

# 2025–2026 Welding & Manufacturing Technology Program Review

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Form: Annual Program Review

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Program: Welding & Manufacturing Technology

Year: 2025-2026

Begin Date: 01/06/2026

## A. Program Learning Outcomes

Program learning outcomes meet industry and community trends and support the mission of Mitchell Technical College.

1. Date of Review: 01/07/2026

2. Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:

Department meetings were reviewed. With the input from our advisory board, and student evaluations. Some minor adjustments were made and implemented. Program assessments were reviewed as well.

3. Outcomes are up-to-date in Coursedog and on the program's web page. Yes

## B. Course Syllabi

Course syllabi in the program include the following components (Select Yes if course syllabi include the component.):

- Course title and number — Yes
- Credit hours — Yes
- Instructor — Yes
- Instructor office hours/contact information — Yes
- Prerequisites — Yes
- Course description — Yes
- Competencies — Yes
- Required text(s) — Yes
- Grading criteria — Yes
- Freedom of expression statement — Yes
- Academic integrity policy — Yes
- ADA statement — Yes
- Nondiscrimination statement — Yes

Date of Review: 01/07/2026

Check here if syllabi are up-to-date in Courseedog. Yes

Explain which syllabi were reviewed this year; input received from advisory board, instructors, students, etc. regarding course objectives and textbooks used; and changes made, if any:

All syllabi were reviewed and no changes made with these Items!

## **C. Program Competencies**

1. Date of Review 01/07/2026

2. Explain how competencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:

Instructors met on 1.7.26 and reviewed all course competencies and updated with the input of our student evaluations and advisory board minutes. Changes made to WMT 117 include removing forklift curriculum and added more crane and rigging.

3. Competencies are up-to-date in Courseedog. Yes

## **D. Course Assessments**

Instructors in the program will a.) use a variety of assessment instruments and tools; b.) assess identified program learning outcomes and competencies; and c.) include assessment of higher-level thinking skills, such as application, analysis, synthesis, and evaluation.

1. Indicate which kinds of assessments are used in your program:

- Oral examinations/presentations — Yes
- Written essays — Yes
- Written reports — Yes
- Examinations — Yes
- Comprehensive final exams — Yes
- Journals — No
- Peer evaluations — Yes
- Self-evaluations — Yes
- Clinical/internship observations — Yes
- Class participation — Yes
- Portfolio projects — Yes
- Capstone projects — Yes
- Other projects — Yes
- Videos of student mastery — No
- Quizzes — Yes
- Lab demonstrations — Yes
- Simulations — Yes

2. Check here if assessments used in the program are matched to the outcomes/competencies for the program. Yes

3. Explain changes in the assessments used in your program since your last review (include input received and rationale):

Course finals were edited to WMT 201, format was adjusted to be more comprehensive.

4. Give examples of how assessments used in the program reflect higher-level thinking skills, such as application, analysis, synthesis, and evaluation.

Students were required to present in WMT 142 which included putting together a bid project with cost analysis for the project of their choosing.

## **E. Certifications**

If available, the program uses industry and/or program certification tests to assess student mastery of learning objectives or competencies. Verify that certifications and licensures are saved in the Industry Certifications library on your program's SharePoint page.

1. Explain any changes made or planned in the program based on assessment of industry certifications used in the program:

New welder certification changed ATF requirements are no mechanical profiling for final weld examination.

## **F. Program Internships/Externships**

If applicable, the program uses internships, externships, or on-the-job training to assess student mastery of learning objectives or competencies.

1. How do you evaluate program competencies or learning objectives during internship/externship experiences?

Communications with site manager and evaluations with site manager.

2. As you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?

Continue to monitor and evaluate. No changes at this time.

## **H. Enrollment**

Five-year data for this program will demonstrate that the program's 10-day count is at or above 75% of its enrollment cap.

Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.

Current enrollment for 2025 88%

## **I. Retention**

Five-year data for this program will demonstrate that 75% or more of enrolled students complete their program or return to MTC the following year.

Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.

Retention is currently at 83%

## **J. Graduation**

Five-year data for this program will demonstrate that 70% or more of exiting students complete this program with a diploma or degree.

Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.

Currently we are at a 83% graduation rate.

## **K. In-field Job Placement**

Five-year data for this program will demonstrate that 80% or more of graduates in the labor market obtain employment in the program field.

Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.

In field job placement is currently at 100%

## **L. Student Satisfaction**

Students in this program indicate an excellent level of satisfaction with their instruction, as demonstrated by no gaps exceeding 1.0 on questions related to instructional effectiveness on the most recent Noel-Levitz Student Satisfaction Inventory survey.

If this benchmark is not met, what strategy or strategies will be implemented to address this measure?

Not reviewed this year's cycle

## **M. Alumni Satisfaction**

Institutional surveys of alumni indicate an 80% or greater satisfaction with their career preparation in this program.

If this benchmark is not met, what strategy or strategies will be implemented to address this measure?

Not assessed this cycle

## **N. Employer Satisfaction**

Employers respond favorably 80% of the time when surveyed about the quality of this program.

If this benchmark is not met, what strategy or strategies will be implemented to address this measure?

Not assessed this cycle.

## **O. Professional Development**

Instructors in this program demonstrate a commitment to their own professional development by completing continuing education activities each year.

1. What professional development activities have instructors in this program completed in the last year?

NDT Level II Ultrasound training.

2. How were these activities used to improve this program?

Addition curriculum add for the operation of the EPOCH 650 UT.

## **P. Professional Organizations**

Instructors in this program are members of professional organizations and encourage their students to pursue such memberships.

1. Do faculty members belong to professional organizations associated with this program? Yes

If no, explain why. NA

2. Are students made aware of the professional organizations for their career field? Y

## **Q. Advisory Board Recommendations**

Suggestions and changes recommended by this program's advisory board are addressed and implemented by the program. Verify that minutes are saved in the Advisory Board Minutes library on your program's SharePoint page.

What changes were or will be made to this program based on feedback provided at the past year's advisory board meeting(s)?

Adjusting curriculum to crane and rigging classes. Possibly entrance to the Machining program at ist year.

Indicate the personnel responsible for implementing the change(s): Instructors of the program.

Implementation date: 01/11/2027

## **R. Program Improvement Plans**

As you review this past year, what changes do you propose for the next school year that will affect the program's budget?

Additional welding machines and welding Robots.

Anticipated costs: \$250,000

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