

### **Career and Technical Education**

Overview and Local Application Presentation 2023-2024

Presenter: Dr. Danyelle Parker, Executive Director of CTE and Secondary Education





### **Presentation Overview**

- Meet the Team
- CTE Vision and Mission
- CTE Promotional Videos
- CTE In Action
- Review Data including Credential Attainment
- Special Populations
- Career Development
- Comprehensive Local Needs Assessment (CLNA)
- 2023-2024 Allotments
- 2023-2024 Budget Priorities
- Upcoming Events
- FCS Board Approval



### **Meet the Team**

FCS Central Office CTE Staff



Dr. Danyelle Parker

Ex. Director CTE and
Secondary Education





Lisa Place

Curriculum and Instructional

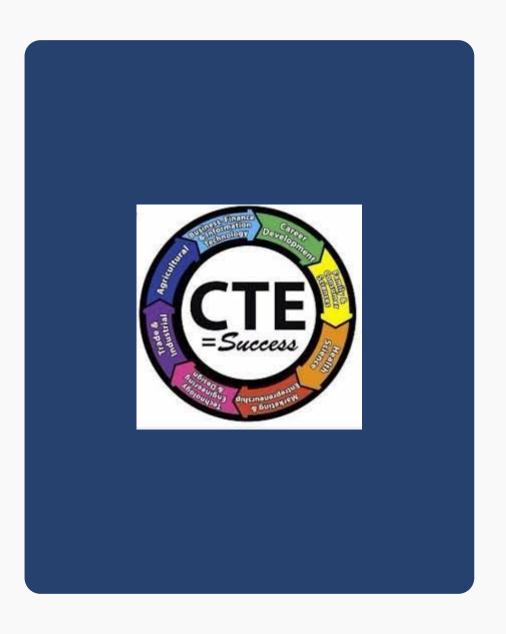
Management Coordinator



Sylvia Allen

Career Development Coordinator/
Special Populations Coordinator





### Vision and Mission of NC Career and Technical Education

#### **NC CTE VISION**

When **students** participate in Career and Technical Education as an integral part of the total school experience, and when **parents** recognize that Career and Technical Education impacts achievement of educational and career goals, and when **partnerships** impact the educational community to provide a seamless transition to educational and career goals, then North Carolina will develop a more talented workforce that successfully recruits and retains new business and industry and students will be empowered for success.

### **NC CTE MISSION**

To empower all students to be successful citizens, workers and leaders in a global economy.



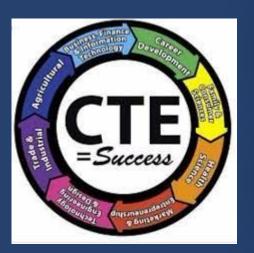
# CTE Promotional Videos

The CTE Director and the Communications Director collaborated with CTE Teachers to create promotional videos to showcase FCS CTE Programs. Videos are linked here.

## CTE Overview Video



**CTE Agriculture Video** 





CTE Family and Consumer Sciences Video



**CTE Public Safety Video** 



**CTE Trades Video** 







### **Health Science Field Trip**

Central Carolina Community College







#### **CTE TEACHER OF THE YEAR**



### **CTE In Action**

NCCAT CTE TOY 2022 and 2023









Maria Styers, Culinary Arts Teacher at FHS, served as the NC NCCAT TOY in 2022. She went on to become a state finalist. She was one of two individuals selected to represent the North Central Region. As a finalist, Maria was featured in "The Good News Franklin County Schools" Podcast. Click to Listen Here

Jovon Blacknall, Business Education teacher at BHS, has been selected to represent FCS as the NC NCCAT TOY for 2023. He will now go on to compete regionally in hopes continuing to component for this state recognition.







National Technical Honor Society Induction







### FHS College Career Fair

Collaboration between the CDC and College Liaison











### **NCTAP Visit**

As stated on their website, <u>NCTAP</u> is an apprenticeship program based in the NC Triangle. It is designed to develop experts needed in the modern workforce. The core training program utilizes a hands-on approach to develop skills across a wide range of disciplines.













### Bunn High School-SkillsUSA State Conference

Emergency Medical Technology (EMT)–4th Place (Team K)
Carpentry 1–4th Place Gabriel Alvarez

Basic-Bronze-Hunter Godwin; 5th Place-Jacob Herron

Firefighting Intermediate-5th Place Dylan Cash

TeamWorks-4th Place Team D

Advisor and Teachers Involved: BHS: William Longson, Carpentry; Jesse Richardson, Fire Technology; Alexandria Brodie, Agriculture. Bradley Grissom, EMT teacher at LMHS.







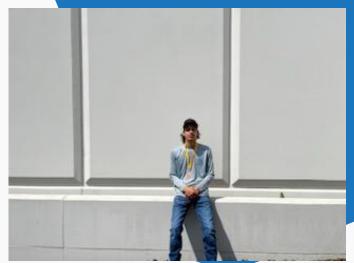
### SkillsUSA-Career and Technical Student Organization (CTSO)

As stated on their website, SkillsUSA is a partnership of students, teachers, and industry working together to ensure that America has a skilled workforce. SkillsUSA serves middle-school, high-school and college/postsecondary students preparing for careers in trade, technical and skilled service (including health) occupations.











SkillsUSA State Conference - April 18-20, 2023 Greensboro, NC











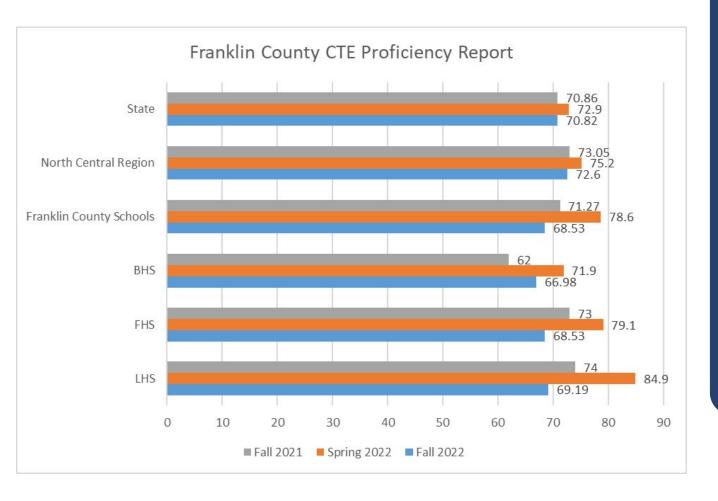
### CTE Data 2021-2022

The data that will be shared represents the CTE post assessment and credentials.

- There are three Proof of Learning Options:
  - CTE Post Assessment
  - Credential
  - Performance Based Measure



## CTE Data 2021-2022



This chart represents Franklin County Schools performance on the NC CTE State Assessment and Performance Based Measures.



### **2021-2022 CTE AT-A-GLANCE**

Franklin County Schools.

>95%

86%

North Carolina Cohort Graduation

POSTSECONDARY>95%





N/A% MILITARY N/A%
APPRENTICESHIP

CTE Concentrators who report positive placement in advanced training, military service, national or community service, employment, or postsecondary education within six months after graduating CTE concentrators may report more than one positive placement

CTE PARTICIPANTS
361
CTE CONCENTRATORS

Learning that works for No

\*A CTE Concentrator is a student in grades 9-13 who successfully completes at least two CTE courses in a single career and technical education program of study with at least one course from a level one (prerequisite level course) and one course at a level two (concentrator level) course. A CTE Participant is a student who completes at least one course in a career and technical education program of study.

# ACADEMIC PROFICIENCY

READING/ LANGUAGE ARTS

SCIENCE

• •





CTE Concentrators who are college and career ready in English II, Math 1 or Math 3 and Biology





CTE Concentrators who graduated having earned at least one industryrecognized credential aligned to their pathway of concentration

32.7% CREDENTIAL ATTAINMENT

### **CTE Credential Data**

Credentials Earned				
School Year	BHS	FHS	LHS	Total
18-19	1407	842	488	2737
19-20	706	520	472	1698
20-21	96	54	240	390
21-22	724	1170	771	2659



# NORTH CAROLINA CAREER AND TECHNICAL EDUCATION Credential Attainment Report 2021-2022

**Link: NC Credentials and Reporting** 

### 2021-2022 Credential Attainment Rate

Franklin County Schools ranked 4th in the region.

PSU Name (Traditional)	Earned	Potential	CredAttRate
State	238,650	844,876	28%
North Central Region	44,192	189,751	23%
Chapel Hill-Carrboro City Schools	791	1934	40.9%
Chatham County Schools	2727	8873	30.7%
Durham Public Schools	822	8189	10.0%
Edgecombe County Public Schools	234	2095	11.2%
Franklin County Schools	2659	8124	32.7%
Granville County Schools	806	5929	13.6%
Harnett County Schools	4846	17714	27.4%
Johnston County Public Schools	3515	22301	15.8%
Lee County Schools	3674	9560	38.4%
Nash County Public Schools	2384	13271	18.0%
Orange County Schools	821	4425	18.6%
Person County Schools	1250	4766	26.2%
Vance County Schools	65	3122	2.1%
Wake County Schools	16489	64489	25.6%
Warren County Schools	9	1427	0.6%
Wilson County Schools	2959	8934	33.1%



# NORTH CAROLINA CAREER AND TECHNICAL EDUCATION **Credential Attainment Report** 2021-2022

### Franklin County Schools Credential Highlights

### **PSU with Highest Credential Attainment 2021-2022**

Franklin County Schools was identified as the PSU with the Highest Credential Attainment for the credential that is offered in the course Emergency Management I and II

- NC: Emergency Management Certification I
  - o 92 Credentials Earned Statewide
  - 28 Credentials Earned (30%)
- Franklin County Schools earned 2659 in the 2021-2022 school year.

<u>CTE Courses and Credential Offerings</u> (Credentials that are Proof of Learnings are highlighted in yellow.)

Link: NC Credentials and Reporting



# Credential Attainment Report 2021-2022

**Link: NC Credentials and Reporting** 

### **Franklin County Schools Credential Highlights**

### FCS Credential Attainment Rate Above 50% 2021-2022

Credential Name	Earned	Potential	CredAttRate
Community Emerg Resp Team (CERT)	15	16	93.8%
CPR/AED	41	47	87.2%
Entrepreneurship and Small Business	11	11	100.0%
Law and Pub Safety Intro Competency	98	130	75.4%
NC Emergency Management I IS-120	30	38	78.9%
NC Emergency Management I IS-2200	28	38	73.7%
NC Emergency Management I IS-230	31	38	81.6%
NC Emergency Management I IS-235	31	38	81.6%
NC Emergency Management I IS-240	31	38	81.6%
NC Emergency Management I IS-241	30	38	78.9%
NC Emergency Management I IS-242	30	38	78.9%
NC Emergency Management I IS-244	30	38	78.9%
NC Emergency Management I IS-288	30	38	78.9%
NC Emergency Management I IS-559	29	38	76.3%
NC Emergency Management I IS-703	29	38	76.3%
NC Emergency Management I IS-706	29	38	76.3%
NC Emergency Management I IS-909	31	38	81.6%
NC NCCER Module 00107 (with PP)	138	245	56.3%
NC NCCER Module 00108 (with PP)	135	245	55.1%
NC NCCER Module 00109 (with PP)	126	245	51.4%
NC NCCER Module 27101	83	115	72.2%
NC NCCER Module 27102 (with PP)	63	115	54.8%
NC NCCER Module 27103 (with PP)	65	115	56.5%
NC NCCER Module 27104 (with PP)	62	115	53.9%
NC NCCER Module 27105 (with PP)	61	115	53.0%
NC NCCER Module 27110 (with PP)	62	115	53.9%
NC NCCER Module 27111 (with PP)	64	115	55.7%
NC NCCER Module 28203 (with PP)	2	4	50.0%
NC NCCER Module 28204 (with PP)	2	4	50.0%
NCOSFM FF Fire Ops 6 (FIP 3046)	14	18	77.8%
NECI 911 Basic Communications	12	16	75.0%
North Carolina Nurse Aide I	15	20	75.0%
OSHA 10-Hr Industry Cert - Hlthcare	36	47	76.6%
PrePAC in Culinary Arts	30	39	76.9%



# **Credential Attainment Report** 2021-2022

### **Understanding WorkKeys**

- ACT WorkKeys is a career readiness credential.
- ACT WorkKeys is a part of the accountability model and is NOT reported in CTE data.
- This assessment is used to measure student employability skills in three areas – Applied Math, Graphic Literacy, and Workplace Documents.
- The ACT WorkKeys exam is administered to CTE concentrators in their anticipated graduation year.
- CTE concentrators are students who successfully complete a second- or third-level course that builds upon skills acquired in a prerequisite course or courses.
- The CTE department assists the accountability team with CTE concentrator identification.

Link: NC Credentials and Reporting



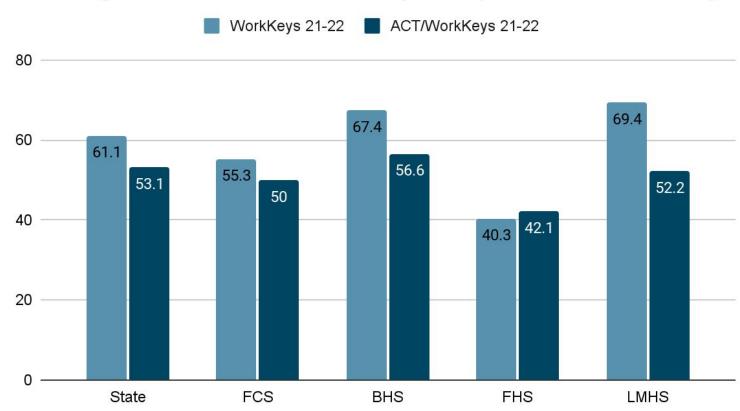
# NORTH CAROLINA CAREER AND TECHNICAL EDUCATION **Credential Attainment Report** 2021-2022

**Link: NC Credentials and Reporting** 

### **WorkKeys Results**

(Keep in mind, these results are not linked to a CTE course and are not a CTE accountability measure.)

Percentage of Silver or Better WorkKeys Compared to ACT/WorkKeys



Source: Director of Accountability/NC Report Card



### **Special Populations**

Perkins V focuses on increasing the employment opportunities for populations who are chronically unemployed or underemployed. We are expected to use state and federal funds to support students participating in CTE courses, including members of special populations, through the submission of a local application.

Here are some examples of how the Special Populations Coordinator (SPC) provides support by:

- Identifying members of special populations.
- Communicating with teachers about ways that they can support students in the classroom.
- Collaborating with appropriate stakeholders. (EC department, EL department, etc.)
- Providing direct support services to students in classroom, through modified blueprint (standards) and indicator assessments, etc.

### **Members of Special Populations**

- Individuals with disabilities;
- Individuals from economically disadvantaged families, including low-income youth and adults;
- Individuals preparing for non-traditional fields;
- Single parents, including single pregnant women;
- Out-of-workforce individuals:
- English learners;
- Homeless individuals (As determined by McKinney-Vento Homeless Assistance Act);
- Youth who are in, or have aged out of, the foster care system; and
- Youth with a parent who (i) is a member of the armed forces, and (ii) is on active duty



### **Career Development State and Federal Expectations**

As it relates to career development, local recipients receiving funds under Perkins V must use funds to support CTE programs that: Provide career exploration and career development activities...that aid students, including in the middle grades, before enrolling and while participating in a CTE program, in making informed plans and decisions about future education and career opportunities and programs of study.

### Activities may include:

- Introductory courses or activities focused on career exploration and career awareness
- Provide labor market information
- Provide career guidance and academic counseling related to postsecondary education and career options
- Any activity that advances knowledge of career opportunities and assists students in decision making about their future.
- Provide programs and activities related to the development of student graduation and career plans
- Provide students experience an understanding of all aspects of an industry.

The standard of the standard o



### CAREER DEVELOPMENT CONTINUUM

5th Career Awareness	6th Self Exploration	7th Career Exploration	8th Future Preparation
Students begin exploring careers. They participate in both academic-integrated and focused career activities. Staff emphasizes the wide variety of careers, traditional versus non-traditional roles, a basic knowledge of postsecondary options, and connecting character traits, social, and emotional skills to life success.  Experiences Include:  • Xello Career Readiness  • Interest Inventory  • Goal Setting  • Facing Big Challenges  • Career Fair	Students build awareness and reflect on their unique, personal characteristics. They examine interests, values, skills, and personality types and begin understanding the importance of matching these characteristics to a possible future career.  Experiences Include:  • Xello Career Readiness  Career Development Plan:  Matchmaker  Assessment  Personality Style  Assessment  Career Research  Learning Style  Assessment  School Subjects at Work  Decision Making  Time Management  • Mini Interest Profiler (Holland	Students build an awareness of the relationship between personal characteristics and careers. They explore and refine areas of interest and connect them to specific career clusters, emphasizing the wide variety of careers within a cluster.  Experiences Include:  • Xello Career Readiness Career Development Plan: Learning Styles Discover Learning Pathways Biases and Career Choices Jobs & Employers • Career Cluster Match (NCCareers.org).	Students gain an understanding of the work that best suits them to make high school plans. They recognize that educational performance is important for reaching goals and making decisions in a systematic way. An emphasis is put on high school opportunities and pathways.  Experiences Include:  • Xello Career Readiness  Career Development Plan:  Explore skills & career matches, transition to high school, & selfadvocacy  • Reality Check (NCCareers.org)  • Financial Simulation I  • VGCC & Early College High School Tour & LMHS
Experiences May Also Include:	Codes on (NCCareers.org)  Experiences May Also Include:  Career Guest Speakers  Career Development Month Activities (November)  Career Camps  CTE Month Activities (February)  Mobile Lab  Career Development Canvas	Experiences May Also Include:	Career Guest Speakers Career Development Month Activities (November) Career Camps CTE Month Activities (February) Career/College Week Activities Conover Workplace Readiness Credential Career Development Canvas

Course

Course

Individuals

have been identified.

responsible for these activities



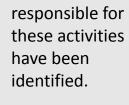
### CAREER DEVELOPMENT CONTINUUM

11th

12th

10th

Success Awareness	Career Exploration	Career Preparation	College/Career Ready
Students understand the importance of educational performance, setting goals, and making systematic decisions about career and future. They understand the variety of educational options within and beyond high school. Emphasis is placed on success skills, both	Students build a deeper understanding of the workplace. They explore possible career options with an understanding of personal characteristics. Possible career options inform decision-making in high school and postsecondary education.	Students prepare for postsecondary education, enrollment in the military, or employment plans. They demonstrate knowledge of careers and skills specific to employment in various fields or future college majors.	Students finalize postsecondary education, enrollment in the military, or employment plans. They demonstrate knowledge of careers and skills specific to employment in a specified field or future college major.
academic and social, as well as academic planning.  Experiences Include:  • EverFi-Keys to Your Future  • Xello/CFNC/NCCareers  Experiences May Also Include:  • Content-Area Guest Speakers	Experiences Include:  • EverFi Grow: Financial Planning for Life Xello/CFNC/NCCareers • CCP Information Session  Experiences May Also Include:	Experiences Include:  • EverFi-Free, Online High School Financial Literacy Lessons • Xello/CFNC/NCCareers • College Fair • Career & Military Fair • Financial Simulation II	Experiences Include:  • EverFi-Build: Credit Fundamentals • Xello/CFNC/NCCareers • College Fair • Career & Military Fair • Financial Aid Night • FAFSA Completion
Content-Area Guest Speakers     Career/College Week     Activities     CTE Month Activities     Resume Building     Job Shadowing	Full Interest Survey     (NCCareers.org)     Career Spotlight     (NCCareers.org)     Skills Matcher & Work Values     Sort (NCCareers.org)     Content-Area Guest Speakers     Career/College Week     Activities     CTE Month Activities     Resume Building     Job Shadowing	Experiences May Also Include:	Experiences May Also Include:  Internships Apprenticeships NAF Internship Preparation Modules Content-Area Guest Speakers Career/College Week Activities CTE Month Activities Resume Building Interview Skills Hiring Event



Individuals

9th



### FCS Career Development Continuum Expectations

- Expose students to career awareness and career development opportunities early to help them establish an academic and career pathway to success.
- Career development activities will occur in grades 5-12 as expected by NCDPI.
- "Experiences include" are activities that every students will receive.
- "Experience may include" are optional activities that some students will participate in based on the situation. For example, some teachers may invite career professionals to speak to their students but this is not happen in every classroom. Also, keep in mind that some students who are CTE participants may receive opportunities not available to non-CTE participants such as the Conover Workplace Readiness Credential.
- Various stakeholders will be involved in the implementation process including teachers, school counselors, CTE staff, school administrators, business and industry professionals, the military, etc.
  - Specific activities have been identified for stakeholders and will be communicated at the beginning of next school year.
- Expected full implementation will be 2023-2024 school year.





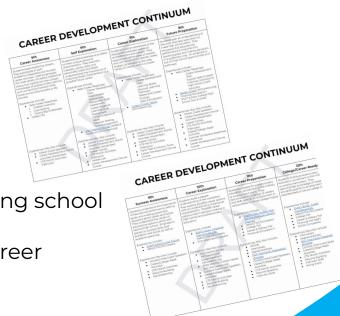
### **Career Development Continuum**

### Where we are we now?:

- The CTE Director, CDC/SPC, and Director of Personnel and Equity (representing school counselors):
  - Met throughout the school year between Fall and Spring to write the Career Development Continuum
  - Met to plan the Career Development Continuum Stakeholder Review
  - Received feedback about the Career Development Continuum from a group of FCS staff from various positions across all grade levels (teachers, counselors, Instructional technologist, assistant principals, principals)
- We have a team meeting scheduled for next week to review the feedback, adjust the continuum, and produce a final draft.

### **Looking Ahead:**

- Develop detailed information to provide to schools regarding the implementation of the continuum
- Schedule and provide necessary training
- Conduct continuous review and make necessary adjustments throughout implementation
- Preparing for potential impact from the <u>NC Senate Bill-Career Development Plans</u> if it passes.





## Comprehensive Local Needs Assessment (CLNA)

- Perkins V requires that local districts complete a Comprehensive Local Needs Assessment prior to completing the Local Application.
- The Local Application is written as a 2-year plan.
- Revisions are made in the 2nd year.
- Our next Comprehensive Local Needs
   Assessment will be completed during the
   2023-2024 school year.
- We will conduct stakeholder focus groups, administer surveys, review data, etc. to determine our local needs.

- To implement the local needs assessment you must evaluate, in consultation with a wide range of stakeholders, how your overall CTE offerings measure up on:
  - Performance on federal accountability indicators
  - > Alignment to labor market needs
  - Size, scope and quality of programs offered
  - Progress toward implementing CareerPathway Programs of Study
  - Recruitment, retention and training of faculty and staff
  - Progress toward improving access and equity



### **Budgets PRC 013, 014, 017**



State months of employment may be used in grades 6-12 for employing non-administrative personnel in a local school administrative unit to satisfy one or more of the following purposes. A Month of Employment (MOE) is a unit of employment corresponding to a calendar month.

### **✓ PRC 014 Allotment -** \$141,723

The purpose of these funds is to provide support for CTE program services and activities. These funds shall be used for instructional salaries, instructional support, and clerical personnel assisting LEAs in the expansion, improvement, modernization and development of quality CTE programs in grades 6-12. (General Statute 115C-156) In addition, PRC 014 funds may be used for career awareness activities to encourage 5th grade students to explore career pathways and prepare students for the transition to middle school career planning. (General Statute 115C-152)Allocations are made based on a formula, which provides a \$10,000 base amount to each LEA. The remainder of the available funds is allotted based on ADM in grades 8-12.

### ✓ PRC 017 Allotment - Not allotted yet. (Last year's planning allotment was \$148,025.)

The purpose of the Strengthening Career and Technical Education for the 21st Century Act (Perkins V) is to develop more fully the academic knowledge and technical and employability skills of secondary education students and postsecondary education students who elect to enroll in Career and Technical Education programs and programs of study. The emphasis should be on the development, coordination, implementation, or improvement of CTE programs. PRC 017 fund can be used for CTE students in grades 5–12 and postsecondary students. Allocations will be made to LEAs based on a formula, which includes the following factors: 1) 70% shall be allotted based upon the proportion of children in poverty ages 5-17 from the preceding fiscal year.



2023-2024

### **2023-2024 Budget Priorities**

- <u>BullsEyeTM Digital Fire Extinguisher Training System-Plus</u> @ BHS for Fire Technology Program
- Kitchen update at BHS for Foods and Nutrition program. This includes a new 18-20 ft. refrigerator/freezer, 5 microwaves, and 5 ranges. Two 18-20 ft. refrigerator/freezers for Foods and Nutrition program at LMHS (Patient Care Manikin Pro for Nursing Fundamentals programs at BHS and LMHS
- Reallocate existing PRC017 CTE funds for Career Development Coordinator position to support Career Development Continuum activities including but not limited to supporting job shadowing, internships, apprenticeship programs, providing credential support, etc.
- EKG Stethoscope and ECG Generator for the EMT program at LMHS.
- ECG Generator for the EMT program at FHS
- Brother Wireless Color Laser Printer for Adobe Lab at FHS
- Poultry Incubator Classpack for Animal Science at FHS
- 12: Miter Saw for Carpentry Program at BHS
- Implementation of Career Development Continuum
- Implementation of Paxton/Patterson Labs in 3 middle schools (Previously purchased using CTE Modernization/Ancillary Items Grant and CTE funds)







### 2023-2024 Ongoing Budget Priorities

- Program improvement to align with NCDPI equipment expectations and industry standards
- Continue to increase involvement of business partners
- Increase student participation in Career and Technical Student Organizations (CTSO)
- Provide work based learning opportunities--field trips, internships, pre-apprenticeships, etc.
- Support professional development for teachers such as CTE Summer Conference
- Fund participation in regional, state, and national CTSO conferences as allowable
- Continue funding 50% of the Administrative Assistant Position that supports the CTE Director and the Chief of Academics
- Instructional supplies and materials including those purchased with open purchase orders that support courses such as: Culinary Arts, Foods and Nutrition, Carpentry, Masonry, and Agriculture
- Xello Career Readiness Program for students in grades 5-12
- Renewal of various software and subscription programs for ALL high schools such as: Gmetrix (Microsoft), iCEV (Ag. Programs, Today's Class (Automotive), Identifix Electronic Service Manual (Automotive), Adobe Suite (Adobe), etc.







### **Upcoming Events**

CTE provides work-based learning opportunities for middle and high school students.



We are Hiring!!











## Thank You

Ŧ

Are there any questions?



### **Seeking Board Approval**

FCS Career and Technical Education is seeking approval from the FCS Board of Education for the Local Application for the 2023-2024 school year.

### **CCIP Viewing Directions**

Once the Application is Approved, to view the application online, visit ccip.schools.nc.gov.

Click Search. Click Organizations. Key Franklin County as the Organization Name. Click Search. Select Franklin County Schools. Click Funding. Select Funding Applications. Use the drop menu to select year 2024. Choose CTE Local Application.

\*The 2023 application is currently available for public view but the 2024 application will only be visible after it has been approved.

