



Career and Technical Education is a focused, powerful educational experience that prepares students for both industry and higher education. To be successful in CTE, students must commit to the pursuit of an academic diploma and RIDE- mandated industry credentials. Students will work harder than many of their peers, but be positioned for high-wage, high growth careers.

Career & Technical Education in the Providence Public Schools



Application Timeline

November 6 - CTE Recruiting Fair @ PCTA 9-12

November - December

On site assemblies and presentations at all Providence middle schools

December 1

Family Information Session - PCTA 6 pm

December 20

Application deadline

Applications received after this date will be reviewed on March 1 for wait list spots

January 12

In person interviews for students at their first choice program

How to get more information about CTE

- Attend the district-wide CTE Fair November 6 at PCTA
- Attend the Family Information Night Dec. 1, 6 pm at 7 pm
- Visit www.providencepublicschools/octe

Application Requirements

- Complete online application (available at www.providenceschools.org/octe) before December 20, 2021
- Rank top 3 CTE programs
- Complete two short essays
- Online recommendation from school counselor
- Complete two Career Interest surveys in Naviance

Application Component

SY 21-22

- 1-Student essays 20 points
- 2-Guidance counselor recommendation 20 points
- 3-Student interview 30 points
- 4-7th Grade Final Grades 10 points
- 5-7th Grade Attendance 10 points
- 6-Assessment of career interest alignment (Naviance career interest surveys) 10 points

Student applications are scored by the CTE team as well as program teachers and administrators. Points are awarded to each student as follows, with a maximum of 100 points.

It is important to note that the CTE Office will not share score information for individual parts of the application with students and families.

Programs and Pathways

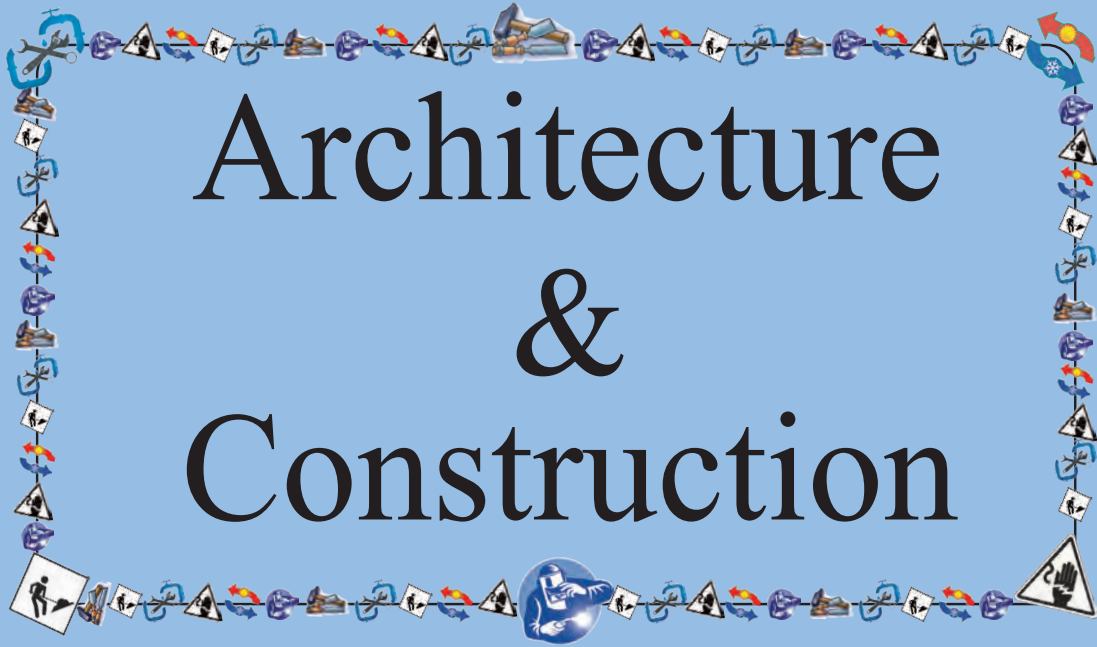
A **CTE program** is an extensive time commitment. Students in a CTE program take one course in the program in their freshmen and sophomore years. In the junior and senior years, students in a CTE program have alternative weeks- one full week of aca-demic followed by a week in their CTE program. Over the course of four years, stu-dents will spend 33% of their total instructional time during their high school career in their chosen CTE program. CTE programs are only offered at PCTA.

A **CTE pathway** is also a significant time commitment. Students in a CTE pathway take one course in the program in their freshmen and sophomore years. In the junior and senior years, students in a CTE pathway take two CTE pathway courses per day. Over the course of four years, students will spend 25% of their total instructional time during their high school career in their chosen CTE pathway.

Whether a student enrolls in a CTE program or pathway, they are making a significant commitment in terms of instructional time, effort and initiative. When the CTE Office reviews student essays and guidance counselor recommendations, the most important qualities that are considered are as follows:

Intentionality- does the student have an interest in the chosen program and intend to pursue a career in this industry?

Drive & Determination- does the student have the desire to invest the time and effort needed to succeed in a rigorous program or pathway while balancing a full academic course load?



Architecture & Construction

Program:	School:
Electrical	PCTA
HVAC/Plumbing	PCTA
Carpentry	PCTA
Maritime Welding	PCTA
General Construction	PCTA

ELECTRICAL TECHNOLOGY

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

This program is designed to prepare diverse students for a career in Electrical Technology.

Students take courses and participate in field work outside of the classroom, such as the construction of the field house for Central High School, the House Build, and school projects. Students will have an opportunity to explore the content and the practice of Electrical Technology.



DID YOU KNOW?

Electricians install, connect, test, and maintain electrical systems for a variety of purposes including climate control, security, and communications. Although most electricians specialize in construction or maintenance, a growing number do both.

Electricians work with blueprints to install electrical systems in factories, office buildings, homes, and other structures. Blueprints indicate the locations of circuits, outlets, load centers, panel boards, and other equipment.

OUTCOMES

- HBI Certification
- CPR, First Aid & AED Certification
- MC3 Certification
- OSHA 10
- 80 Hours Work Based Learning Hours

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



IBEW 5 Year Program
Building Futures

Two Year Program



New England Tech Associates
CCRI National Grid

CCRI/RIBTA Electrician Apprenticeship

Four Year Program



Bachelors in Electrical Engineering

HVAC/Plumbing

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

Students who complete the HVAC-R program gain skills in heating, cooling, ventilation, refrigeration, plumbing, and customer service. Students also learn essential technologies for a variety of environments - clean room environments, computer rooms, and commercial high-rise buildings. HVAC-R has a required six week summer program



DID YOU KNOW?

Employment of heating, air conditioning, plumbing, and refrigeration mechanics and installers will grow 14% from 2014 to 2024. Candidates familiar with computers and electronics and those with good troubleshooting skills will have the best job opportunities. Employers seek qualified technicians to install, maintain, and repair complex systems.

OUTCOMES

- Home Builders Institution (HBI) Certification
- VIEGA Certification
- EPA 608 & 609 Certifications
- 80 Work Based Learning hours
- OSHA 10
- First Aid

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



HVACR/ Plumbing Apprentice
HVACR/Plumbing Supply House
Pipefitter Apprentice
Entry Level Construction Position

Two Year Program



HVACR/ Plumbing Mechanic and installer
HVACR/Plumbing Sales/ Design
HVACR/Plumbing Commissioning Agent
HVACR/Plumbing Marketing
Pipefitter/Steamfitter
Master HVAC-R Technician or Plumber

Four Year Program



Oil Technician
Mechanical Engineer

CARPENTRY & HOME BUILDING

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM DESCRIPTION

This program is designed to attract diverse students to the home construction profession. Students participate in fieldwork outside of the classroom, such as construction of the field house for Central High School and PCTA, model homes for RI Home Show and additional projects. Carpentry has a required six week summer program.



DID YOU KNOW?

Students develop technical knowledge and practical experience essential to secure employment in the manufacturing industry. construction after graduation and / or transition to a Post-Secondary Institution to promote your education in the construction trades.

OUTCOMES

- Home Builders Institute (HBI) Certification
- 80 Work Based Learning Hours
- Ramset Certification
- CPR, First Aid & AED Certification
- OSHA 10 Certification
- Shop Safety Certification

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct to Work



**Carpenter Helper
Construction Helper**

Two Year Program



**Union or Building
Futures Apprentice**

Four year Program



**Bachelors in
Construction Management**

MARITIME WELDING/ PIPE FITTING

PROVIDENCE CAREER AND TECHNICAL ACADEMY

PROGRAM OVERVIEW

Welders are in high demand and the Maritime Welding program provides students with the opportunity to gain the knowledge, welding skills and employability skills they need to begin a career as a welder. Students can earn up to four American Welding Society's (AWS) SENSE Level 1 certificates, as well as the 10 hour safety certification from the Occupational Safety and Health Administration (OSHA-10). Students will also be given the opportunity to participate in paid internships.



DID YOU KNOW?

By 2023, our nation's workforce will need over 375,000 welders to satisfy the demands of several industries and in the Rhode Island area. Starting salaries after high school begin around \$40,000 per year. Welding is a skill based career that does not require a college degree.

OUTCOMES

- AWS SENSE Welding Level 1 Certificate
- AWS SENSE Certified Shielded Metal Arc Welding (SMAW)
- AWS SENSE Certified Gas Metal Arc Welding (GMAW)
- AWS SENSE Certified Flux Cored Metal Arc Welding (FCAW)
- AWS SENSE Certified Gas Tungsten Arc Welding (GTAW)
- First Aid
- OSHA 10
- Electric Boat Internship

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Entry level or Journeyman
Apprenticeship at Electric
Boat

Welding inspector, welding instructor,
foreman, supervisor, self-employment

Two Year Program



Foreman or supervisor
Project manager, business
manager, CEO/Company owner

Four Year Program



Engineering, research and
development

General Construction

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

The NE Laborers Training Facilities in Hopkinton, MA and Pomfret, CT partnered with PCTA in designing and building indoor and outdoor labs to provide students the opportunity to practice construction techniques needed upon completion of the program.

Students who complete the General Construction program at PCTA are eligible to use 1,000 hours towards completion of their apprenticeship. General Construction has a required six week summer program.



DID YOU KNOW?

Every year PCTA students are accepted into the LiUNA apprenticeship program giving them the opportunity to work in a construction job within weeks after graduation. Entry-level wage for a Construction Craft Laborer is \$46,300./\$22.26 per hour.

OUTCOMES

- OSHA 30 Certification
- Employability skill mastery certificate
- CPR/First Aid
- 80 Work Based Learning hours
- New England Laborers apprenticeship program

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Apprenticeship



GenCon craft laborer: concrete, masonry, asphalt, scaffolding.

Two Year Program



Labor force supervisor



Training instructor

Four Year Program



Project manager



Site supervisor



General manager



Program	School
Graphic Communications	PCTA
Visual Arts	Hope
Music	Hope
Music	Mt. Pleasant
Digital Media	Hope

GRAPHICS

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

In the Graphics program, students gain relevant work experience in an ever expanding field. There is an amazing opportunity for students to acquire academic, technical and workplace skills. The Adobe Creative Suite is critical to the design process. Students also learn audio and video production skills. Embroidery, vinyl cutting, and digital printing round out the program. Students can earn up to 5 credits towards the NEIT Digital Media Production Associates Degree Program.



DID YOU KNOW?

The Graphics program at PCTA is a school-based enterprise. The program has added digital printing, embroidery, and vinyl cutting. These machines allow us to create custom, hats, hoodies, and T-shirts. In addition the students design brochures and flyers for local businesses and schools. Students also have access to a state of the art digital media studio where they can produce podcasts and learn video production.

OUTCOMES

- ADOBE Certification
- Print (ED)
- Skills USA

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Web Designer
Illustrator
Package Designer
Video Editor
Camera Operator

Two Year Program



Graphics Designer
Entrepreneur
Digital Media
Specialist

Four Year Program



Creative/Art Director
Career and Technical
Education Teacher

Visual Arts

HOPE HIGH SCHOOL



The Visual Arts program at Hope High School provides students the opportunity to prepare for a career in the Arts by developing and cultivating a comprehensive portfolio of work. Students have the opportunity for certification in Adobe Illustrator, Adobe Photoshop, NOCTI and NEIT and can take Advanced Placement 2-D Design and Advanced Placement Drawing. The Visual Arts Program offers drawing, painting, and digital media arts. The Mac lab has full color printers, a green screen and the Adobe Suite to create professional level graphics. Students use watercolor, acrylic painting, oil pastels, colored pencils, oil pastel, charcoal, and copic markers.



DID YOU KNOW?

Artists are a vital part of the American workforce- more than two million Americans describe their primary occupation as artists. Artistic vision and design skills are needed in areas such as architecture, fashion, media, film and theatre. Artists can work as muralists, graphic designers, animators, filmmakers, architects, set designers, fashion designers, product designers, and web designers.

OUTCOMES

- Art & Design Portfolio
- NOCTI
- AP 2-D Design
- AP Drawing

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



**Fine Artist Designer
Designer/Graphic Designer/
Web Designer
Art Gallery Docent
Artist Assistant**

Two Year Program



**Associates degree in Fine Arts
Printmaking
Graphic Design and Web
Design**

Four Year Program



**Bachelors in Fine Arts, Graphic
Design, Architecture and Media
Arts
Art Educator
Art Therapist**

MUSIC

HOPE HIGH SCHOOL



PROGRAM OVERVIEW

The Hope High School Music CTE program is designed for students interested in having a music focus during their high school career. All students are welcome and do not need to have past instrument or music experience. The Music CTE focuses on Music Instrument Performance, Music Theory, Music Technology and Music In History and Culture. Students will have opportunities to earn college credits in Music Technology and Music



DID YOU KNOW?

High schoolers who take music courses score significantly better on exams in certain other subjects, including math and science, than their nonmusical peers, according to a study published by the American Psychological Association. Over 90% of CTE music students who complete the program are accepted to and attend college. Students learn a variety of skills that prepare them for secondary education.

OUTCOMES

- College credit at Rhode Island College Music Department
- Music Tech 1,2,3
- Music Theory 1,2,3
- Tech/ Comp projects 1,2,3
- Core Instrument Performance
- Senior Tech Comp project

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Private Instrument Instructor
Sound Technician
Recording Studio Engineer

Two Year Program



Associates Degree In Music
Associates- Digital Media
Production (T.V. Radio, Production)

Four Year Program



Bachelors Of Music- Education
Bachelors Of Music- Performance
Bachelors - Digital Media
Production (T.V, Radio,
Production)

Music

MOUNT PLEASANT HIGH SCHOOL



PROGRAM OVERVIEW

The Hope High School Music CTE is designed for students interested in having a music focus during their high school career. All students are welcome and do not need to have past instrument or music experience. The Music CTE focuses on Instrument Performance, Music Technology and Music Theory. The Music CTE pathway also prepares students for optional post secondary studies in Music Production/ Engineering and Music Performance/ Education.



Tri-M[®] Music
HONOR SOCIETY



DID YOU KNOW?

The Hope High School Music CTE specializes in Jazz, Funk, Rock, RnB and other modern music genres which includes instruction using modern and traditional instruments. Conservatory style music preparation for post secondary auditions is also offered.

CTE music students also receive instruction in digital music production and engineering which prepares them for optional post secondary opportunities. Over 90% of CTE music students who complete the program are accepted to and attend college.

OUTCOMES

- College credit at Rhode Island College
- Statewide group festival competitions
- Statewide Solo and Ensemble competitions (junior and senior year)

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Musician

Two Year Program



Associates degree in Music or
Fine Arts

Four Year Program



Bachelor's degree in
Music or Fine Arts



Music Educator

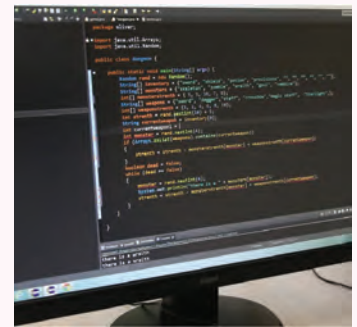
Digital Media Production

HOPE HIGH SCHOOL



PROGRAM OVERVIEW

The Digital Media Production program is an activity-based program that teaches design principles, image editing and illustration techniques to produce design projects for web, print, and video delivery. This program delivers advanced coursework in the highly technical and demanding computer science/communications field. This trade requires in-depth knowledge of Adobe Creative Cloud graphic/video production as well as computer programming skills.



DID YOU KNOW?

Employment in computer and information technology occupations will grow 11% from 2019 to 2029, much faster than the average for all occupations. The average wage for computer and information technology occupations was \$88,240 in May 2019.

OUTCOMES

- Adobe Certification
- NOCTI A/V Communications Certification
- Opportunities for college credit
- Industry internship opportunities

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



A/V editor,
videographer/photographer, social
media manager, website designer

Two Year Program



Associates in Video Radio
Production

Four Year Program



Bachelors in
Graphic Arts, Digital
Media, or Graphic Design

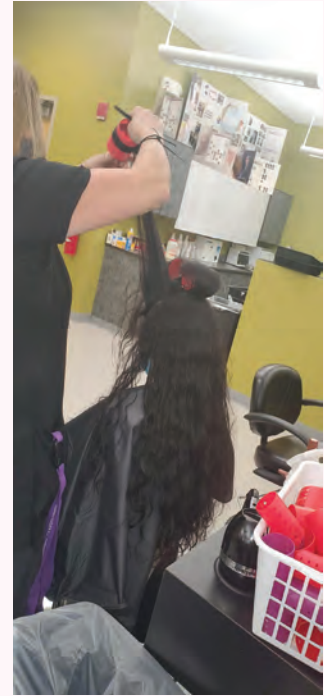
Business & Cosmetology

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

The Business/Cosmetology Program combines the elements of art, science, and creativity with entrepreneurship and business management. Students learn in a full-service, clinical salon environment that provides real-world experiences. Students develop business knowledge as well as management and leadership skills. Students will become successful and financially educated salon and spa professionals.



DID YOU KNOW?

In 1906, Madam C.J. Walker was the first woman of color to become an entrepreneur and a cosmetologist. She was a courageous entrepreneur with positive beliefs and confidence. Many women have overcome criticism and doubt, breaking barriers to prove themselves.

Consider the Business/Cosmetology Program to be the first entrepreneur in your family!

OUTCOMES

- ASK Business Certification
- QuickBooks Certification
- EverFi Financial Literacy Certificate
- RI Cosmetology License
- Keratin Complex Certification
- SP2 Certification
- Barbicide Certification

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work:



**Salon Owner/Manager
Hairstylist, Special effects artist
Fashion Show Stylist**

Two Year Program



**Associates in Business Management
Cosmetology Instructor**

Four Year Program



**Bachelors in
Business Management,
Accounting, or Finance**



Education, Training, & Human Services

Program	School
Teacher Academy	W.B. Cooley @JSEC
Teacher Academy	Mt. Pleasant
Teacher Academy	Alvarez



TEACHER ACADEMY

JUANITA SANCHEZ HIGH SCHOOL



PROGRAM OVERVIEW

The Education and Human Services program at Juanita Sanchez is a unique program in partnership with CCRI. Students can earn up to 15 college credits from CCRI. This program allows students to not only develop college readiness skills, but also develops industry skills. The mission of the program is to develop community and educational activists to provide support for people in need. Students gain experience in and out of the classroom.



DID YOU KNOW?

There is an abundance of career opportunities in the Education & Human Services Field including: teacher/preschool teacher/teacher assistant, social worker, psychologist, nurse/CNA, medical and health services provider, probation officer, youth counselor, therapist/counselor/mental health counselor, child welfare case worker, and nursing home administrator.

OUTCOMES

- 15 College Credits
- Teacher Assistant Certification
- CPR, First Aid and AED Certification
- Red Cross Babysitting and Childcare Certification
- 80 hours practicum work
- Accuplacer through CCRI

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Teacher Assistant

Two Year Program



Associates in Education
Early childhood teacher,
Teaching assistant

Four Year Program



Bachelors in Education
PK/K-12, Social Worker,
Licenced Social Worker,
Counselor/Therapist

TEACHER ACADEMY

MOUNT PLEASANT HIGH SCHOOL,



PROGRAM OVERVIEW

The Teacher Academy Program includes both industry-recognized credentials and advanced coursework. Students earn their First Aid, Babysitting, and CPR certifications. They also earn OSHA 10 Healthcare and Interview Skills from Careersafe online. Students also earn a Teacher Assistant Training Certificate as approved by RIDE and take the Paraprofessional Assessment through Educational Testing Services and can qualify to be teacher assistant in RI and other states. The sequence of classes includes an Early Enrollment Program course through Rhode Island College: FNED 100 Schooling in a Democratic Society for 3 credits.



DID YOU KNOW?

There is a growing need for teachers throughout the United States. Employment of high school teachers is projected to grow 4 percent from 2019 to 2029. Rising student enrollment should increase demand for high school teachers. The annual average wage for a RI teacher is \$75,950.

OUTCOMES

- PARAPRO Assessment 461 or Higher
- RIDE Approved Teacher Assistant Training
- HighSchool Diploma
- First AID Certificate
- BabySitting Certificate
- Early Enrollment at Rhode Island College (3 Credits)

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Teacher Assistant

Two Year Program



Associates in Education
Early childhood teacher,
Teaching assistant

Four Year Program



Bachelors in Education
PK/K-12

TEACHER ACADEMY

Alvarez

PROGRAM OVERVIEW



The Teacher Academy Program includes both industry-recognized credentials and advanced coursework. The program uses The Educators Rising Curriculum. This Curriculum emphasizes fundamental teaching practices that are critical for high school students to develop and take their first steps on the path to becoming accomplished professionals. Students earn First Aid, AED and CPR certifications. They also earn OSHA 10 Healthcare and Interview Skills from Careersafe online. Students also earn a Teacher Assistant Training Certificate as approved by RIDE.



DID YOU KNOW?

There is a growing need for teachers throughout the United States. Employment of high school teachers is projected to grow 4 percent from 2019 to 2029. Rising student enrollment should increase demand for high school teachers. The annual average wage for a RI teacher is \$75,950

OUTCOMES

- 80 hours of internship
- Service learning Project Lead the Way (PLTW)
- CPR, First Aid and AED Certification
- OSHA 10 Certification
- Teacher Assistant Certification

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Teacher Assistant

Two Year Program



Associates in Education
Early childhood teacher,
Teaching assistant

Four Year Program



Bachelors in Education
PK/K-12

BIOTECHNOLOGY/MEDICAL

JUANITA SANCHEZ HIGH SCHOOL



PROGRAM OVERVIEW

In the Biotechnology/Medical Program students prepare for many career opportunities such as Nursing, Medical Tech, Biotechnology, Lab Techs, Biology, Phys./Occ. Therapy, and other Healthcare/Lab sciences. Students develop science knowledge through hands-on experiences. Students in this program will experiment, explore, and prepare for careers.



DID YOU KNOW?

The Biomedical program will prepare students for careers in health-related and science fields. This is a highly interactive program where students conduct labs, see how people engage the scientific community, build their resume and become part of a great community.

OUTCOMES

- Project Lead the Way (PLTW) coursework
- 80 hours of internship, service learning
- CPR & AED Certification
- OSHA 10 Certification

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Certificate programs in
imagery or phlebotomy

Two Year Program



Med Tech or
Physical/Respiratory therapy

Four Year Program



Biomedical Engineer,
Data Scientist, Lab
Scientist

HEALTH CAREERS

ALVAREZ

PROGRAM OVERVIEW



The Nursing program at Dr. Alvarez High School offers an introduction into the healthcare field with an emphasis on entry-level employment as a nursing assistant and/or advanced careers through continued education. In this program, students will be provided instruction through classroom theory, lab and clinical skills in preparation for the CNA exam. Nursing assistant skills will be demonstrated and practiced on manikins and peers in the nursing lab and at clinical rotations. Students will participate in supervised clinical rotations at local facilities by providing hands-on care to residents/patients.



DID YOU KNOW?

Registered Nurses in the state of Rhode Island earn an average annual salary of \$82,790 per year (or \$39.81 per hour) as of May 2020, according to the U.S. Bureau of Labor Statistics. 80% of Rhode Island RNs earn between \$59,460 and \$105,150.

OUTCOMES

- RI State Department of Health- Certified Nursing Assistant (CNA)
- First Aid, CPR and AED Certification
- OSHA 10- Health Certification
- 80 hours of internship

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Nursing Assistant (CNA)

Two Year Program



**Licensed Practical Nurse (LPN)
Physical Therapy Assistant**

Four Year Program



Registered Nurse RN

CULINARY ARTS

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

Culinary students learn the necessary skills to be successful in the Food Service industry. Students learn content in theory classes and practice hands-on skills in the lab.

Students prepare menu items for PCTA's student-run Cafe. In this school-based enterprise, students create menus, receive food orders, prepare meals, greet guests, and take orders.



DID YOU KNOW?

Most people will hold a position in the food service industry at some point in their lifetime. This industry has \$899 billion in projected sales for 2020 and \$1.6 million new jobs by 2030. Restaurants employ more multi-language speakers than any other industry.

OUTCOMES

- ServSafe Workplace
- ServSafe Food Allergens/ Handler
- ServSafe Alcohol Service
- ProStart Level 1 & 2
- American Culinary Federation

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Line cook
Prep cook
Host/Hostess
Busser/ Server

Two Year Program



Associates in Culinary Arts

Four Year Program



Bachelors in Culinary Arts
Dietician
Nutritionist
Restaurant Management
Food and Beverage Manager

PASTRY

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

Students in the Pastry Arts program hands-on experience in a variety of methods to prepare creative pastries, breads, cake, etc. Students learn about food management, desserts, pastry principles, menu planning, catering operations and restaurant accounting. Students compete in local, state and national baking competitions along with the Prostart Culinary team.



DID YOU KNOW?

Students in the Pastry Program at PCTA are part of a school-based enterprise known as the Cafe. Staff members along with the community at large eat here and order cakes, pastries for holidays, special occasions, birthday parties, and Providence Waterfire celebrations.

OUTCOMES

- ProStart Level 1 & 2
- American Culinary Federation
- ServSafe Food Handler
- ServSafe Alcohol & Allergen
- ServSafe Manager

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Baker
Cake Designer
Caterer

Associates in Pastry Arts

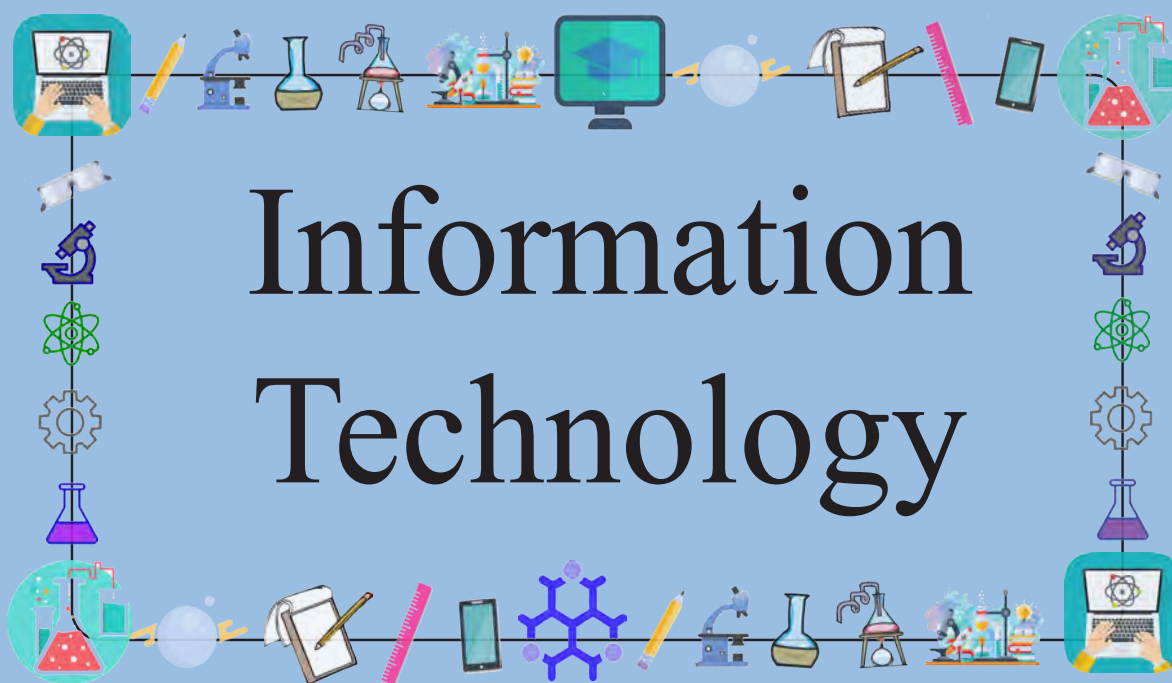


Food Service Manager
Retail Bakery Owner
Hotel Pastry Manager

Bachelors in Pastry Arts



Food Nutritionist
Food Science Tester
Pastry Chef



Information Technology

Program	School
Information Technology/Computer Science with Dual Enrollment P-TECH Program	E-Cubed
Computer Science/ CS4RI	W.B. Cooley @ JSEC
Computer Science/ CS4RI	Mt. Pleasant
Computer Science/ CS4RI	Central
Computer Science/ CS4RI	Alvarez

INFORMATION TECHNOLOGY/ P-TECH

E-CUBED

PROGRAM OVERVIEW

In the Information Technology Program will have an opportunity to earn both their high school diploma, credits toward their associates degree and gain relevant work experience in the field of Informational Technology. Additionally, students who participate in extended learning and summer course work can graduate with their Associates degree the summer after high school.

The program branches into three pathways: Computer Science, Networking and Computer Support Specialist. Students will acquire the academic, technical and workplace skills that employers need. Students will develop skills in programming and technology support that will prepare them to move into high wage, high growth careers. Mentoring, workplace visits, job shadowing, and internships are integrated into the program.



DID YOU KNOW?

The average wage for a TECH industry worker is \$108,900 - more than 2x the national average.

PTECH provides an opportunity for students to complete high school, and earn a two year degree. PTECH graduates will be prepared for higher paying, successful careers.

For more information visit or www.ptech.org

OUTCOMES

- IC3 Certificate
- Dual/Concurrent Enrollment (URI & CCRI)
- AP Computer Science Principles

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Computer Networking
Software
Cyber Security Analyst
Computer Support Specialist
DevOps Engineer
Year Up

Two Year Program



AA Computer Programming (CCRI)
AA Networking (CCRI)
AA Cybersecurity (CCRI)

Four Year Program



BA Computer Science (URI & RIC)
BS Computer Science (URI & JWU)

Computer Science/CS4RI

CENTRAL, JSEC, & MT.PLEASANT HIGH SCHOOL, ALVAREZ



PROGRAM OVERVIEW

The Computer Science Pathway programs at Central, JSEC, Mt. Pleasant, and PCTA are funded and supported by the statewide Computer Science for Rhode Island (CS4RI) grant. Students enjoy creative problem-solving, team collaboration, and influencing others with their ideas. Students develop skills to connect their career passions to high paying jobs in one of the largest and fastest-growing fields.



DID YOU KNOW?

Computer Science is not all about coding - it includes various fields that require coding experience. This includes the global push towards smart buildings and “green” cities. There is a projected growth of 12 % from 2018-2028 in the employment of computer and information technology occupations. Starting salaries are \$45,000-\$50,000.

OUTCOMES

- 12 Computer Science college credits
- Pathway endorsements
- 20 hours of hands-on experience in a structured lab setting

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Help Desk Technician

Two Year Program



College/University
Associates in
Computer Science/ IT

Four Year Program



College/University
Bachelors in
Computer Science/ IT

Law, Public Safety & Security

CENTRAL HIGH SCHOOL



PROGRAM OVERVIEW

The Law, Public Safety, & Security program prepares students for a range of careers in the legal, criminal justice, and public safety fields. It begins with an overview of the criminal justice system, including the police, courts, and corrections. The forensic science course teaches students to solve crimes and collect, preserve, and analyze physical evidence. In legal studies and criminal justice, students learn about the law in our contemporary society, the ethics and moral obligation of our citizenry, and the meaning of justice.



DID YOU KNOW?

Students have the opportunity to earn an EMT license starting in the junior year!

Demand for public safety will lead to new openings for officers.

Average salary for a police officer is \$44,000.

Average wage for Correctional Officers/Bailiffs is \$43,000 in May 2016. EMT start at \$19.00 per hour

OUTCOMES

- EMT certification- Emergency Medical Technician
- OSHA 10
- First Aid and CPR
- Roger Williams University- up to 9 credits

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



EMT, Police Cadet Program

Two Year Program



Associates in Criminal Justice or Forensics Science

Four Year Program



Bachelors in Criminal Justice or Forensics Science

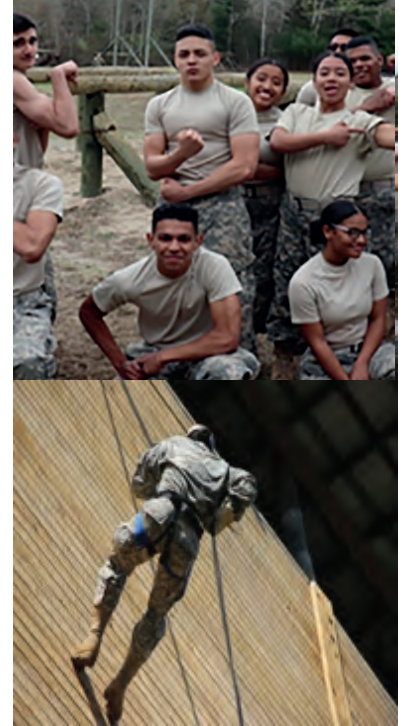
JROTC

HOPE HIGH SCHOOL



PROGRAM OVERVIEW

Are you someone who likes a challenge? Are you someone who likes to learn beyond the traditional classroom? Do you want to be part of a team and create life-long friends? JROTC instruction is focused on leadership, time and financial management, nutrition, CPR, and many other topics. Designed to enhance team building and personal responsibility. Hope High School's Army JROTC program is an "Honor Unit with Distinction," the Department of Defense's highest rating.



DID YOU KNOW?

Program instructors do not recruit for the military. The mission of JROTC is: "To motivate young people to become better citizens." Beyond the classroom, cadets have the opportunity to test their physical fitness through basic tests of strength and agility. The most successful cadets over time have achieved a proper balance of academics, fitness, and nutrition.

OUTCOMES

- Cadet Portfolio
- Service Learning Projects
- Continuous Improvement capstone project
- CPR, First Aid & AED certification
- Financial Management
- EMT certification- Emergency Medical Technician

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Enlistment in the U.S.
Armed Forces

Two Year Program

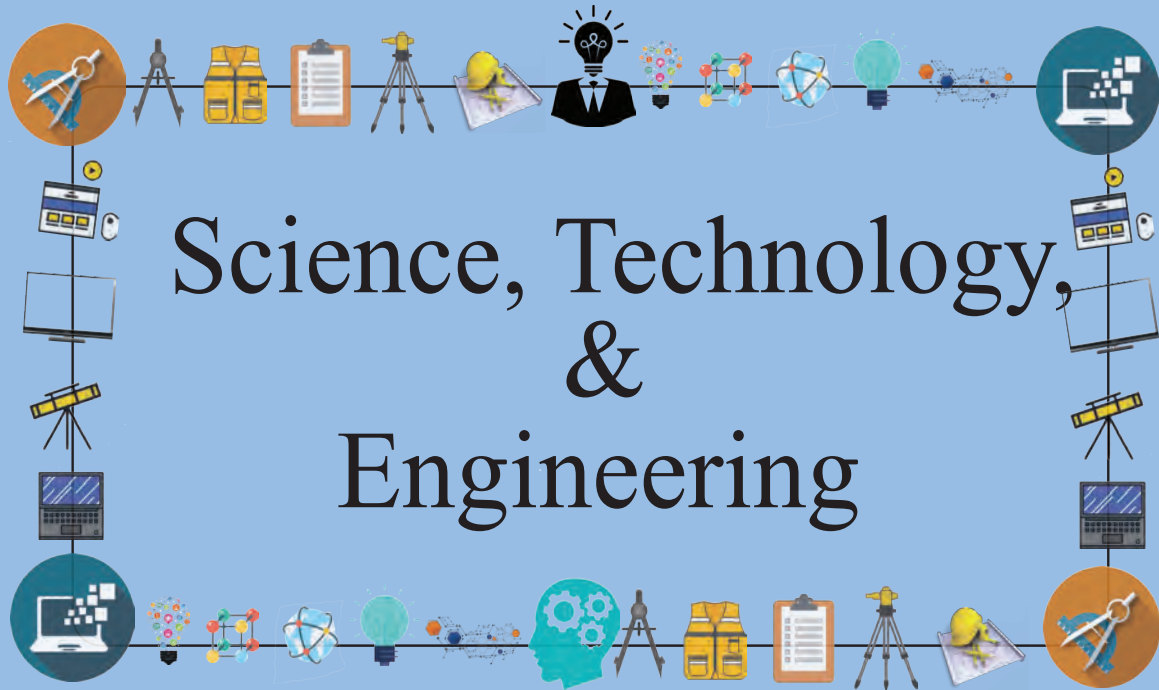


Scholarship at institution with
ROTC program

Four Year Program



US Military Service Academy
(Nomination with distinction)



Science, Technology, & Engineering

Program	School
Pre-Engineering	PCTA
Pre-Engineering	Mt. Pleasant



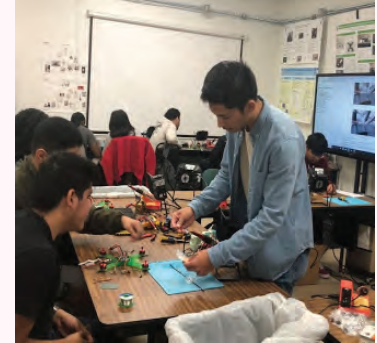
PRE-ENGINEERING

PROVIDENCE CAREER AND TECHNICAL ACADEMY



PROGRAM OVERVIEW

Students in the Pre-Engineering program at PCTA take a rigorous three course Project Lead the Way (PLTW) sequence. Students have the opportunity to earn industry-recognized credentials, post-secondary credits and/or advanced standing in training programs or jobs. PLTW courses are Introduction to Engineering Design, Computer Integrated Manufacturing, and Engineering Design & Development.



DID YOU KNOW?

Pre-Engineering students have won Skills USA gold medals in Mobile Robotics, Prepared Speech and Interactive Video Game Design. Students tour Engineering firms, local colleges and universities and meet industry professionals to learn about opportunities in Engineering and Manufacturing.

OUTCOMES

- SolidWorks
- Project Lead the Way coursework
- OSHA 10

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Associates in Engineering



Electronic Technician

Bachelors in Engineering



**Logistic and supply chain management
or
Manufacturing and Production**

PRE-ENGINEERING

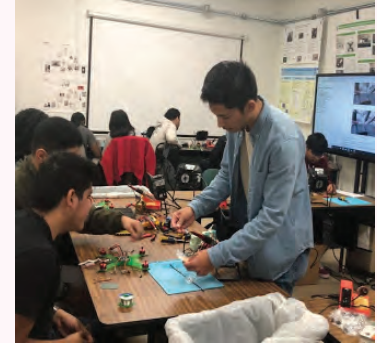
Mount Pleasant High School



PROGRAM OVERVIEW

Students in the Pre-Engineering program at Mt. Pleasant take a rigorous three course Project Lead the Way (PLTW) sequence. Students have the opportunity to earn industry-recognized credentials, post-secondary credits and/or advanced standing in training programs or jobs.

PLTW courses are Introduction to Engineering Design, Computer Integrated Manufacturing, and Engineering Design & Development. Students also participate in Junior Achievement.



DID YOU KNOW?

Pre-Engineering students have the opportunity to compete at Skills USA competitions in Mobile Robotics, Prepared Speech and Interactive Video Game Design.

Students tour Engineering firms, local colleges and universities and meet industry professionals to learn about opportunities in Engineering and Manufacturing.

OUTCOMES

- Project Lead the Way coursework
- Solidworks certification
- Junior Achievement Personal Finance
- Junior Achievement Career Success

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Two Year Program



Associates in Engineering
Electronic Technician

Four Year Program



Bachelors in Engineering
Logistic and supply chain management
Manufacturing and Production

AUTOMOTIVE TECHNOLOGY

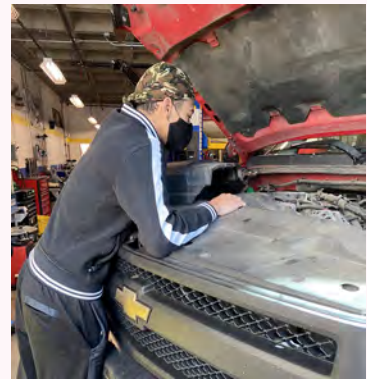
PROVIDENCE CAREER AND TECHNICAL ACADEMY

PROGRAM OVERVIEW



This program is focused on hands-on learning! Students will spend at least 60 percent of their time in the shop evaluating and repairing vehicles. Students will complete live repairs on vehicles-the same services they will perform when working in the field.

After graduating from PCTA's automotive program, students are prepared for a rewarding career in the automotive field.



DID YOU KNOW?

Automotive technicians/mechanics service and repair all the systems of the vehicle; engines, steering and suspension, transmissions, brakes, Heating and air conditioning, electrical and engine performance.

PCTA students learn how to service and repair these systems using state of the art industry recognized tools and equipment.

The average wage for automotive service technicians was \$40,710 in May 2018

OUTCOMES

- Automotive Service Excellence (ASE Certification)
- AllData certification
- ALI lift certification
- 80 Hours of worked based learning

WHAT ARE MY OPPORTUNITIES AFTER GRADUATION?

Direct To Work



Mechanic
Lube technician
Parts
Manager
Aircraft mechanic

Two Year Program



Associates in
Automotive Technology
NEIT, UTI, MTTI, Mass Bay

Four Year Program



Bachelors in
Automotive Technology
NEIT