Worksite Training

Depending on availability and student qualifications, students will be placed at various worksites:

> AutoValue Woody's Cycle Hale Hardware Kalitta Air Northern Truck Johnson Auto Dean Arbour Ford Dean Arbour Chevy Tawas Tool Sears



Free College Credit and Certification Opportunities

Kirtland Community College:

Level I Outdoor Power Equipment 3 credits Level II Outdoor Power Equipment 3 credits

Delta Community College

Davenport University

Universal Technical Institute \$500 Tuition Credit



TECHNICIANS OF THE FUTURE BEGIN HERE!

Founded in 1997, the Equipment & Engine Training Council is a non-profit association whose goal is to address the shortage of qualified service technicians in the outdoor power equipment industry. The EETC is striving to create professional power equipment technicians of today's sophisticated power equipment products.

In order to meet these needs the association has developed the EETC Technician



Certification program to measure the skill level of repair technicians working in the industry today. They have also developed an EETC School Accreditation program to recognize schools that

have an outstanding outdoor equipment training course to train future technicians. The Power Mechanics program is currently training students to successfully qualify and meet the EETC industry standards.

The Iosco Regional Educational Service Agency does not discriminate in any activity, program, or employment on the basis of race, color, disability, national origin, gender, religion, age, height, weight, or marital status.

Power Mechanics

Engine Technology Service, Diagnostics and Repair Basic Welding Fundamentals Electrical Fundamentals Career Preparation Advanced Engine Technology



Paul Billeter, Instructor Phone: (989) 362-3006 Ext. 1144 Email: pbilleter@ioscoresa.net

Career & Technical Education 27 N. Rempert Road, Tawas City, MI 48763

Core Fundamentals

Students will complete a comprehensive module about shop safety, tools, and equipment. Students will earn a certificate after demonstrating proper and safe use of 30 pieces of equipment.

Basic theory of two and four stroke engines will be explored, as well as carburetion, ignition, cooling and lubrication



systems. Students will disassemble measure and reassemble two and four cycle powered equipment of outdoor powered equipment. Basic troubleshooting procedures are reviewed to help students identify and understand how these



systems work. Students are encouraged to bring small engine projects from home for repair to enhance their learning experience. Basic electrical

theory and operational function testing are reviewed for ignition, starting, and charging systems. Basic math skills are used for precision measuring equipment while inspection of engines.

Curriculum: Second Year

Course outline consists of student selected 9/18 week training modules as follows:

Lawn / Garden Technician Marine Engine Technician Power Sports Technician Small Diesel Engine Apprentice Electrical Technician

Second year students may select one of these career programs of study or a combination thereof to prepare themselves for future *school to work* placement in the second semester. Providing the student meets the minimum standards 75% or better on class curriculum, work ethics, and maintains a satisfactory attendance record, students will be considered for placement with local repair and service dealerships for on-site training and potential future employment.

Certificates within the program:

Core Fundamentals, two & four cycle engine fundamentals, basic welding fundamentals, electrical fundamentals, advanced two and four stroke technology.



New Racing Format for Mudslinger

- Time Trial Segment.
- Racing, Fastest Times in each
 Segment Advance.

First and Second year students are encouraged to join the Northeast Mudslingers Competition where teams compete with one another in a school sponsored garden tractor pull. Student leadership and teamwork is developed through their own intuitive mechanical design and modification of common lawn tractors.

Fastest Lap Time Best Overall Design/Paint Scheme Best Team Effort/Engineering Concept