



# Construction & Manufacturing Pathway

**Ponaganset High School** offers a full array of academic and Advanced Placement courses with a deep commitment to developing the whole child. The school sits on 100+ acres and features cutting-edge facilities and equipment. We provide a collaborative, relevant and personalized education supported by 1:1 technology that purposefully prepares students for college and careers. Ponaganset is accredited by NEASC, a member of the League of Innovative Schools, and an XQ Super School.



## PATHWAY COURSES:

### Manufacturing

- Material Processing
- Introduction to Fabrication
- Introduction to Manufacturing

### Construction Management

- Material Processing
- Introduction to Construction
- Introduction to Construction Management

### Capstone Courses

- Advanced Manufacturing
- Engineering Design & Development
- Plans, Codes, & Site Work

## CERTIFICATIONS:

- HBI - Home Builders Institute
- OSHA 10 - Occupational Safety Hazard Administration
- SP2 - Safety/Pollution Prevention
- EPA Lead RRP - Environmental Protection Agency Lead Renovation Repair & Painting
- IRC - International Residential Code



## Seeking Highly Motivated Students who Want to Pursue Their Interests and Passions

**Are you interested in a high-quality** academic education combined with a meaningful career pathway that provides each student a laptop to enhance learning? Do you want the opportunity to earn college credit and/or industry certifications?

**The Construction & Manufacturing Pathway** features courses that educate students on the latest techniques for constructing hands-on projects, while also providing them with courses steeped in craftsmanship. This pathway has been designed to equip students with 21st Century workforce skills in the areas of science, technology, engineering and mathematics (STEM), while also emphasizing leadership, collaboration and problem-solving skills.

**Students in this pathway** have the opportunity to complete industry-specific certifications that will place them far and above their peers in terms of the level of work-ready preparation upon earning their high school diplomas. These certifications allow students to earn college course credit at local colleges and technical schools.

**PLEASE NOTE:** Our pathway courses, credits, certifications, etc. are continuously improving and changing. For complete up-to-date information, please visit [www.fg.k12.ri.us/pathways](http://www.fg.k12.ri.us/pathways).

**Out-of-district students can apply to attend Ponaganset** by visiting our website at [www.fg.k12.ri.us/apply](http://www.fg.k12.ri.us/apply). You may also email [admissions@fgschools.com](mailto:admissions@fgschools.com).

Tuition is provided by sending districts for accepted students. Transportation is also provided to students from Coventry, East Greenwich, Scituate, Warwick and West Warwick. Limited transportation is provided to other towns via centralized bus stops.

### Cutting-Edge Equipment:

- Laser Engraver
- CNC Mill
- CNC Lathe
- CNC Plasma Cutter
- CNC Router
- 3D Printers

### Major Projects/Activities:

- Metal Working
- Basic Construction Projects
- Laser-Engraved Items
- 3D Printed Items
- Welding
- Materials Fabrication
- Mass Production (Adirondack Chair)
- Capstone Project

**Start here. Go big!®** Out-of-district students apply online: [www.fg.k12.ri.us/apply](http://www.fg.k12.ri.us/apply)  
 Ponaganset High School 137 Anan Wade Road Gloucester, RI 02857 Pathways info: 401-710-7579