

Career & Technical Education (CTE)

- 16 current CTE programs

Animal Science	Cosmetology
Automotive Technology	Culinary
Automotive Collision	Electrical Technology
Biomedical Services (PLTW)	Firefighter/EMT
Business	Health Science
Building Technology	Marketing
Computer Programming	NJROTC/Naval Science
Computer Systems Networking	Pre-Engineering (PLTW)

- Future CTE programs (SY 18-19)

Sports Medicine	Welding
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Overview of CTE Programs now and future

CTE – cont'd

- CTE students serviced this year – Total 584
 - Dover High Students – 479 (89 of those in multiple programs)
 - Sending Schools - 105
 - Rochester, Somersworth, Oyster River, Nute, Marshwood, and York
- Enrollments SY 15-16 – Total 528 (455 Dover/73 Sending)
- Completers SY 15-16 - 106 (Seniors completing a program)
- 24+ Industry Level Certifications Student can earn
- 11 NH State Board Licensing Opportunities
 - 4 - Licensed Cosmetologists
 - 8 - Firefighter I Certified
 - 3 - EMT Certified
 - 23 - LNA/Nursing Assistance Licensed
 - 7 - Electrical Apprentice licensed

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Industry Certifications:

- Pet Tech Animal CPR and 1st Aid Certification
- K-9 Good Citizen Certification (American Kennel Club)
- National Safety and Safe Tractor Operation Certification through Penn State University
- National Automotive Technicians Education Foundation (NATEF) Certification
- Automotive Service Excellence (ASE) Certification
- S/P2 on-line safety for Automotive Technology, Automotive Collision, Cosmetology, Culinary, Building, and Electrical
- OSHA-10 Certification for Building and Electrical
- CPR & First Aid Certifications
- MOS (Microsoft Office Specialist) Certification for MS Word, MS PowerPoint, MS Excel
- A+ Certification, NET+ Certification, CISCO IT Fundamentals, MCP, and IC3 Internet Computing Core Certification
- ServeSafe Certification, National Restaurant Association Education Foundation.
- 500-hours work experience toward Journeyman's license (Students bypass year 1 of the NH State Electrical Apprenticeship Night School program offered at Dover CTC)
- Electrical Solar Certification
- Variable Frequency Certification
- Naval Science (Cadets who complete 2 years of NJROTC may enter the Army or Navy as an E-2; those who complete 3 years of NJROTC may enter Army or Navy as an E-3)

NH State Licensing:

- NH Licensed Cosmetology (1500 hour program)
- ProBoard Accredited Firefighter I (29 States)
- Professional Rescuer CPR and AED
- NH Wildland Firefighter I
- National Wildfire Coordinating Group: S-103330; S-190; I-100; L-108810
- Hazardous Materials Awareness/Operations
- Standard First Aid and the National Registry of EMT's-EMT Basic Certification
- NH Board of Nursing, Nursing Assistant License
- American Heart Association Health Care Provider & Automatic External Defibrillator (AED) certification
- Advanced Skills for Health Care providers & Restorative Certificate
- Emergency Medical Technician Basic (EMT)

CTE – cont'd

- Post-Secondary credit hours

	SY 14-15	SY 15-16	SY 16-17
Enrolled	89	101	86 (Fall)
Concurrent Enrollment Classes	14 (11 CTC)	15 (11 CTC)	17 (13 CTC)
Articulation Agreements	8	9	15

- Extended Learning Opportunities – Internships, Job Shadows, Co-Op

	SY 14-15	SY 15-16	SY 16-17
# of Students	40	53	24 (Fall)

- CTE Liaison

- 126 Business Active Partnerships
- 19 Established Internships/Clinical sites
- Active on Dover Chamber Education Committee, SEED, etc.

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Post Secondary credits:

- Concurrent enrollments means the student is enrolled in a CTC or HS class that will gain them college credits
- Articulation means the courses students take with us fulfill the requirement for entry-level college courses at various colleges and universities

CTE – cont'd

- Tri-City (Dover, Rochester, and Somersworth)
 - Share students and CTE Programs
- New Online Enrollment process started SY 15-16
 - Utilized by Tri-City and sending schools
 - Adopted Tri-City Program Application Rubric
 - 4 Portals (Student, Home School Counselor, Teacher, Career Technical Center)
- Applicants for SY 16-17 – Total 1,216
 - 669 of these students had Dover as 1st choice
 - 466 Dover students officially applied
 - 14 out of 16 programs had full enrollment (5 programs with waitlist)
- Applicants in SY 15-16 as of June – Total 1,084

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EnrollTrack (online application system)

- All students enroll using online application system through link on our CTC webpage
- Tri-City Directors developed a Tri-City Program Application Rubric which looks at 4 areas (attendance, transcript, behavior, and a student interview is conducted)

CTE – cont'd

- Perkins IV Grant Funding
 - DOE/CTE oversight of all CTE Programs (Regulatory Requirements)
 - Program Advisories for all Programs
 - Must meet minimally twice a year
 - Ensuring we maintain currency in curriculum for industry standards
 - Funding is for “Program Improvement”
 - Based on 8 Performance Indicators (PI)
 - Target Improvement Plan for not meeting local goal of PI
 - 9 Required Use of Funds Categories
 - All of CTE Staff Professional Development is funded in the Perkins Grant
 - Required industry licensing and certifications
 - PD to remain proficient with industry skills

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Performance Indicators

- 1S1 Academic Attainment – Reading/Language Arts
- 1S2 Academic Attainment – Math
- 2S1 Technical Skill Attainment
- 2S2 High School Completion
- 4S1 Graduation Rate
- 5S1 Placement
- 6S1 Nontraditional Participation
- 6S2 Nontraditional Completion

Perkins Funding

- Can only be used for Program Improvement with each of these categories being addressed in the Grant
 - Target Improvement Plan (must be addressed first if any Performance Indicator falls below 90% of the targeted agreed upon goal for that area)
 - Academics & CTE
 - Secondary/Postsecondary Links
 - All Aspects of Industry
 - Expanded Use of Technology
 - Professional Development
 - Program Evaluation
 - Initiate, Improve, Expand CTE Programs
 - Size, Scope, & Quality

- High Skill, High Wage, High Demand for Special Populations
- Administrative Costs (can't exceed 5% of the grant and includes PD/travel for CTE Director)

CTE – cont'd

- CTC receives all services through DHS
 - Tax cap budget would have a negative impact to CTC students as services will be degraded (% of SPED, high risk areas for nursing services, etc)

	FY 18
Local	\$360,540
Perkins	\$133,287