FIRST-YEAR BENCHMARKS
WELDING STUDENTS

The mission of the Mercer County Career Center is to equip students with marketable skills through effective Career and Technical Education. This mission as it relates to the Welding program means preparing students with the necessary skills and knowledge to complete the American Welding Society (AWS) certification.

Upon completing the third marking period, all first-year students attending Mercer County Career Center will be evaluated using Benchmarks. Benchmarks are an indicator of future success in the field and for further training. Students in Welding are required to meet benchmarks to enhance their chances of completing the American Welding Society (AWS) certifications. Students who are unable to meet benchmarks will be referred to the Guidance Counselor or to the Special Education Support team if they receive special education services. These staff will facilitate students in the design of a career path better suited to meet their needs. Career Center staff, in collaboration with the student, and their families will help to develop a modified program option, a change in course at the Career Center, or a full schedule at the student's home school that does not include technical education.

- Follow all attendance guidelines as written in the Student Code of Conduct.
- Obtain a final letter grade no lower than a 65% for the semester most recently completed.
- Complete the OSHA 10-Hour General Industry (Manufacturing) Course.
- When evaluated on hands-on skills, score an 80% or higher on the teacher-made rubric for vertical SMAW welding.
- When evaluated on hands-on skills, score an 80% or higher on the teacher-made rubric for oxy-fuel cutting.
- When evaluated on hands-on skills, score an 80% or higher on the teacher-made rubric for measurement and lay-out.
- Given an assessment on welding symbols and blue-print reading, score an 80% or higher.
- Given the cumulative Welding Terms Vocab Test, score 70% or higher during the third marking period.