



Pre-CTE Exploration

Grades 9 - 12

Mineville Campus

Students in grades 9-12 will learn service level/introductory skills and competencies in three career areas: Natural Resources Management, Automotive Technology, and Construction Trades. Students will rotate through various components of competency areas in each designated content area. This program will provide students with hands-on training as well as differentiated classroom instruction suited for diverse learning styles. This program will prepare students for job placement or and/or into the NYSED CTE Approved Natural Resources Management, Automotive Technology, or Construction Trades two-year program of study to further their education.



Program Highlights

- In House Work Site
- Employability Skills
- Co-Teaching Model
- High Quality Instruction

Career Connections

Automotive

- Automotive Service Assistant
- Automotive Detail Specialist
- Oil-Lube Technician

Construction

- Laborer
- Lumber Stocking

Natural Resource Management

- Outdoor Laborer
- Maple Production

Certifications

- NYS CDOS Commencement Credential
- First Aid/CPR
- OSHA-10 Hour Safety

Further Education

- Automotive Technology (CV-TEC)
- Construction Trades (CV-TEC)
- Natural Resource Management (CV-TEC)

Course of Study

Automotive Repair Tech

- Tire Dismount and Mounting Procedures
- Tire Balancing - Static and Dynamic
- Oil, Filter & Chassis Lube Procedures
- Hoisting and Jacking Procedures
- Tire Rotation & Wheel Torque Procedures
- Services Automotive Batteries, Cleaning Connections and Testing
- Inspecting All Fluids
- Evaluates Front-end Play and Brake Wear

Automotive Reconditioner (Detailer)

- Applies Appropriate Safety Precaution
- Appropriate Use of Supplies and Equipment
- Prepare Vehicle for Washing and Cleaning
- Degreasing/Detailing Engine Compartment

Carpentry Laborer

- Safety Precautions
- PPE
- Work Site Clean-up
- Identify & Basic Hand Tool Use
- Identify & Power Tool Use
- Tape Measurements
- Material Assembly
- Cut Stick Size to Dimension
- Dimensional Lumber Identification
- Fastener Identification
- Stacking Procedures

Chainsaw Basics

- Safety Core
- PPE
- Parts Identification
- Chainsaw Daily Safety Checks
- Proper Start-up Procedures
- Manual Chain Sharpening

Dendrology

- Tree Identification
- Dendrochronology (Tree Aging)
- Tree Health

Heavy Equipment

- Machine/Parts Identification
- Pre-Operational Inspection Checks
- Preventative Maintenance
- Machinery Lubrication

Maple Production

- Sugarbush Development
- Sugarbush Maintenance
- Tree Tapping
- Evaporator Basics
- Canning/Grading Syrup