



# Career and Technical Education

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# TCS CLNA

Board Presentation 2026





Career & Technical Education Pathways



# What is CTE?



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

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

# Transylvania County Schools



## What does Career Technical Education look like in Transylvania County Schools?



Hands-on Learning



Skill Development



Future Ready

# 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 talk about 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

## 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

## 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

## 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 FASA

### WBL Opportunities

- Internships
- Apprenticeship
- Volunteer Experience

# CTE Pathways: Agriculture & Natural Resources



**Animal Science  
Pathway**



**Plant Systems  
Pathway**



**Natural Resources  
Pathway**



# Architecture & Construction



Carpentry Pathway



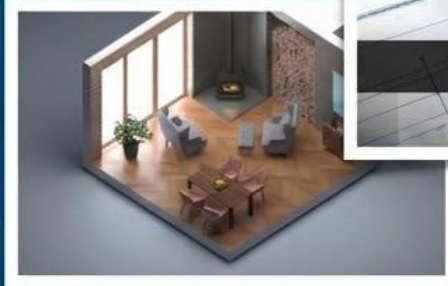
Masonry Pathway



Drafting Architecture  
Pathway



Interior Design Pathway

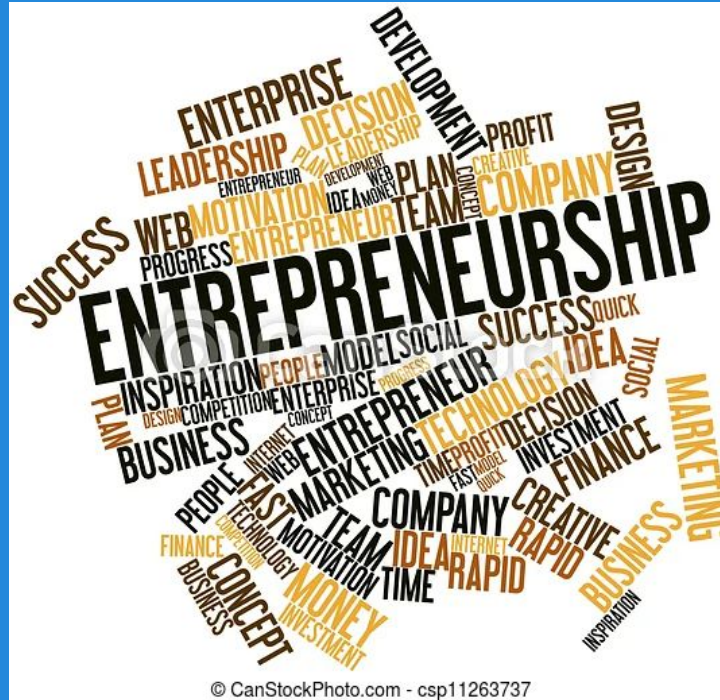


Arts, A/V Technology, & Communication  
Adobe Academy Pathway



# Business Management & Administration

## Entrepreneurship Pathway



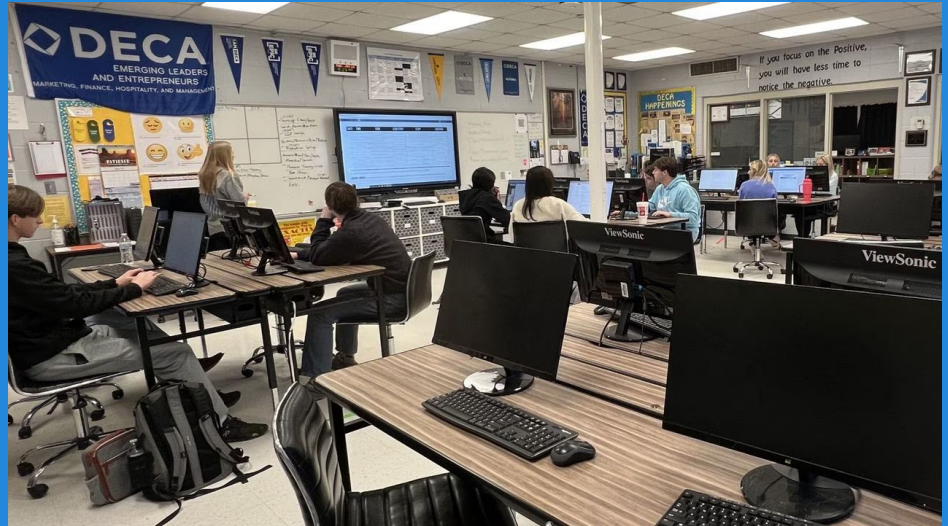
# Health Science

## Healthcare Professional Pathway



# Marketing

## Marketing Management Pathway



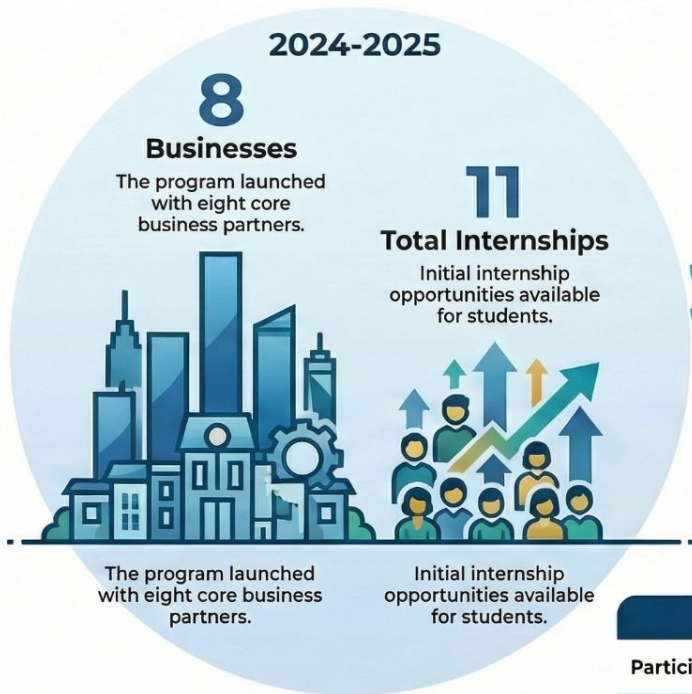


# Credentialing Data

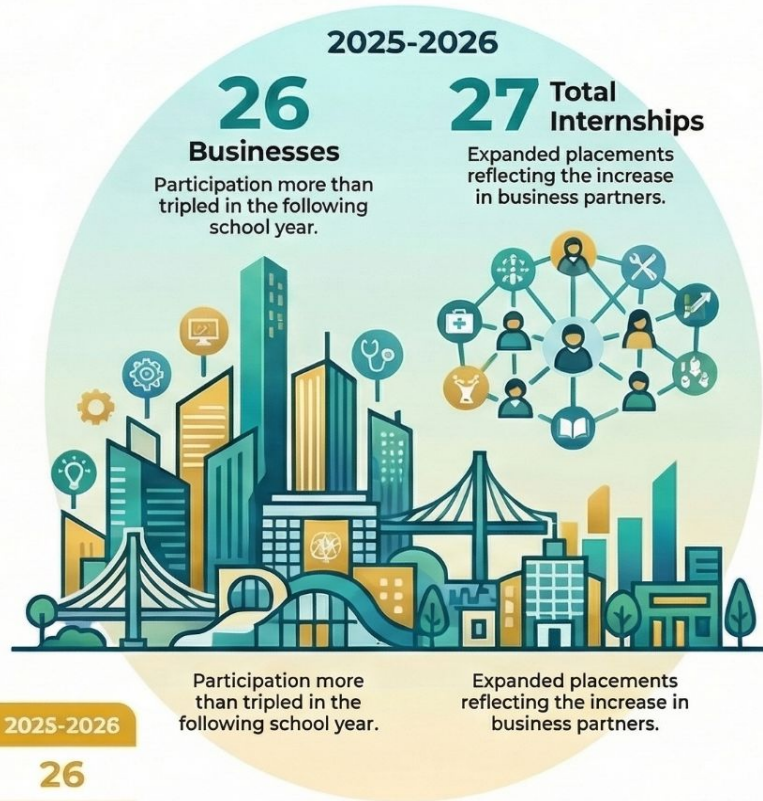
	Credential Attainment Rates			
YEAR	NC	Western Region	TCS	Rank
24-25	73%	58%	89.28	1st
23-24	41%	30%	67% (up from 48%)	6th

- Adobe Illustrator, Photoshop, Premiere Pro, Indesign; AHLEI Certified Guest
- Service Professional; Autodesk Certified User AutoCAD, Revit; Beef Quality Assurance; 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, General Industry; ServSafe Food Manager; Stop the Bleed; Youth for the Quality Care of Animals; Venture Entrepreneurial Expedition

# Expanding Opportunities: Partnership Growth Comparison



A massive influx of new businesses joined the program.



Metric	2024-2025	2025-2026
Participating Businesses	8	26
Total Internships	11	27

# Comprehensive Local Needs Assessment (CLNA)



## PRIMARY GOAL

- Increase CTE concentrators with quality recognized credentials by 0.5% annually for the next two years.



## RATIONALE & PARTNERSHIPS

- Industry credentials increase employability in a diversifying market.
- Developed internships with local partners (BRCC & Transylvania Economic Alliance).
- Created 6 paid opportunities with training at 4 local businesses.



## IMPLEMENTATION STRATEGY

- Compare credentials to local employment needs.
- Provide teacher PD for credential attainment.
- Review with employers & MAWDB for relevance.
- Create credential lists for each CTE course.
- Compare credential & course competencies.
- Share data between teachers and admin



# End Goal.....3 E's



**ENROLLED**

Higher Education  
& Training



**EMPLOYED /  
ENTREPRENEURSHIP**

Career & Business  
Ventures



**ENLISTED**

Military Service

