



CENTER FOR
TECHNOLOGY, ESSEX

CTE aspires to



2018-2019 Enrollment

403 Students

365.56 Full Time Equivalents (FTE)

Students on Individual Education Plans (IEP) = 29%

Students with 504 plans = 10%

Students with an Educational Support Team (EST)
plans = 8%

English Language Learners (ELL) = 11%

Students qualifying for Free & Reduced Lunch (F&RL)
= 40% (does not include EHS students)

BFA-Fairfax	38
Burlington	27
Colchester	27
CVU	43
Essex	108
Milton	30
MMU	43
South Burlington	24
Winooski	28
Adults with Diploma	12

CTE Program Offerings

9th and 10th Grade

Introduction to Engineering (12)

Introduction to Automotive (14)

Pre Technical: Information Tech, Design, Engineering, and Art
(9)

Pre Technical: Building and Automotive (16)

Pre Technical: Health and Human Services (12)

Pre Technical: Natural Resources (10)

11th and 12th Grade

Automotive Technology (24)

Building Technology (38)

Childhood Education and Human Services (23)

Computer Animation and Web Design (44)

Computer Systems Technology (21)

Cosmetology (28)

Dental Assisting (23)

Design and Creative Media (25)

Engineering and Architectural Design (22)

Health Informatics (15)

Natural Resources (26)

Professional Foods (40)

(# of students in the program)



CTE Academic Classes

English 11

English 12

ELL - English for Academics and Professional Purposes

Pre Technical Math

Algebra 1

Intro to Algebra 2

Algebra 2

Geometry

Applied Science

Anatomy and Physiology

Computer Science

Physics

Fine Arts

Public Issues

U.S. History

Driver Education

CTE College Connections

VTC Intro to College English ENG1042

VTC English Comp ENG1061

VTC Pre Calculus 1 MAT1311

VTC Pre Calculus 2 MAT1312

CCV Intro to Early Childhood Education EDU1030

CCV Fostering Creative Learning EDU1250

CCV Infant and Toddler Development PSY2020

CCV Website Development CIS1350

CCV Digital Image Manipulation CIS2410

VTC Intro to Psychology PSY1010

CCV Bioethics HUM2020

CCV Medical Terminology AHS1205

VTC Human Growth and Development PSY1050

CCV Desktop Operating Systems CIS1350

CCV Concepts of PC Hardware CIS2110

CCV Cisco Networking 1 CIS1311

VTC Architectural & Building Engineering ARE1011

VTC Design Communications MEC1011

CCV Graphic Design 1 ART1111

CCV Intro to Adobe Creative Cloud ART1210

CCV Graphic Design 2 ART1112

CCV Digital Photography ART1310

NECI French Cuisine

NECI Food Science



CTE Career Readiness

Industry Recognized Credentials

All of our 11th and 12th grade programs have Industry Recognized Credentials. We offer 33 different credentials. Last year 81.5% of our eligible students earned at least one IRC

Workplace Experience

Our co-op teachers coordinated career work experience placements for 82% of our eligible students. We work with more than 400 area employers.



'Capitol for a Day' brings Montpelier to CTE

Posted by Madeline Clark | Oct 3, 2018 | NEWS | 0 | ★★★★★



Travers tells members of Gov. Phil Scott's cabinet about the dental assisting program offered at CTE during the "Capitol for a Day" tour. (Madeline Clark | Essex Reporter)





Literacy Priority Building - Partnership for Literacy and Learning

- Adopt/adapt a set of proficiency-based graduation requirements (PBGRs) to support the programs and academics in the CTE system
- Develop common assessments, linked to proficiencies, for reading, writing, speaking, listening, and critical thinking across all programs
- Create strong collaborative planning opportunities across and among all programs and staff
- Professional development in disciplinary literacy and integrated teaching and learning practices for whole staff and individuals as needed

First Draft:



\$17,000

Projected tuition for Center for Technology, Essex for FY20,
a 0.89% increase over FY19.

Tuition costs x sending districts' six semester average of students attending the Center for
Technology
is the tax impact to our communities.

ADULT TRAINING AT CTE



Our mission is to consistently provide job enhancing training that improves career opportunities, increases wages, and creates pathways to more learning.

- Our facility is an excellent resource for businesses, students, and individuals seeking high quality, affordable adult technical education. Courses/workshops are taught in the evenings, weekends and summers.
 - Custom classes can be created for businesses or schools. Contact us to discuss.
 - Training classes and programs include everything from health care, such as a Dental Assisting certification to HVAC/R to Information Technology.
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Adult Training

➤ [About Us](#)

➤ [Courses](#)

➤ [Financial Assistance](#)

➤ [Registration Details](#)

February 2019

- [HVACR Electricity and Motor Control](#) (Starts February 12 Fully Enrolled)

March 2019

- [Natural Gas Recertification](#) (March 30)
- [Basic Welding](#) (March 11)
- [Radiology for Dental Assistants](#) (March 23)
- [Licensed Nursing Assistant \(LNA\)](#) (Begins March 13)
- [HVACR Electricity and Motor Control](#) (Begins March 25)
- [TrailBlazers:Women in Construction Trades](#) (Begins March25)

April 2019

- [Fundamentals of Natural Gas Certification](#) (Starts April 8)
- [Phlebotomy Technician Training](#) (Starts April 6)
- [Type S Electrical Preparation](#) (Starts April 9)
- [HVACR Heating Systems](#) (3 seats only)

May 2019

- [Fundamentals of Natural Gas](#) (TBD)

August 2019

- [LNA: Licensed Nursing Assistant Program](#) (TBD)

September 2019

- [HVACR Technician Training Program](#) (12 seats only, Begins Sept. 3)
- [Fundamentals of Natural Gas](#) (Fully enrolled and begins September 23)

Workforce Development and Training 2017-2018

245 enrollments across 10 different evening and weekend courses. Most courses run one or two evenings per week for a total of 30-40 hours of training. All of our courses lead to professional certification.

Radiology and Dental Assistance
Expanded Function Dental Assisting
Tooth Morphology
Phlebotomy Technician Training
Type S Electrical Exam Certification Prep
Fundamentals of Natural Gas Certification
Refrigerant handling Certification (Act 608EPA)
Basic and Intermediate Welding

Recommendations

Address the gap between graduating high school students and workforce
Fifth Year Funding

Increase funding for daytime adults

Establish an FTE fund at DOL giving more access to adults

Increase the access and address the stigma for high school students - make them see the honor in work

Career and technical education should be available 9-13 in a comprehensive high school model that allows tuitioning students



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February 2019

- [HVAC Electricity and Motor Control](#) (runs February 12-July 2019)

March 2019

- [Natural Gas Identification](#) (March 20)
- [Basic Welding](#) (March 11)
- [Building for Social Assistants](#) (Mar 28)
- [Licensed Nursing Assistant \(LNA\)](#) (open to all)
- [HVAC Electricity and Motor Control](#) (open to all)
- [Trailblazers/Women in Construction Trades](#) (open to all)

April 2019

- [Fundamentals of Natural Gas Certification](#) (Starts April 8)
- [Philosophy Technician Training](#) (open to all)
- [Type 5 Electrical Preparation](#) (open to all)
- [HVAC Heating Systems](#) (2 weeks long)

May 2019

- [Fundamentals of Natural Gas I 1909](#)

August 2019

- [LNA Licensed Nursing Assistant Program](#) (2019)

September 2019

- [HVAC Technician Training Program](#) (12 weeks only, begins Sept. 16)
- [Fundamentals of Natural Gas](#) (only enrollment begins September 24)

