



## CTE Approved Career Pathways at Middletown High School Computer Science and Pre-Engineering in the Defense Industry

130 VALLEY ROAD, MIDDLETOWN, RHODE ISLAND 02842

Middletown High School has two RIDE approved Career Technical Education (CTE) pathways in Computer Science and Pre-Engineering. Both of the career pathways will provide learning experiences connected to the Defense Industry.

By participating in these two pathways students will build a solid 21<sup>st</sup> Century Skills foundation through:

- PLTW courses that are nationally renowned for their rigor and relevancy.
- Participation in newly renovated STEM facilities.
- Partnerships with industry professionals through our work with **SENEDIA**.
- Learning opportunities that include; job shadowing, internships and work-based learning.
- College credits and preferential admissions through agreements that PLTW and specific secondary education institutions have made together.
- Attainment of soft skills and industry certifications that insure that students are on paths to high growth, high wage careers.

*Graduating seniors will have the RIDE Career Pathway Endorsement on their diplomas.*



Middletown High School.....

*Forward Thinking and Future Ready*



**Middletown Public Schools announces our partnership with SENEDIA!**

Work-based learning experiences pair industry professionals with MHS students focused on:

- Design thinking
- Project Management
- Collaborative work environment

### Contact Information

Gail Ponte, Principal

[gponte@mpsri.net](mailto:gponte@mpsri.net)

Luis Oliveira, Director

[loliveira@mpsri.net](mailto:loliveira@mpsri.net)

**Applications are available**

[www.mpsri.net/islanderssuccess](http://www.mpsri.net/islanderssuccess)

**Application Deadline**

February 15, 2019

## Why should I pursue career pathways at Middletown High School?

- Rigorous coursework
- PLTW courses that are rigorous and nationally known
- Opportunity to take OSHA10 and Essential Skills course
- Work-based learning experiences with Defense Industry Partners
- 17 AP courses in the Program of Studies
- Virtual High School course offerings
- Anchor Academy (Freshman transition into HS)
- Extracurricular opportunities
- High caliber athletic program
- Access to dual and concurrent enrollment opportunities
- Pathway Endorsement on Graduation Diploma



### PLTW Pathways-Coursework

Computer Science/Cybersecurity	Pre-Engineering
Computer Science Essentials (CSE)	Introduction to Engineering Design(IED)
Computer Science Principles (CSP)	Computer Integrated Manufacturing(CIM) or Civil Engineering & Architecture(CEA)
Computer Science A (CSA)	Principles of Engineering(POE)
Digital Electronics (DE) or Cybersecurity (SEC)	Engineering Design & Development(EDD)

*Forward Thinking and Future Ready.....Become an Islander!*



For more information about MHS career pathways visit the school website:

<http://www.mpsri.net/islandersuccess>