



Norfolk Public Schools Career and Technical Education High School

“Re-imagining Teaching and Learning for
College, Career, and Citizenship Readiness”

December 2018



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Worcester Technical High School

A Comprehensive CTE Approach

CTE High School Overview

- **Concept:** Full time, comprehensive CTE High School/Advanced Career Pathway Center that meets the city's current/future educational and economic (workforce) demands.
- **Curriculum:** Rigorous academics integrated with high demand, high quality CTE programs. Dual Enrollment and Advanced Placement. Industry Credentials/Licensure. Co-Curricular Activities, Athletics, and Work Based Learning.
- **Enrollment:** 1400 -1600 students, grades 9-12. Adult Education Services/Workforce Development (600 adults). Application based enrollment.

Developed By A Highly Collaborative Partnership

Norfolk Public
School System

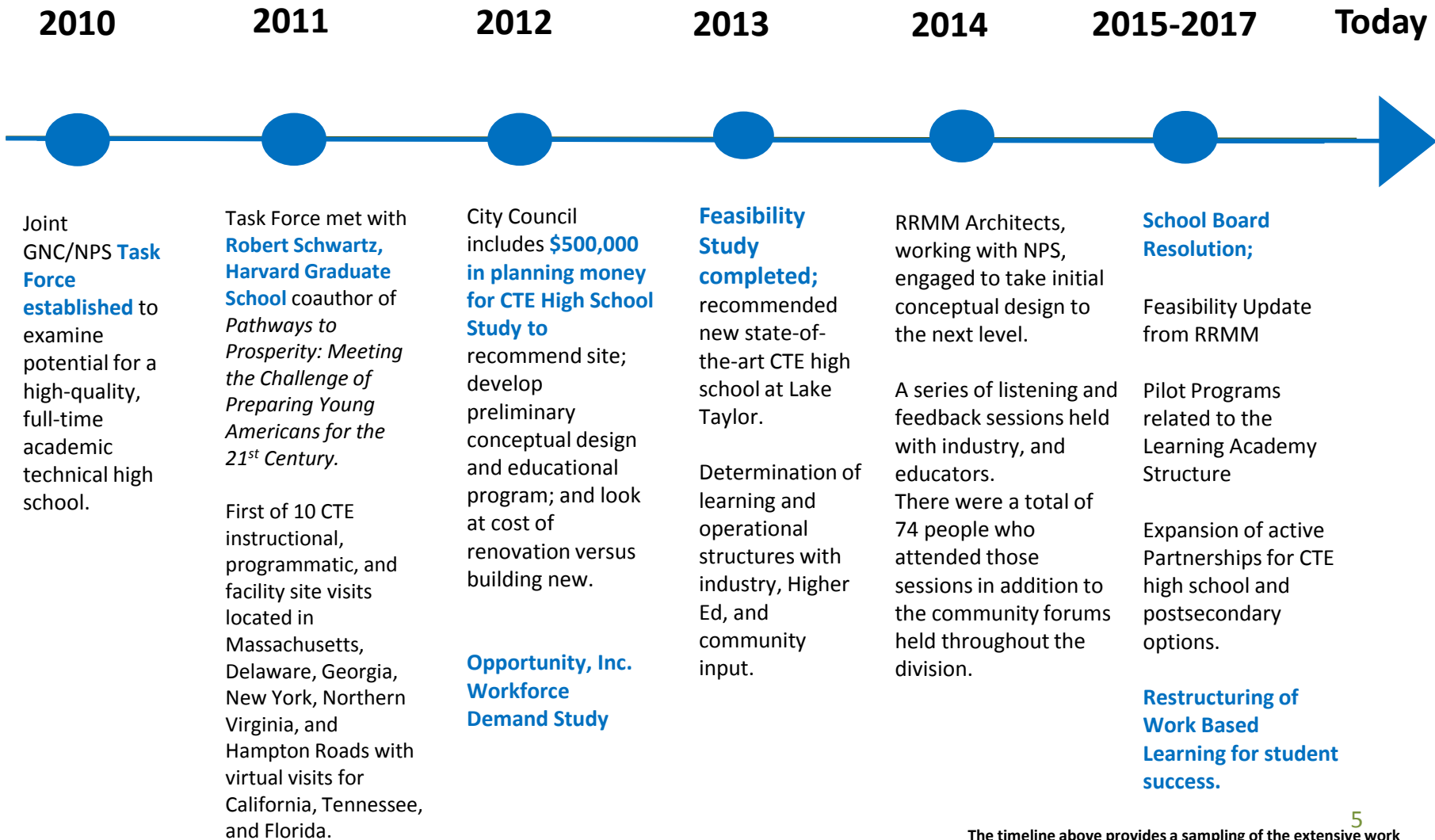
The City of
Norfolk



CTE
H.S.

Hampton
Roads
Employers and
Higher
Education

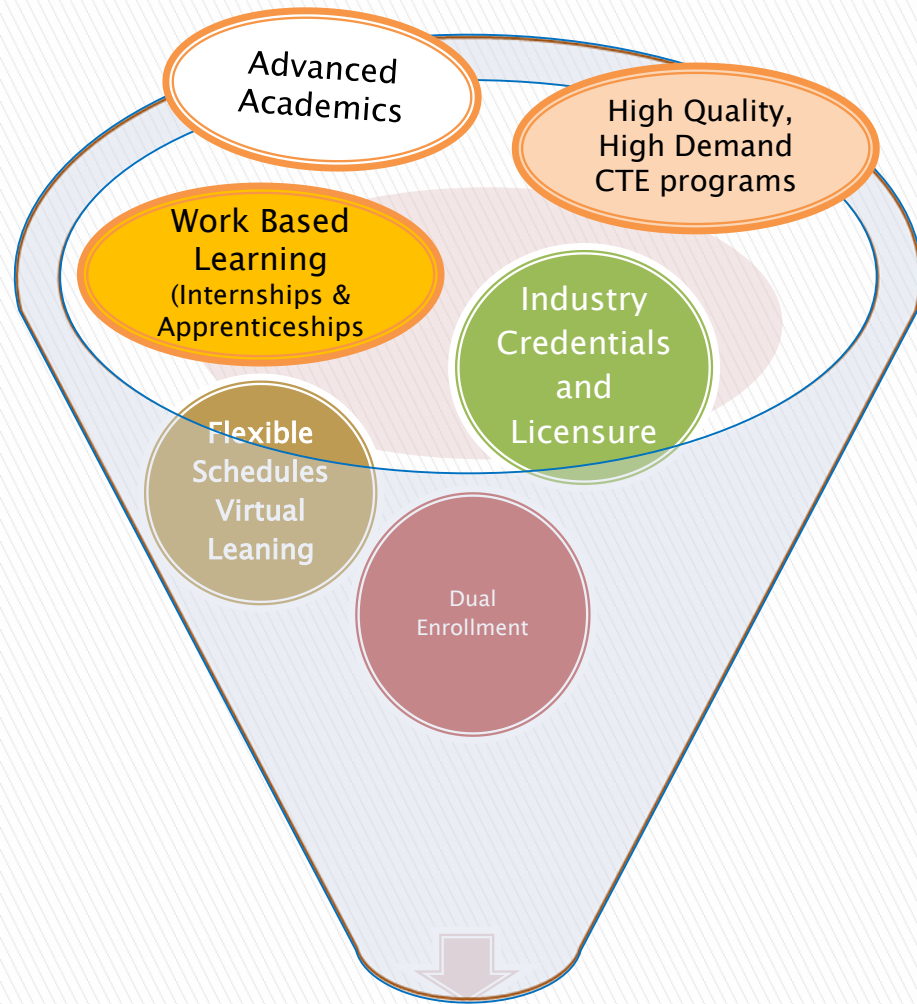
Historical Planning



Our Champion Partners extend across various planning phases and industries

- Newport News Shipbuilding
- The Apprentice School - Newport News Shipbuilding
- Virginia Ship Repair Association
- Opportunity Inc.
- American Maritime Holdings
- (Naval) Mid-Atlantic Regional Maintenance Center (MARMC)
- NSC Technologies
- BAE Systems
- Colonna's Shipyard
- Colonial Webb Contractors
- Bauer Compressor
- STIHL
- NASA Langley Research Center
- RRMM
- ADP
- PRA
- Maxx Potential
- Booze Allen Hamilton
- Towne Bank
- Norfolk Public Schools (K-12 Educators)
- GROW
- Dominion Enterprises
- Hatch
- United Networks
- Sentara Healthcare
- Bon Secours
- Willcox & Savage
- S.L. Nusbaum
- Norfolk Southern
- MacArthur Center
- Dollar Tree
- City of Norfolk Agencies
- Tidewater Community College
- Old Dominion University
- Norfolk State University
- Greater Norfolk Corporation
- Bay Port Credit Union
- National and State Restaurant Education Associations
- Military Partners

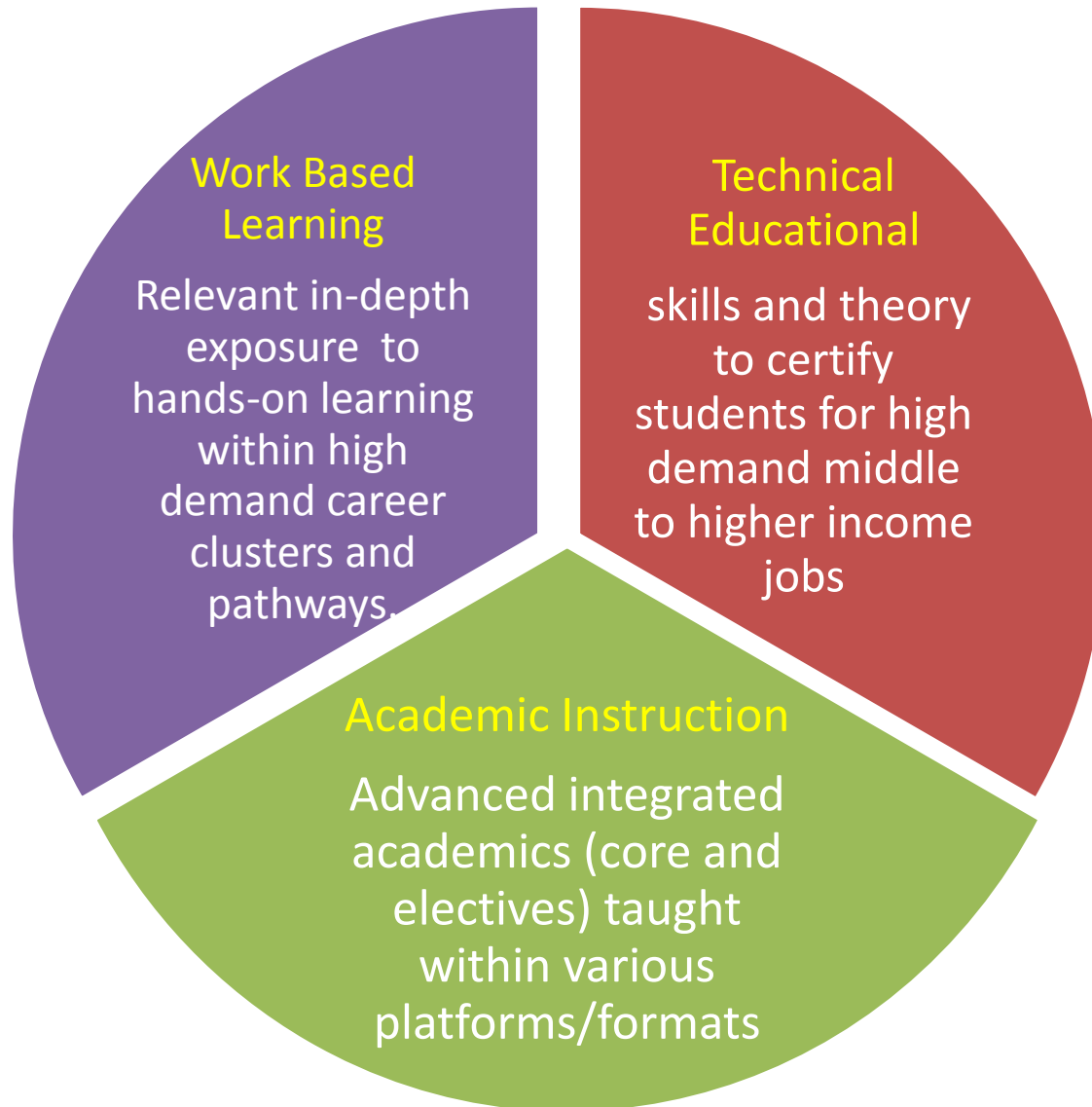
This list is a sampling of partners who have worked on different phases of this project. It is not intended to be an all inclusive list. There are many others who continue to champion this effort.



College, Career, and
Citizenship Readiness

CTE High School Programming Components

Integrated Curriculum for College, Career, and Citizenship Readiness



Learning Academy Structure

Freshman Academy

Regional
Maritimes
Trades Academy

Governor's
Health Sciences
Academy

Business and
Information
Technology

Governor's
STE(A)M
Academy

Governor's Health Sciences Academy

Business Partners

- Sentara Healthcare Systems

Higher Education Partners

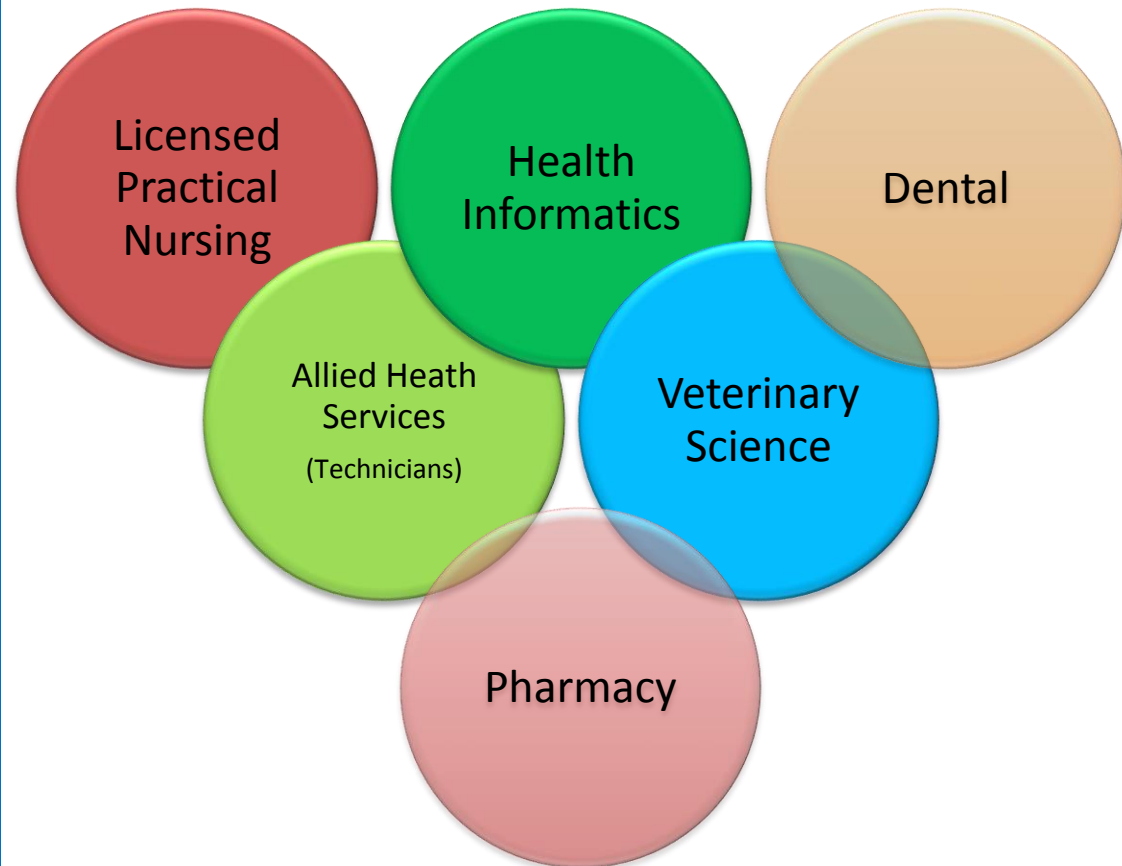
- Tidewater Community College
- Old Dominion University (Proposed)
- Hampton University

National Industry Certifications

- NCLEX-PN (Nursing), DANB (Dental), ExCPT (Pharmacy)
- Each program to be nationally and/or state accredited.

Work Based Learning

- Clinical Experiences



*Please note that this academy slide is not all inclusive. It contains summary/overview/example information only for presentation purposes.

Regional Maritime Trades Academy

Business Partners

- Virginia Ship Repair Association
- Virginia Dept. of Labor and Industry

Higher Education Partners

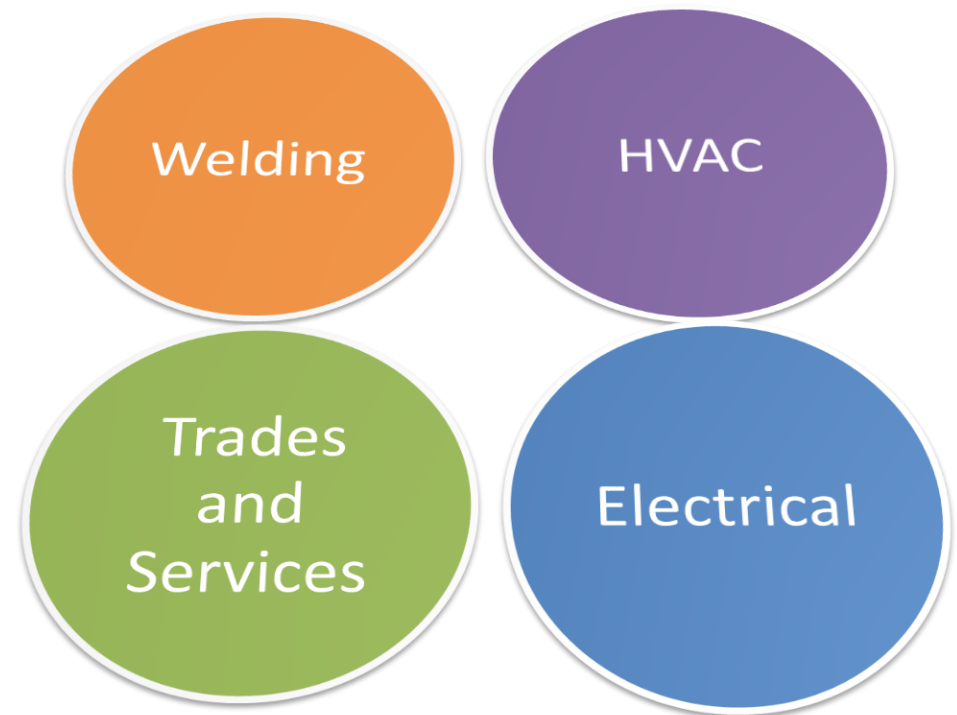
- Tidewater Community College
- Apprenticeship Programs

Industry Certifications

- NCCER, American Welding Society

Work Based Learning

- Internships, Youth Registered Apprenticeships



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Business and Information Technology Academy

Business Partners

- IT Academy Advisory consisting of 10-12 local, state, national businesses
- National Restaurant Association Educational Foundation

Higher Education Partners

- Tidewater Community College
- Norfolk State University
- Old Dominion University (Proposed)

Industry Certifications

- Microsoft, Prostart , Security+

Work Based Learning

- Internships, Apprenticeships



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Governor's STE(A)M Academy

Business Partners

- STE(A)M Academy Advisory consisting of 10-12 local, state, national businesses.

Higher Education Partners

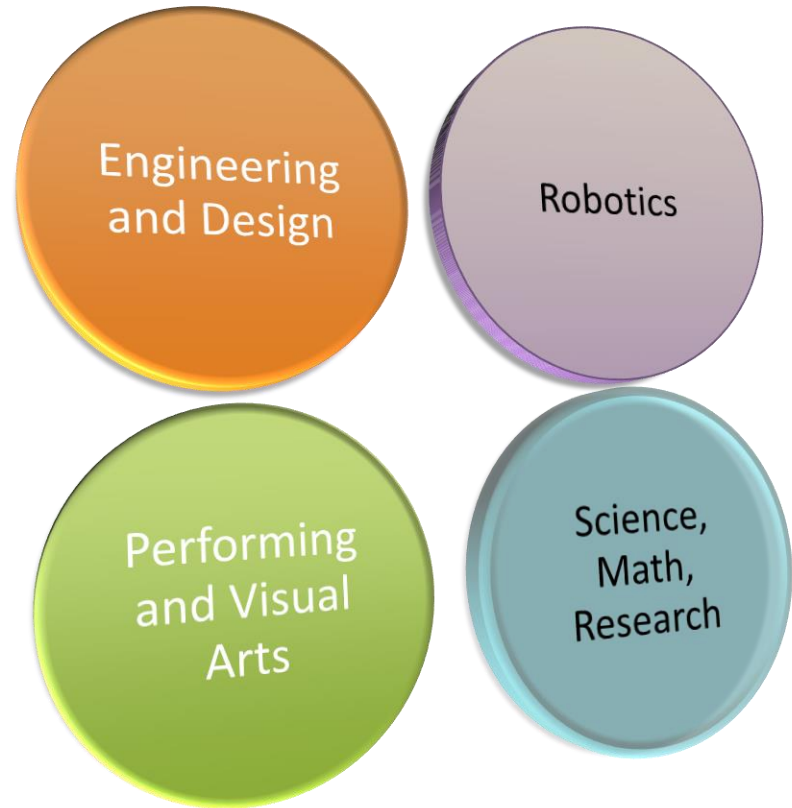
- Tidewater Community College
- Old Dominion University
- Norfolk State University

Industry Certifications

- AutoCAD, Autodesk, PLTW

Work Based Learning

- Job Shadowing, Internships



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Adult Education Learning Experience

Workforce Development

Adult
Registered
Apprenticeship

Advanced
Continuing
Education

Military
Transition

Adult Basic
Education

CTE Works...

For High School Students

- “CTE Students are more engaged, perform better, and graduate at higher rates.” The average graduation rate for CTE concentrators is 93%.

For Adults and Post-Secondary

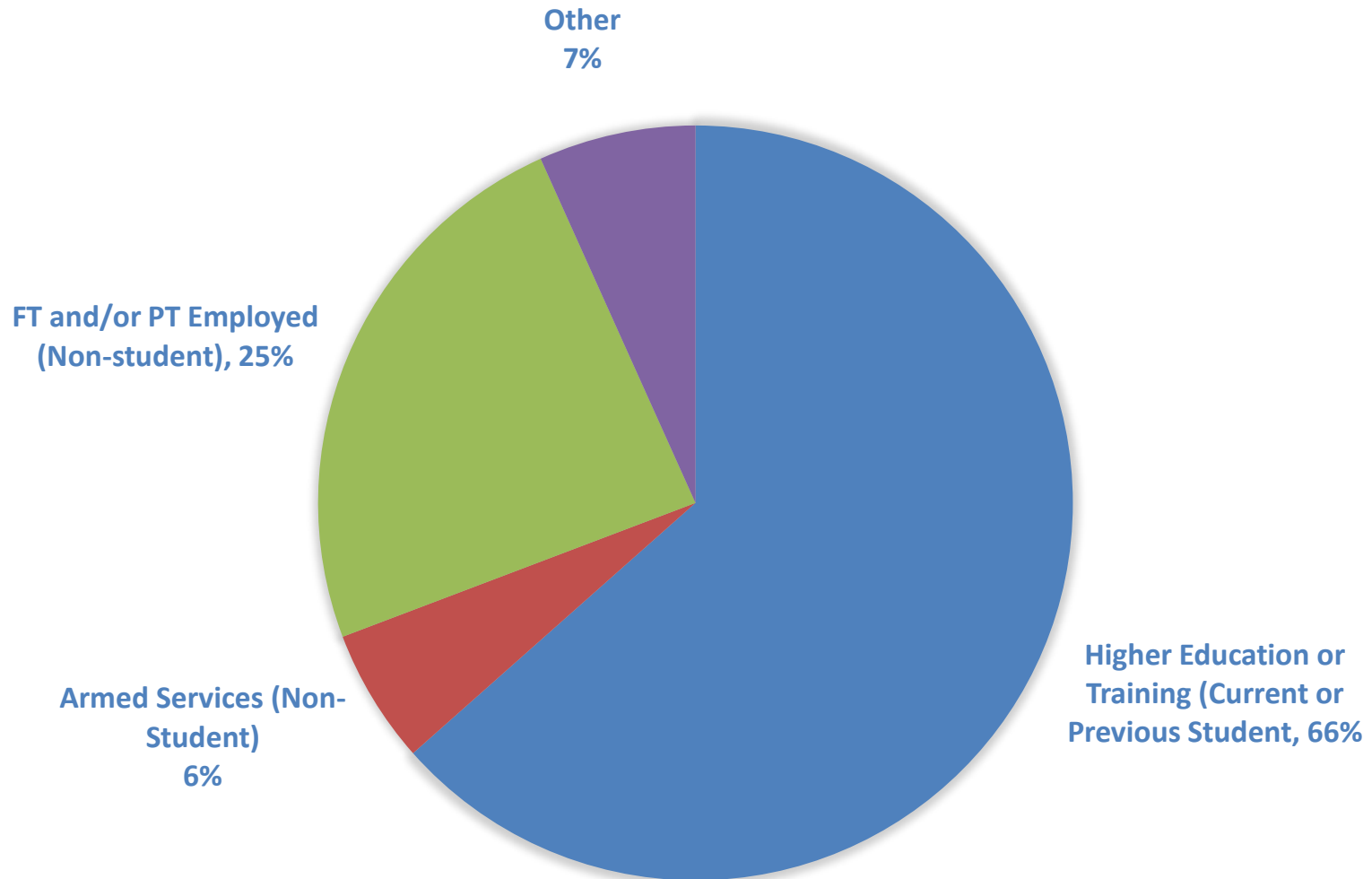
- “CTE fosters postsecondary completion and prepares students and adults for in-demand careers.”
- “27% of individuals with less than an associate’s degree (including licenses and certificates) earn more that the average bachelor’s degree recipient.”



CTE Completers

Post-Secondary Transitions

NPS Graduating Cohort 2017 (CTE Completers only)



CTE Works...

For The Economy

- “Investing in CTE yields big returns for state (and local) economies.”

For Business and Industry

- “CTE addresses the needs of high growth industries and helps to close skills gaps.” (Healthcare, STEM, and other industries)
- CTE creates a strong pipeline of talent to replace an aging workforce.





Questions, Answers, and Discussion