

### 1) Changes made to the Appendix A2 for **CNC Machine Operator**:

The purpose of the changes made to the Appendix A is to better align the RTI with the courses offered by TMCC and to match the needs of employers with registered apprentices' instruction.

1. Increase the minimum wage schedule from \$9.75-\$18.00 to \$15.00-\$23.00.
2. Replace **DFT 110 – Print Reading for Industry** with **MTT 120 – Technical Print Reading** to reflect current offerings at TMCC.
3. Remove **ENG xxx** as a required course. Employers do not see this as a needed requirement for this apprenticeship.

### 2) Changes made to the Appendix A3 for **Industrial Maintenance Mechanic**:

The purpose of the changes made to the Appendix A is to better align RTI with the courses offered by TMCC and to match the needs of employers with registered apprentices' instruction.

1. The required hours of OJT were reduced from 4,000-6,000 hours to 3,500-5,000 hours. This was done because the number of RTI hours were lessened due to available courses.
2. The Apprentice Wage Schedule was updated with local area minimum wages.
3. Remove the courses OSH 222 and BUS 107. OSH 222 safety information is embedded in other courses as well as in OJT. BUS 107 is not a requirement from employers any longer.
4. Remove ELM 233, ELM 129, and MTT 145 because they are no longer offered courses by TMCC.
5. Include 2 Mandatory Elective Courses that compliment the field of study with the suggestion of: MTT 140, MPT 102, MPT 120, and MPT 140.

### 3) Changes made to the Appendix A5 for **Production Operator**:

The purpose of the changes made to the Appendix A is to align to match the needs of employers with registered apprentices.

1. The minimum wage for apprentices as well as journey workers has been updated to reflect the current minimums.
2. The Work Processes Competencies were updated with the following changes at the employers' request:
  - a. B. Prepares any and all consumable materials at their station(s).
  - b. D. Perform required inspection checks on any equipment and tools that are used within their station
  - c. J. Prepare materials as needed and communicate with co-workers efficiently
3. The Course Topic Descriptions include the same courses as before with the following change: MPT 101 was added to the course list. Courses ELM 110 and MPT 140 are now listed as options for the Mandatory Elective Courses along with MPT 111. These changes are made to meet the needs of the employers.
4. The O\*NET code is updated to reflect the current code: 17-3026.00

### 4) Changes made to the Appendix A10 for **Tool and Die Maker**

The purpose of the changes made to the Appendix A is to align to match the needs of employers with registered apprentices.

1. The **hours** on the Work Process Schedule was updated to include additional topics.
2. The Course Topic Descriptions include the same courses as before with the following change:
  - OSH 222 is removed because it is covered in OJT and embedded in other courses

The following courses were changed to options for **four mandatory elective courses** based on employers' needs:

- MPT 140 – Quality Control (3 credits)
- MTT 120 – Technical Print Reading (3 credits)
- MTT 260 – Machine Shop IV (3 credits)
- MTT 292 – Computer-Aided Manufacturing I (4 credits)
- MTT 150 – Metallurgy I (3 credits)
- MTT 261 – Machine Projects (1-6 credits)
- MTT 293 – Computer Aided Manufacturing II (4 credits)
- MTT 140 – Inspection Techniques (3 credits)
- MTT 198 – Special Topics in Manufacturing (1-6 credits)

The following courses were added and included as elective courses based on employers' needs:

- WELD 211 – Welding I (3 credits)
- WELD 212 – Welding I Practice (2 credits)
- WELD 221 – Welding II (3 credits)
- WELD 222 – Welding II Practice (2 credits)

#### **5) Changes made to the Appendix A11 for CNC Programmer – Milling and Turning:**

The purpose of the changes made to the Appendix A is to better align the RTI with the courses offered by TMCC and to match the needs of employers with registered apprentices' instruction.

6. Allowed for the apprenticeship competency attainment to be between 3,500-4,000 hours.
7. Increase the minimum wage schedule from \$15.00-\$18.00 to \$15.00-\$25.00
8. Remove the course MTT 234, it is no longer offered by TMCC.
9. Replace DFT 120 – Geometric Dimensioning and Tolerance with MTT 120 – Technical Print Reading. This change better aligns the apprenticeship RTI with the Certificate of Achievement offered for the same Course of Study.