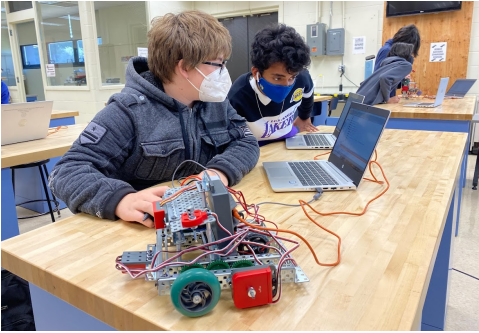


Mechatronics, Engineering and Advanced Manufacturing (MEAM)



MEAM is a 4 year program that began in 2016 in partnership with Raritan Valley Community College. Students learn fundamental manufacturing and machining skills along with high tech manufacturing and design using robotics, 3D printing, and CNC machines.

The Mechatronics, Engineering and Advanced Manufacturing program prepares students for 21st century careers as well as giving them the opportunity to earn as many as 13 college credits in a variety of subjects. Students will attend classes at both the Somerset County Vocational and Technical High School and the campus of Raritan Valley Community College.

MEAM industry partners collaborate to create industry-relevant learning experiences as well as to provide students with real world projects. This assures that MEAM students graduate with the skills necessary to enter the workforce directly or to continue their education. Students who complete the 4 year MEAM program will also earn college credits from Raritan Valley Community College. Those who go on to earn their Associates Degree at Raritan Valley Community College can then fully transfer their credits to the New Jersey Institute of Technology to earn a Bachelor’s Degree in Engineering or Engineering Technology.

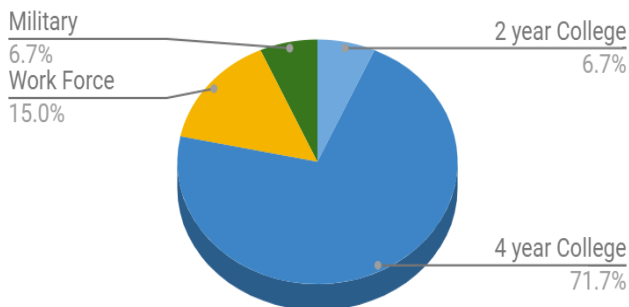
Classes meet for 3 periods/2 hrs per day, 5 days a week
 Average number of new students accepted per year: 20
 Opportunity for professional certifications: Yes
 Opportunity to earn college credits: Yes
 Opportunity to earn a college degree: No

Available Industry Certifications

Level One NIMS Certificates
 OSHA 10 card

MEAM Student Graduation Profile

Historical and Planned



Future Careers

- Engineer
- Robotics Technician
- CNC Programmer
- CNC Machine Operator
- CAD/CAM Designer
- Industrial Controls Technician
- Computer Programmer
- PLC Programming Technician
- Industrial Robotics/Mechatronics Technician
- Quality Control Technician
- Manual Machinist

Raritan Valley Community College Credits

- EMET 151 - 3 credits - Conventional Machining Operations I
- EMET 152 - 3 credits - Conventional Machining Operations II
- EMET 253 - 3 credits - CNC Machining Center
- EMET 254 - 3 credits - CNC Lathe

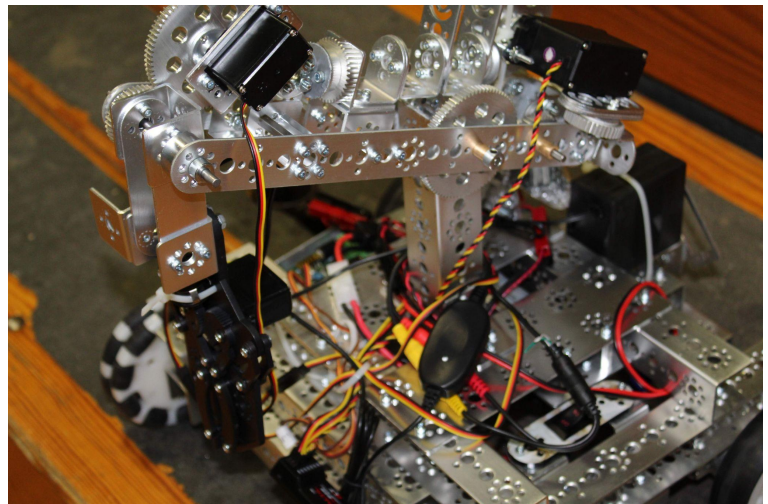
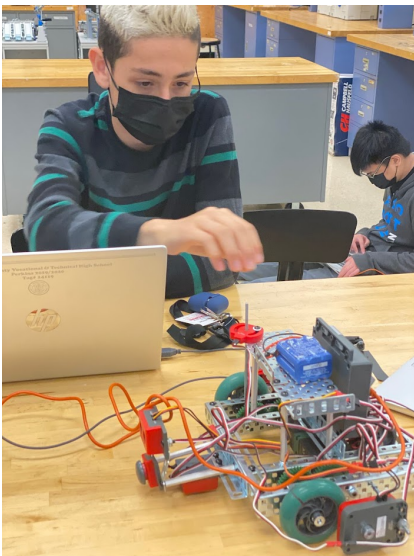
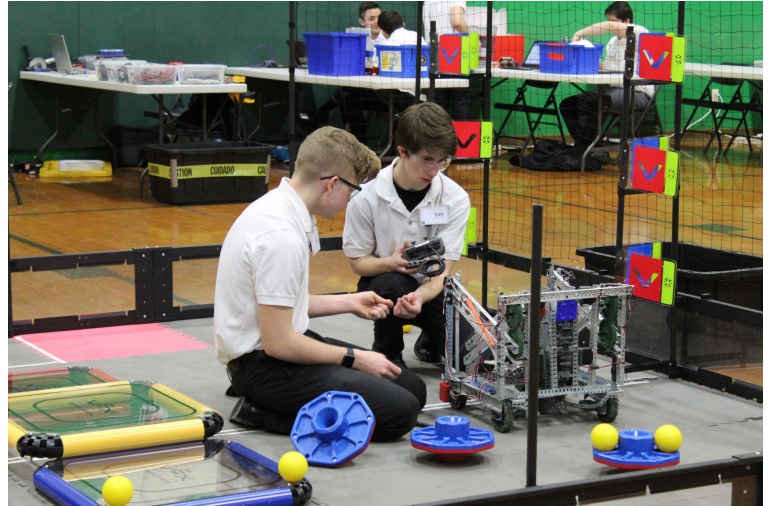
PARA ASISTENCIA EN ESPAÑOL LLAME AL 908-526-8900 x7298 o x7264



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel by providing educational programs, events and competitions that support career and technical education (CTE) in the nation's classrooms.

SCVTHS students have the opportunity to compete for state and national recognition in the annual SkillsUSA competitions

WELCOME
V V V
NEW JERSEY STATE CHAMPIONSHIPS



PARA ASISTENCIA EN ESPAÑOL LLAME AL 908-526-8900 x7298 o x7264