**Overview**

This program offers 10th grade students the unique opportunity to build the employability skills that are necessary for applying for, obtaining, and maintaining a job. In-house internships culminate the learning experience so that students can more readily transition into a specialized program for their junior and senior years.

The goal of the one-year program is to help students reconnect with learning via experiential and kinesthetic learning experiences. Students complete projects, learn how to keep themselves safe in the work environment, and experience academic learning in a new context.

Specific learning in the program encompasses safety and first-aid, measurement, hand and power tools, building materials, basic woodworking and wood finishing, an introduction to basic manufacturing processes and welding, and basic home maintenance skills. A well-equipped laboratory/shop helps students relate what they learn in class to real-world projects.

*Note: This program is for sophomore (10th grade) students.*

**Units of Study**
- Program Orientation and Basics of Safety
- Basics of First Aid
- Measurement
- Introduction to Hand Tools
- Introduction to Hand-Held Power Tools
- Introduction to Stationary Power Tools
- Materials
- Wood Finishing
- Basics of Manufacturing
- Introduction to Welding and Plasma Cutting
- In-House CTE Internships
- Professionalism/Employability
- Basic Home Maintenance
- Interdisciplinary Projects:
  - Outdoor Power Equipment
  - Heavy Equipment Operation
  - Carpentry
  - Electrical/HVAC
  - Automotive Trades
  - Health Professions
  - Conservation

**Equipment Needed**
- Boots and pants
- Pencils and an easy to read tape measure

**Class Format**
- Classroom, laboratory/shop, and internships

**Safety is Important**
- Students must wear personal protective equipment whenever they are working in the shop or out on a job site.
- Students are required to pass safety assessments with 100% accuracy before being allowed to continue using various tools and equipment associated with the course.
- Shop rules will be followed at all times or privileges will be revoked.

**Features and Benefits**
- **Academic Preparation:** Program structure and guidance helps students more readily transition into specialized CTE programs in their junior and senior years.
- **Work-Based Learning:** Internships provide students with real-world, professional experiences.

**More Information**
- Meet with your school counselor.
- Visit during CTE’s open houses and college fairs.
- See all the CTE educational opportunities and events online at [www.moboces.org](http://www.moboces.org), and view our Frequently Asked Questions (FAQ) page.
- Contact: CTEinfo@moboces.org or (315) 361-5700.