



*Frederick County
Public Schools
Career and Technology
Education*



CTE Graduation Completer Options

- 1) University of MD Completer
- 2) CTE Completer 4 credits in an in-depth state approved program of study
 - (25-30%) 600-990 students
- 3) CTE Advanced Tech (6%)



CTE Completer

Provide in-depth training in a specific program of study:

- Prepares students for high wage, high skill, in demand careers
- Nationally recognized Industry certifications and/or
- College Credit



What is a CTE Completer?

Business Management

1. Intro to Business
2. Microsoft Certification
3. Accounting
4. Management & Entrepreneurship
(Start Up Frederick)

Industry Certification:

Microsoft Office Word, Excel

College Credits: 6 FCC

Academy of Health Prof.

1. Foundation of Medicine
2. Structure of the Human Body
3. Medical Assisting Clinical
Or
3. Nursing Assistant

Industry Certification:

CNA or GNA, First Aid

College Credits: 5 FCC



High School Completer Programs (13)

4 courses of progressively in depth material within the same content

Agriculture Education

Animal Science – Pre Vet
Agricultural Mechanics
Horticulture

Business Education

Business Administration
Business Management
Finance and Accounting

IT

Computer Science

Human Services

Child Development
Commercial Food (FHS)

Transition Education

Career Research and Development

Technology Education

Automotive Mechanics (BHS)
Project Lead the Way Engineering (LHS, WHS)
Woodworking



Career and Technology Center

Completer Programs (22 programs)

Construction Department

CAD- Architectural
CAD- Engineering
Carpentry
Construction Electricity
HVACR and Plumbing
Environmental Landscape and Design
Management
Masonry

Service

Academy of Health Professionals
Bio Medical
Cosmetology
Criminal Justice
Culinary Arts
Digital Design and Printing Methods
Teacher Academy of Maryland

Technology

Advanced Website Design & Animation
Ag Metals Technology
Automotive Technology
CISCO
Collision Repair
Computer Technician Analyst
TV/Multimedia Production



Key to a successful CTE program

- Extensive network of business partners
- Quality instructors
- Engaging curriculum and instruction



Partnerships

- ❖ Work closely with Workforce Development and our Chamber of Commerce. Utilize current and projected work force data.
- ❖ Business partners advise and support our programs, offer internship, work study and apprenticeship placements.
- ❖ Active and established Local Advisory Council (LAC) and 16 Program Advisory Committees (PAC) as well as three foundations.
- ❖ Partnerships with Higher Ed- Frederick Community College, Hood College. Create career pathways for students



Student Engagement through Innovative Practice

- Engage students through high quality student centered curriculum and relevant instructional practice that includes project based learning and technology integration.



- Systemic vision that supports innovative practice
 - ❖ 1:1
 - ❖ Blended Learning
 - ❖ LYNX
 - ❖ Flexible Classroom Environment
- Professional development that includes content specific training and pedagogy (teaching strategies).
- Strong co-curricular Career Tech Student Org. (FFA, FBLA, SkillsUSA).



Challenges

- Staffing shortages: Tech Ed and Computer Science positions
- Funding



Esther Shafer

FCPS Career and Technology Center Alumni

Academy of Health Professions

SkillsUSA

FFA

Internship at the National Cancer Institute