

## WHY AN ACADEMY?

An Academy integrates college-preparatory curriculum with a career theme. In other words, an Academy offers:

- ✓ Career-focused curriculum to a subset of students (school within a school)
- ✓ Involving teachers from different subjects (college-prep academics)
- ✓ working together as a team and providing students with exposure (work-place experience)
- ✓ a chosen career field (partnerships with local businesses)

Students learn marketable career skills integrated with a rigorous academic program that incorporates technology into the classroom.



## NORTHEAST HIGH SCHOOL AUTOMOTIVE AND MANUFACTURING TECHNOLOGY CENTER

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### MISSION STATEMENT

All Northeast students will graduate and be prepared for postsecondary choices including college and careers.



**Vision:** 100% Student Success

**Mission:** "Educate and prepare each student for college, career and life."

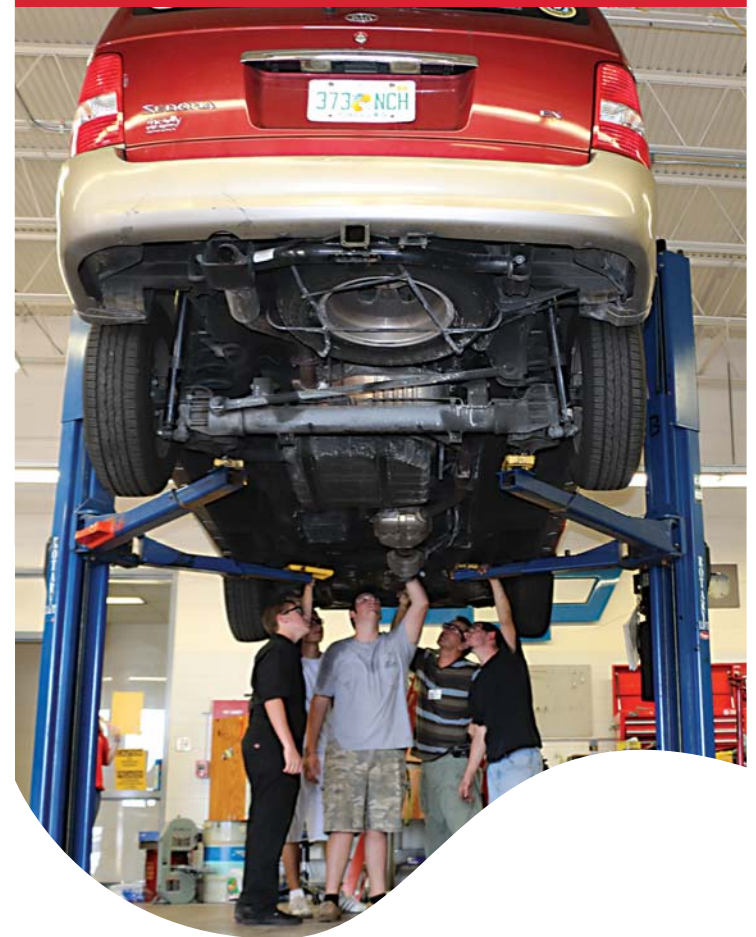
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[www.pcsb.org](http://www.pcsb.org)

## Automotive and Manufacturing Technology Center

### NORTHEAST HIGH SCHOOL

The mission of the Automotive and Manufacturing Technology Center is to provide students with technical skills, integrated activities, knowledge and attitude necessary for successful performance in a globally competitive workplace.





# program of study

## MANUFACTURING AND PRODUCTION TRACK

### OUR MISSION:

Manufacturing prepares students for employment and/or continuing education opportunities in manufacturing through technical instruction in the classroom, experiential education through the laboratory and leadership and personal development in student leadership organizations.

The Manufacturing and Production program prepares students for careers in manufacturing industries. Using a systems approach, students will use self-regulated thinking, analytical problem solving, and critical and creative thinking skills involving the latest technological resources available to solve problems, create reports, take scientific measurements, design and produce products, make complex drawings, analyze data, control machine equipment using computers, and access information and resources on the internet.

Amatrol's High School programs use a unique blend of project-based team learning combined with a rotational individualized learning format for technical skills development. Amatrol offers both traditional equipment based labs as well as virtual labs. While designed for self-paced learning, Amatrol's learning programs are equally effective in traditional classroom settings. All of Amatrol's learning programs allow students to fully experience the rewards of hands-on, applied technical learning.

## AUTOMOTIVE TECHNOLOGY TRACK

### OUR MISSION:

Automotive Service Technology Program is to prepare students to work in the automotive repair industry to obtain the most current and up-to-date education and training possible. The goal of the Automotive Technology Program is to assure that the students being trained have the skills level sufficient to seek meaningful employment along with the possibility of advancement. Faculty work very closely with local industry partners to ensure that the training meets the needs of the industry.

