

**State of Michigan
Civil Service Commission**
Capitol Commons Center, P.O. Box 30002
Lansing, MI 48909

Position Code
1. TRADINSE

POSITION DESCRIPTION

This position description serves as the official classification document of record for this position. Please complete the information as accurately as you can as the position description is used to determine the proper classification of the position.

2. Employee's Name (Last, First, M.I.)	8. Department/Agency LEO-LABOR AND ECON OPPORTUNITY
3. Employee Identification Number	9. Bureau (Institution, Board, or Commission) Michigan Rehabilitation Services
4. Civil Service Position Code Description Trades Instructor-E	10. Division Michigan Career and Technical Institute
5. Working Title (What the agency calls the position) Trades Instructor – Machine Technology	11. Section Administration
6. Name and Position Code Description of Direct Supervisor FECHTER, JENNIFER A; DEPARTMENTAL MANAGER-3	12. Unit Instructional Services
7. Name and Position Code Description of Second Level Supervisor FECHTER, JENNIFER A; DEPARTMENTAL MANAGER-4	13. Work Location (City and Address)/Hours of Work 11611 W. Pine Lake Road Plainwell, MI 49080 / Monday – Friday 8:00 am – 5:00 pm

14. General Summary of Function/Purpose of Position

The Welding Instructor provides high-quality instruction and hands-on training in welding theory, processes, fabrication, and safety within the Michigan Career and Technical Institute (MCTI) Machine Technology Program. The instructor teaches technical and related subjects to help students develop competitive, job-ready skills for employment in the welding industry.

This position also plays a key role in supporting student success by counseling students on academic and personal challenges that may be barriers to employability, and by developing instructional strategies and accommodations that meet the diverse learning needs of adult students with disabilities. The instructor designs and maintains current lesson plans and curricula that reflect industry standards and advances in technology, while using instructional methods tailored to benefit students with a wide range of learning styles and academic abilities.

The Welding Instructor participates as a member of an interdisciplinary team to monitor and advise students regarding progress in training and to develop strategies that promote learning and workplace readiness. The instructor also collaborates with the Occupational Advisory Committee to ensure the program remains current with workforce trends, employer expectations, and emerging technologies in the welding field.

15. Please describe the assigned duties, percent of time spent performing each duty, and what is done to complete each duty.

List the duties from most important to least important. The total percentage of all duties performed must equal 100 percent.

Duty 1

General Summary:

Percentage: 80

Develop and teach a Machine Technology Welding curriculum including related subjects that will prepare adult learners for competitive employment.

Individual tasks related to the duty:

- Prepares lesson plans, determines instructional methods, and develops, administers and grades tests in theory and practice of a trade.
- Creates and maintains records of students' attendance, progress, attitude and accomplishments.
- Instructs students in the use of tools of the trade, the proper care and use of materials, and safety precautions.
- Individualize the curriculum and instruction to accommodate individuals with specific learning disabilities and other disability characteristics and/or having barriers to employment.
- Instructs and evaluates students in such trade techniques as welding and blueprint reading.
- Develop and implement instructional methodologies that will benefit adult learners; evaluate student performance; and develop learning strategies that will support success.
- Prepare grading report; review performance with students; and make educational recommendations.
- Maintains and controls equipment and supply inventories.
- Monitors student behavior.
- Maintains records and prepares reports and correspondence related to the work.

Duty 2

General Summary:

Percentage: 10

Participate in an interdisciplinary team designed to monitor student performance.

Individual tasks related to the duty:

- Provide the team with input on student performance; identifying competencies, analyzing and matching skills, and predicting possible employment options.
- Develop interdisciplinary strategies that will assist the student in benefiting from training, adjusting to a school environment, and managing their disability and barriers to competitive employment.
- Review program performance with student; address all student concerns.

Duty 3

General Summary:

Percentage: 5

Contribute to the ongoing development, evaluation, and improvement of the Machine Technology Training Program to ensure alignment with industry standards and workforce needs.

Individual tasks related to the duty:

- Participate in the development, review and revision of competency-based curriculum that will provide technical skills necessary for competitive employment in Machine Technology and related fields.
- Participate in annual performance goals and objectives that will support the mission of the school and the training department.
- Participate in job and task analysis of occupations related to Machine Technology services.
- Participate in Occupational Advisory Committee that will provide support and technical advise.

Duty 4

General Summary:

Percentage: 5

Other duties as assigned by MCTI management

Individual tasks related to the duty:

- Other related duties as assigned.

16. Describe the types of decisions made independently in this position and tell who or what is affected by those decisions.

Assist in determining class content and class assignments, which directly impacts on students' training and ability to obtain employment.

17. Describe the types of decisions that require the supervisor's review.

Questions related to facility policy and program direction, which will impact significantly on other programs and services.

Disciplinary actions.

Communication with outside persons, i.e., vendors, parents, other agency personnel.

Purchasing supplies.

18. What kind of physical effort is used to perform this job? What environmental conditions in this position physically exposed to on the job? Indicate the amount of time and intensity of each activity and condition. Refer to instructions.

Environmentally the work assignment is very stressful. This is due to the fact that 100% of the students are disabled and/or severely disabled by federal definition. This also includes a population of learning disabled, emotionally impaired, and mental illnesses. The teaching duties are generally one-on-one; however, between 15-20 students are assigned to the teacher. This makes it most difficult for the teacher to provide individual attention and at the same time keep the rest of the students busy.

19. List the names and position code descriptions of each classified employee whom this position immediately supervises or oversees on a full-time, on-going basis.

Additional Subordinates

20. This position's responsibilities for the above-listed employees includes the following (check as many as apply):

N Complete and sign service ratings.	N Assign work.
N Provide formal written counseling.	N Approve work.
N Approve leave requests.	N Review work.
N Approve time and attendance.	N Provide guidance on work methods.
N Orally reprimand.	N Train employees in the work.

22. Do you agree with the responses for items 1 through 20? If not, which items do you disagree with and why?

Yes

23. What are the essential functions of this position?

The Welding Instructor provides high-quality instruction and hands-on training in welding theory, processes, fabrication, and safety within the Michigan Career and Technical Institute (MCTI) Machine Technology Program. The instructor teaches technical and related subjects to help students develop competitive, job-ready skills for employment in the welding industry.

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24. Indicate specifically how the position's duties and responsibilities have changed since the position was last reviewed.

New Establishment

25. What is the function of the work area and how does this position fit into that function?

To prepare students for job placement in the Machine Technology field. This position performs the hands-on training necessary to prepare the students for placement. Teachers (instructors) must address trade and technical requirements as well as job readiness and employability skills.

26. What are the minimum education and experience qualifications needed to perform the essential functions of this position.

EDUCATION:

Possession of an associate's degree in an area of the specific trade or occupation to be taught.

EXPERIENCE:

This position has a Special Position Requirement (SPR) - A minimum of five years of work experience in welding-related functions such as construction, fabrication, inspection, or repair is required.

Alternate Education and Experience

Possession of an appropriate bachelor's degree, master's degree, or vocational teacher certification may be substituted for the education requirements.

OR

Educational level typically acquired through completion of high school and four years of experience in the skilled craft of welding pertaining to the many processes of fusion, adhesion, and cutting to fabricate or repair products used in manufacturing, research and application. may be substituted for the education requirements (subclass code TRDWELDCUT).

KNOWLEDGE, SKILLS, AND ABILITIES:

- Demonstrated proficiency in welding processes and techniques including SMAW, GMAW, GTAW, and FCAW is required.
- The ability to apply welding metallurgy and material science principles is required.
- The ability to interpret welding symbols, blueprints, and technical drawings is required.
- The ability to demonstrate effective teaching methods tailored to diverse learning styles.
- The ability to develop curriculum and lesson plans for welding education.

CERTIFICATES, LICENSES, REGISTRATIONS:

- American Welding Society (AWS) certified or willingness to become certified within one-year of hire.

NOTE: Civil Service approval does not constitute agreement with or acceptance of the desired qualifications of this position.

I certify that the information presented in this position description provides a complete and accurate depiction of the duties and responsibilities assigned to this position.

Supervisor

Date

TO BE FILLED OUT BY APPOINTING AUTHORITY

Indicate any exceptions or additions to the statements of employee or supervisors.

N/A

I certify that the entries on these pages are accurate and complete.

SARAH MCLELLAN

1/7/2026

Appointing Authority

Date

I certify that the information presented in this position description provides a complete and accurate depiction of the duties and responsibilities assigned to this position.

Employee

Date