

PowerSports Technology

Mr. Lingle
Lancaster County CTC
Brownstown Campus



LANCASTER COUNTY
CAREER & TECHNOLOGY CENTER

Needed for the Start of School

- 1. Five Gold/Yellow T-Shirts (Available for purchase on www.lancasterctc.edu website via the online store under the student services tab. Information for ordering is included in this packet.)
- 2. Five navy blue work pants (to be purchased at your choice of store.) Jeans and shorts are not permitted. Pants must fit properly, no baggy pants are allowed due to safety concerns; work clothes must be kept clean and washed regularly.
- 3. Safety glasses with side shields (Clear lenses only- no tint) If a student has prescription lenses, they must wear safety goggles over their glasses. (Goggles can be purchased for this situation)

Needed for the start of School

- 4. Leather safety toe work boots only. (to be purchased at your choice of store)
- 5. Clipboard for lab assignments –(Mandatory for task sheets)
- 6. Assortment of writing utensils, a notebook and a 2” binder for handouts and in class assignments.
- 7. Students are required to have all necessary supplies on the first day of school. (You will need to be prepared; we start on the first day.)

Curriculum

- WORKPLACE SAFETY
- BASIC ELECTRICAL PRINCIPLES AND CIRCUIT TESTING
 - COOLING SYSTEMS
 - FUEL SYSTEMS
 - EXHAUST SYSTEMS
- Measuring and Trade Related Math
 - HAND AND POWER TOOLS
- FASTENERS SEALANTS AND GASKETS
- WELDING, HEATING AND CUTTING
 - 2 CYCLE ENGINES
 - 4-STROKE CYCLE ENGINE



Curriculum Continued

- ENGINE FAILURE ANALYSIS
- STARTING SYSTEMS
- IGNITION SYSTEM
- CHARGING SYSTEMS
- LUBRICATION SYSTEMS
- GOVERNOR SYSTEMS
- BRAKE SYSTEMS
- CLUTCH AND DRIVE SYSTEM
- PARTS MANAGEMENT, INVOICING AND RECORDKEEPING
- WHEELS AND CHASSIS SERVICE
- PA State Inspection Procedures
- Career development skills
- English and Public Speaking



Certifications

- NOCTI (National Occupational Competency Testing Institute)
- EETC Small Engine Technician Cert.
- Snap-On 525 DVOM Meter Cert
- Honda
- OSHA 10-Hour
- Briggs and Stratton Certifications
- Careersafe Employability Cert



Employment Pathways

- Small Engine Repair Shops
- Outdoor Power Equipment Dealer
 - Technician
 - Service Writer/ Manager
 - Parts Department/sales
 - Motorcycle Dealers
 - Technician
 - Service Writer/ Manager
 - Parts Department/sales
- Lawn and Garden Rental Dealers
- Landscaping/ Maintenance Departments



Employer Qualifications



EMPLOYABILITY
SKILLS



WILLINGNESS TO
LEARN (LIFETIME
LEARNING)



SOFT SKILLS
(COMMUNICATION)



SOLID
FUNDAMENTAL
SKILLS (SMALL
ENGINE, READING &
WRITING, MATH)



BASIC TOOL SET



CLEAN DRIVING
RECORD



LANCASTER COUNTY
CAREER & TECHNOLOGY CENTER

Why Come to the CTC?



Learn a trade



Good employment potential



Become employable



Learn to work safely



Learn positive working relationships with others



Instructors have trade contacts



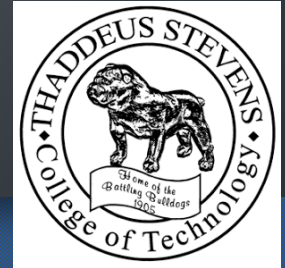
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Cooperative Education

- Our goal at the CTC is get students ready to work in their desired industry
- Co-Op is a way to get students on the job experience while still in school
- MP 4 is dedicated to Co-Op
- No Hard Feelings
- Lancaster Honda/B&B Yamaha
- Don's Kawasaki
- Lancaster Marine
- Weaver Turf Power
- R.S. Hollinger
- Metzler Mower
- Binkley & Hurst
- Rental World
- PR2 Racing Technologies
- Bomberger's
- Deere Country
- Hernleys Polaris Victory
- Turf Teq
- And many more...

Continued Education

- MMI (Motorcycle Mechanics Institute)
- Thaddeus Stevens
- UTI (Exton, PA)
- UNOH University of Northwest OH, Lima OH
- WYO Tech
- Military
- ATC



This is what we work on





Contact information:

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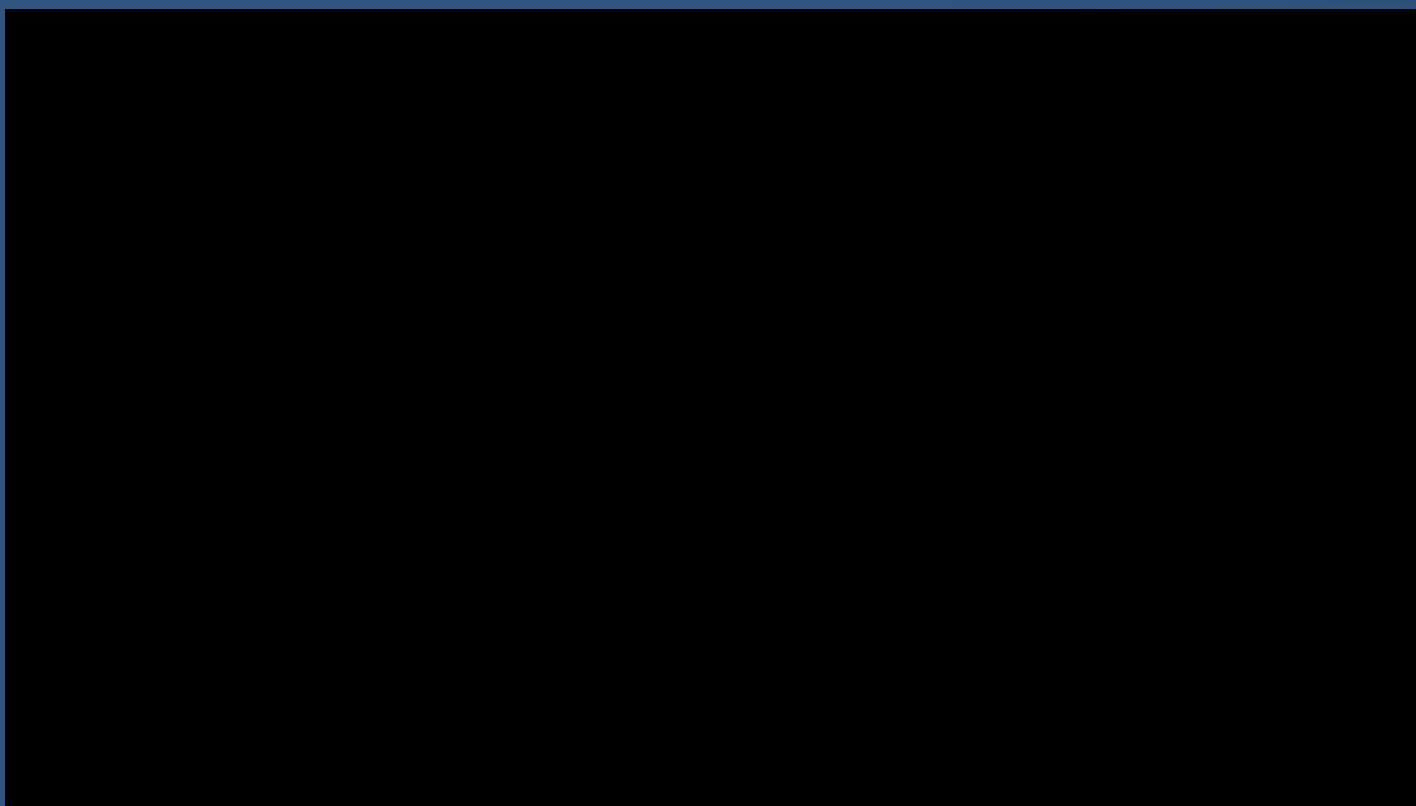
For more information visit:

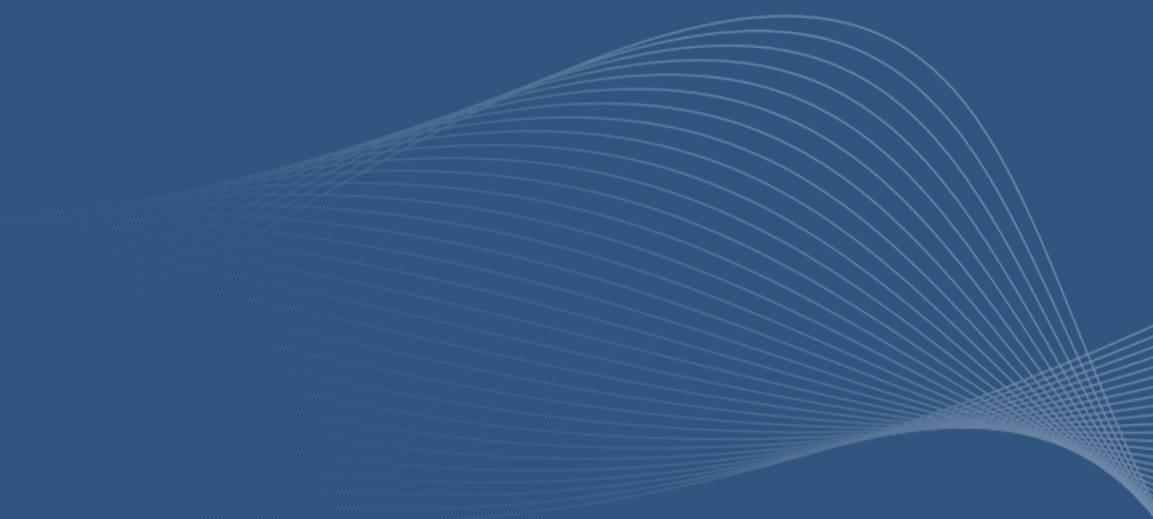
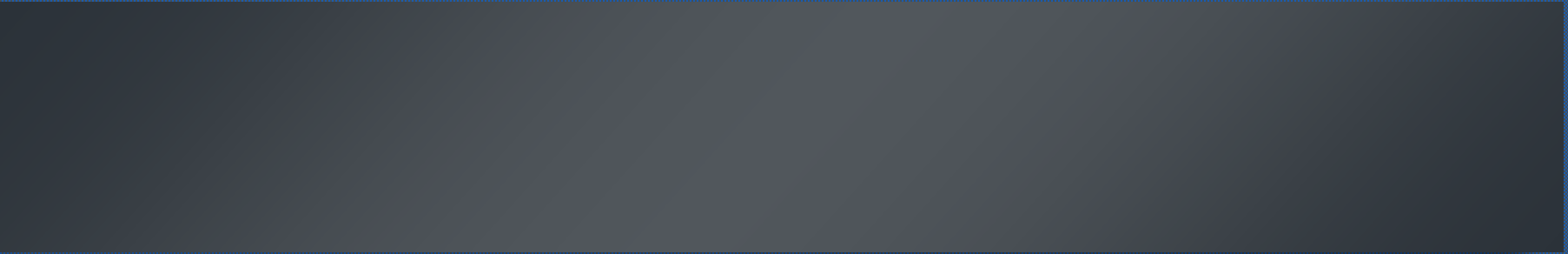
www.lancasterctc.edu



LANCASTER COUNTY
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Introduction Video





LANCASTER COUNTY
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LCCTC 360° Virtual Tours

Click on Link or Scan for Virtual Tour of the program

http://pennvideos.com/vr-tours/lcctc-vr/power_sports/

