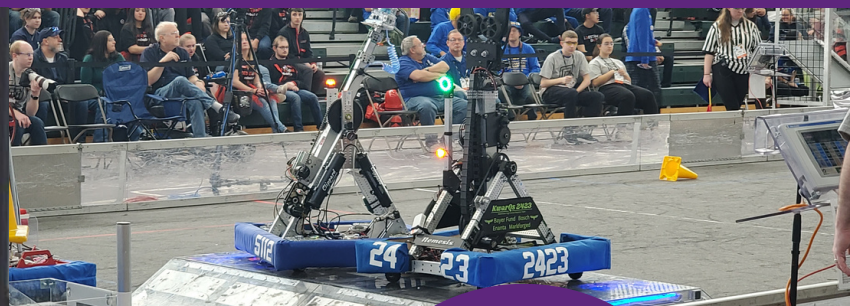


Computer Engineering



Why Study

Computer Engineering at Ponaganset?

Our Computer Engineering program develops innovative students with world-ready experience and meaningful industry expertise. An average of 98% of students earn a 3 or higher on the AP Computer Science exams.

Above state average performance on AP Exams



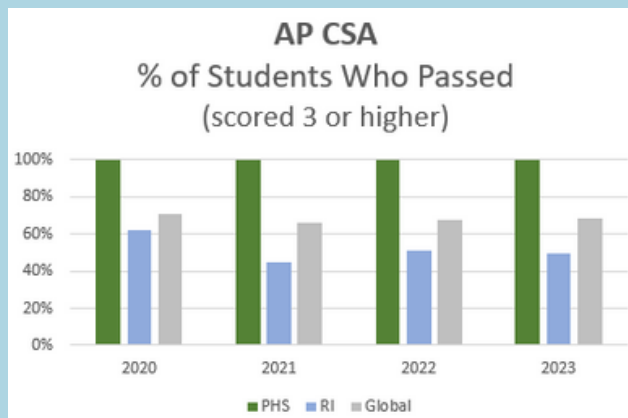
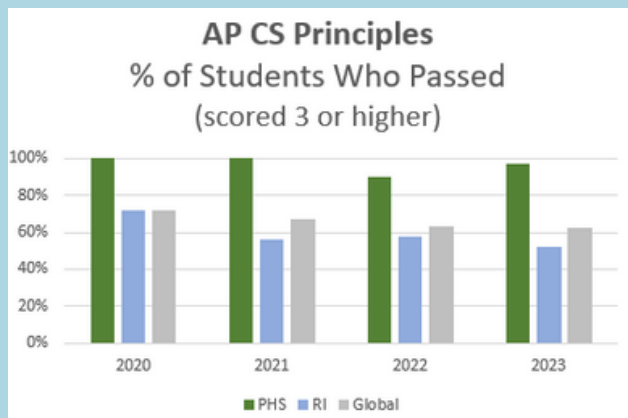
Discover your passion and find your purpose at Ponaganset
in the classroom, in student organizations, and experiential learning opportunities. The Computer Engineering program offers hands-on, relevant, and rigorous instruction to students interested in pursuing STEM related occupations.

Immerse yourself in real-world learning experiences
and earn 80 work- based learning hours. Students must complete 80 hours during their four years. These hours are earned through industry projects, service learning, internships, and partnership team members.

Enhance your leadership skills
by becoming a member of National Technical Honor Society. Students are inducted in the fall of their senior year. Candidates must be enrolled in the Computer Engineering Program all four years and earn GPA requirements. Click [here](#) for more details.



Ponaganset's AP Computer Science Scores are consistently higher than RI and Global Scores



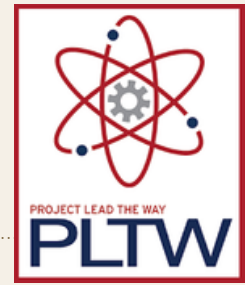
Mary Klein

Computer Science CTE Instructor



Greg Gongoleski

Pre-Engineering CTE Program Instructor



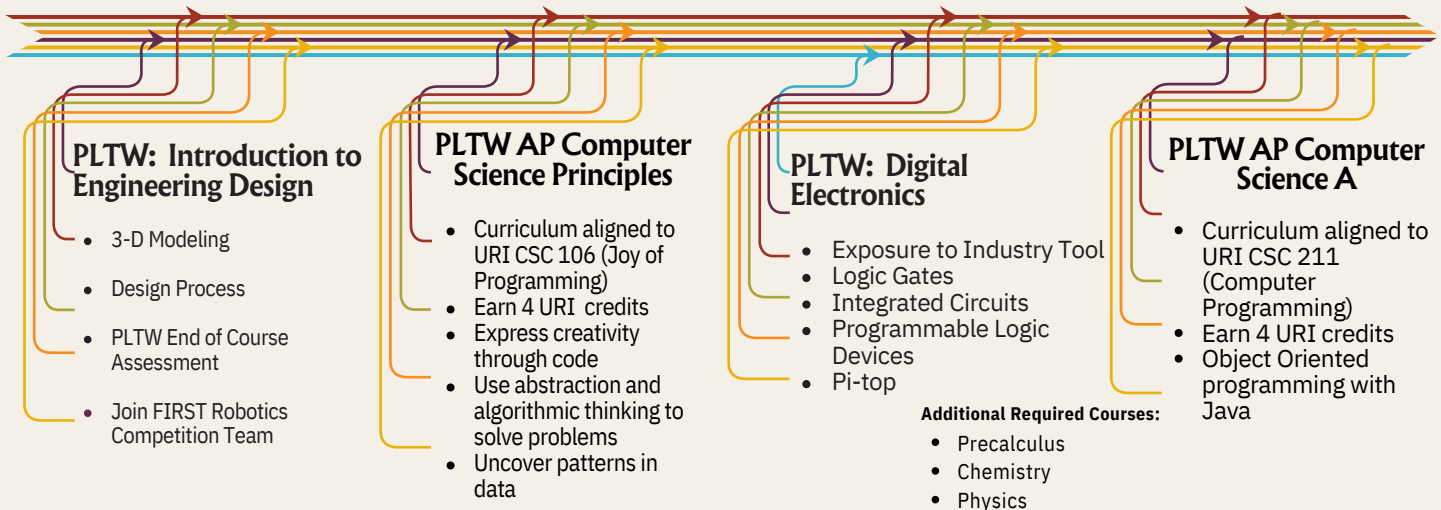
Four-Year path to success (click here for more details)

FRESHMAN YEAR

SOPHOMORE YEAR

JUNIOR YEAR

SENIOR YEAR



What sets Ponaganset's program apart?



8 College credits through the URI Concurrent Enrollment



Accomplished and highly trained faculty with industry experience



Opportunity to compete in SkillsUSA and First Robotics



Additional Course Offerings

- PLTW Cyber Security
- Computer-Aided Design (CAD)
- PLTW Principles of Engineering
- PLTW Engineering Design and Development
- Aerospace Engineering
- AP Physics I/II
- AP Precalculus
- AP Calculus AB/BC

[*Click here for a full list of course offerings](#)

Related Occupations

Post-Secondary Careers

- Software Engineer
- Software Developer
- Computer Programmer
- Computer Hardware Engineer
- Electrical Engineer
- Embedded Systems Engineer
- Systems Engineer
- Electronics Engineer
- Biomedical Engineer
- Electronics Engineering Technician
- Electronics Assembly Technician

[Review R.I. Industry Projections and Wages](#)