The Automotive and Light Duty Diesel Technology Program is an accredited and certified program by the ASE Education Foundation, and includes a light duty diesel component. Students learn the fundamentals of maintaining and repairing cars and light trucks. Students gain experience through demonstration, practical theory and hands-on shop projects, while working in a state-of-the-art facility. After three years in the Program, students are eligible for work-study placement in repair shops throughout the region.

Students who graduate from the Automotive and Light Duty Diesel Technology Program can pursue a career as an Automotive Technician as well as related careers. Graduates may also elect to further their education by attending college or a post-secondary technical institution. Some fourth year students may have the opportunity to earn credits for real world employment.

Curriculum:
Year 1: Shop Safety, Automotive Fundamentals; Manual Driveline; Automotive Electricity and Electronics I
Year 2: Automotive Electricity and Electronics II; Gas and Diesel Engine Performance; Automatic Transmissions/Transaxles
Year 3: Steering, Suspension and Alignment; Brake Systems; Heating and Air Conditioning Systems
Year 4: Advanced and Independent Study

Classes meet for 3 periods/2 hours per day, 5 days a week
Average number of new students accepted per year: 12
Opportunity for professional certifications: YES (9 ASE Student Certifications A1-A8, G1)
Opportunity to earn college credits: NO

FUTURE CAREERS
Automotive Service Technician
Automotive Business Owner
Diesel Service Technician
Service Writer/Manager
Maintenance Mechanic
Mechanical/Automotive Engineer

RECENT STUDENT POST-SECONDARY DESTINATIONS
Advanced Technology Institute
Autosport Honda
Lincoln Tech Diesel Campus
New Jersey Institute of Technology
Raritan Valley Community College
Supertool Automotive
United States Army
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.

Recent Awards
2016 Silver Medal NJ Auto Maintenance Competition
2017 Gold Medal NJ Auto Maintenance Competition
2017 Silver Medal NJ Diesel Equipment Technology Competition
2019 Silver Medal NJ Diesel Equipment Technology Competition

All Somerset County Vocational & Technical School programs are supported by a community advisory panel. The Automotive and Light Duty Diesel Technology advisory panel members are from:

- Bridgewater Motorworks
- Mercer County Technical Schools
- Hunter Engineering Company
- Belle Mead Garage
- BMW of Bridgewater
- American Tire & Auto Care
- Snap-On Tools
- Fullerton Auto Group
- Nissan North America
- Mercedes-Benz USA
- Mavis Discount Tire
- Hunterdon PolyTech
- Shade Tree Garage

PARA ASISTENCIA EN ESPAÑOL LLAME AL 908-526-8900 x7298 o x7264
Somerset County Vocational & Technical Schools 908-526-8900 www.scvths.org 2021-22