT Work

Activities provide students with a deeper understanding of the workplace. Students explore career options to provide motivation and inform decision-making in high school and post-secondary education. Students have the opportunity to explore and refine areas of interest and prepare for higher intensity work-based learning experiences through interactions with business partners.

11th Grade - Learning THROUGH Work

Activities are designed to help students develop the basic foundational skills needed for college and career readiness. Students apply learning through practical experience and interactions with professionals from industry and the community.

12th Grade - Learning FOR Work

Training for postsecondary education and/or employment/military in a specific range of occupations.

Student Learning Outcome:

Students are able to demonstrate knowledge of occupations in a career and skills specific to employment in a range of fields or future college majors.

Experiences might include:

- Internships
- Pre-Apprenticeship
- Leadership Development / Community Service
- Certifications / Credentials (CTE)
- Community College Visit / Career Services
- College Application Process
- WorkKeys BootCamp
- WorkKeys testing

CFNC Activities

- Year Long assessments and individualized meetings and completion of FAFSA

WBL Opportunities

- Internships
- Apprenticeship
- Volunteer Experience

CTE Pathways and Program Areas

High School Level

Agriculture & Natural Resources

- ❖ Animal Science
- ❖ Plant Systems
- ❖ Natural Resources
- ❖ Power, Structural, and Technical Systems (Ag Mechanics) **New 25-26



Architecture & Construction

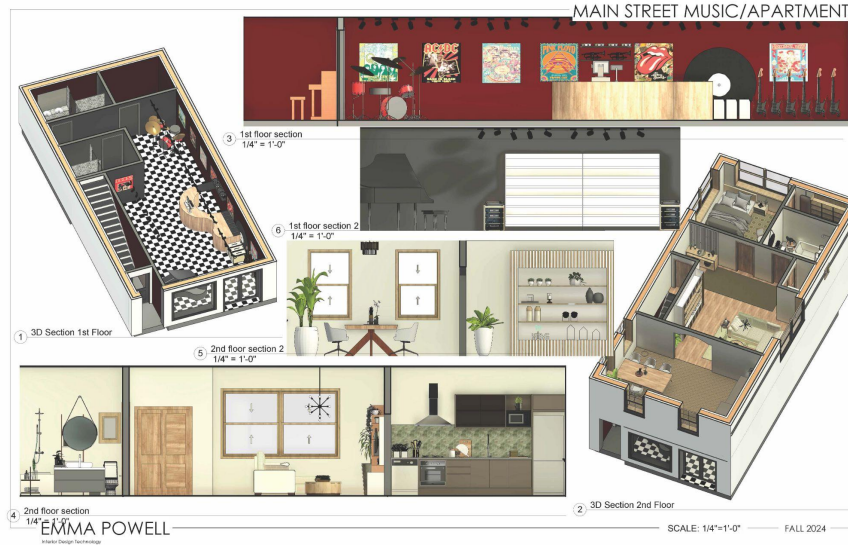
Carpentry

Masonry

Drafting Architecture

Interior Design

Electrical Trades** New in 25-26



POWERING YOUR FUTURE

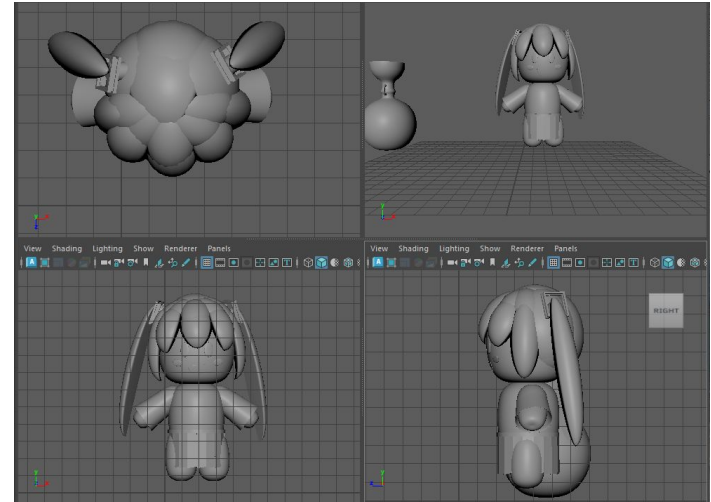
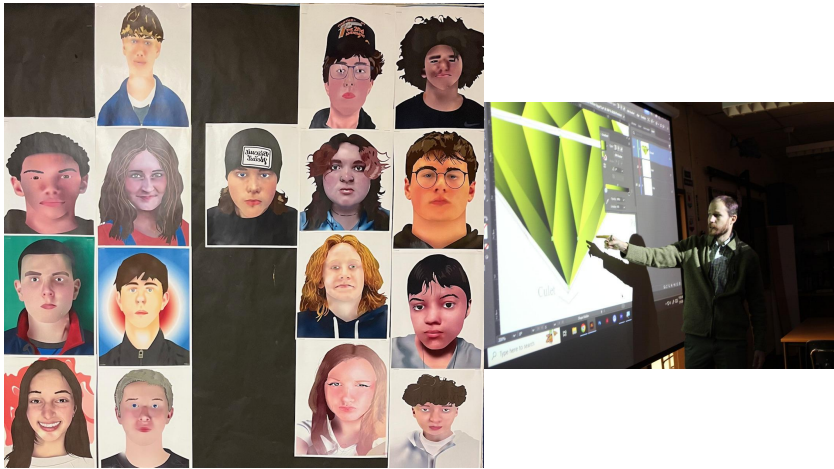
NEW ELECTRICAL TRADES PATHWAY

Why You Should Take Electrical Trades Classes

- ✓ High Demand for Electrical Workers - Job Security
- ✓ Prepare for NC Electrician License while earning credentials
- ✓ Competitive Pay and Benefits
- ✓ Hands on work / Real World Experience
- ✓ Opportunities for Self Employment
- ✓ Variety of Work Environments with Opportunities for Advancement

For More Information Contact:
Colby Guice at cguice@tcsnc.org or Tanya Melton at tmelton@tcsnc.org

Arts, A/V Technology, & Communication
Adobe Academy Pathway
3D Modeling and Animation



Business Management & Administration

Entrepreneurship



Why You Should Take Entrepreneurship



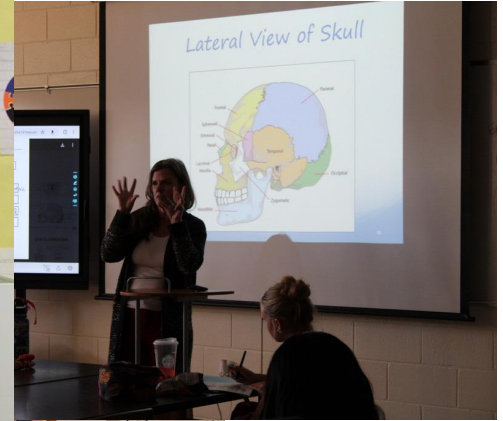
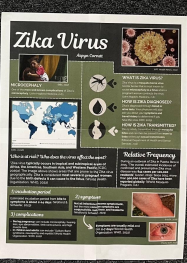
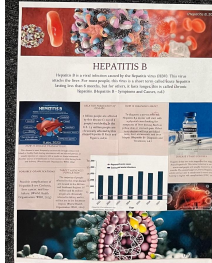
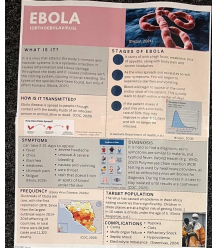
- Learn How to Start Your Own Business
- Be Your Own Boss
- Turn Your Passion into Profit
- Develop Real World Skills
- Create Products in Classroom Maker Station
- Work on Hands-on-Projects
- Join DECA for Competition and Travel



For More Information Contact
Laura Smith (lasmith@tcsnc.org)



Health Science Healthcare Professional



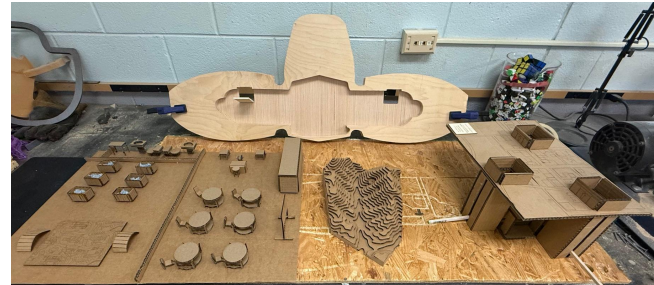
Marketing

Marketing Management Pathway



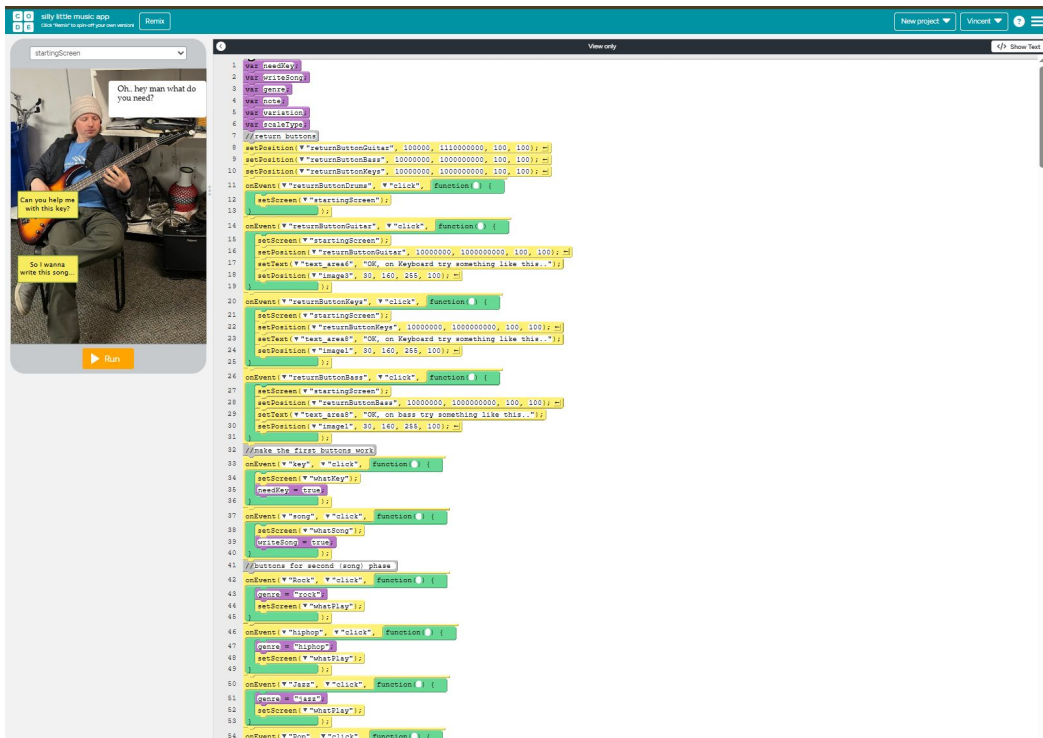
Science, Technology, Engineering, & Math

Technology Engineering and Design



Information Technology

Computer Science Principles



Hospitality & Tourism

Culinary Arts Applications

Hospitality and Tourism Management



**Want to Make a Big Impact
on Little Lives?**

**Now Offering
Child Development**

**SIGN UP
NOW**

✓ **Hand On Projects**

- Infant Care Simulations
- Preschool Lesson Planning
- Toy Labs
- Storybook Development

✓ **Join FCCLA**

- Travel to Competitions and Conferences
- Compete in Exciting Events
- Make New Friends and Network with other High School Students

✓ **Explore Career Opportunities**

- Learn about exciting careers in the Child Care Industry
- Develop Skills needed to be successful in today's workforce

**For More Information Contact
Laura Smith at lasmith@tcsnc.org**



Human Services

Early Childhood Development and Services

****New in 2025 - 2026****

Exciting new addition!

Opportunity to earn the North Carolina Early
Childhood Credential!


Partnership with Blue Ridge Community
College.

4-Year Cohort Graduation Rates

2023-24 CTE Concentrator Graduates			
Subgroup	Actual	Benchmark	Gap Analysis
All Students	>95	93.75	+
Male	>95	92.71	+
Female	>95	95.05	+
Black	^	100	n/a
Hispanic	>95	100	0.00
Two or More Races	>95	84.3	+
White	>95	93.88	+
Economically Disadvantaged	>95	92.17	+
English Learner	^	70.03	n/a
Students with Disabilities	90.00	89.38	0.62

2023-24 Credentialing Data

Credential Attainment Rates		
NC	Western Region	TCS
53%	39.6%	83.5%



**2nd in
NC!!**

TCS Students Earned 1,754 individual Credentials!

Adobe Illustrator, Photoshop, Premiere Pro, Indesign; AHLEI Certified Guest Service Professional; Autodesk Certified User AutoCAD, Revit; Beef Quality Assurance; Certified Fundamentals Cook; Certified Veterinary Assistant; CPR/AED; Entrepreneurship and Small Business Certification; First Aid, Fundamental Marketing Concepts; NC NCCER Core, Carpentry I, Carpentry II, Masonry I, Masonry II, Masonry III; OSHA 10-Hour Construction, Healthcare; PreProfessional in Interior Design, Culinary Arts; ServSafe Food Manager; Stop the Bleed; Youth for the Quality Care of Animals; Venture Entrepreneurial Expedition;

Comprehensive Local Needs Assessment (CLNA)

Increase Internships and other work-based learning opportunities

- We will work with community partners to increase work-based / out-of-classroom learning opportunities for students.
- CTE Internships and Job Shadowing will be advertised in all CTE classrooms and curriculum fairs as well as during career exploration and registration activities.
- CTE teachers will continue to take students off campus to connect them to area workplaces, jobsites, career opportunities, and educational opportunities.
- CTE staff will continue to coordinate with Transylvania Economic and Blue Ridge Community College to provide opportunities for students to tour local manufacturing facilities in order to understand the opportunities available in this area.
- We will feature interns and participating businesses in publications and social media posts to increase stakeholder awareness.

End Goal.....3 E's

- **Enrolled**
- **Employed**
- **Enlisted**