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## **Appendix A**

### **WORK PROCESS SCHEDULE AND RELATED INSTRUCTION OUTLINE**

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## Appendix A

**WORK PROCESS SCHEDULE**  
**OCCUPATION TITLE: MECHATRONICS TECHNICIAN**  
**O\*NET-SOC CODE: 49-2094.00 RAPIDS CODE: 2014**

This schedule is attached to and a part of these Standards for the above identified occupation.

### **1. APPRENTICESHIP APPROACH**

☒ Time-based

☐ Competency-based

☐ Hybrid

### **2. TERM OF APPRENTICESHIP**

The term of the apprenticeship is Competency-based, supplemented by the minimum required **596** hours of related instruction.

### **3. RATIO OF APPRENTICES TO JOURNEYWORKERS**

The apprentice to journeyworker ratio is: **1** Apprentice to **1** Journeyworker.

### **4. APPRENTICE WAGE SCHEDULE**

Apprentices shall be paid a progressively increasing schedule of wages based on either a percentage or a dollar amount of the current hourly journeyworker wage rate, which is: **\$20 per hour.**

#### **Wage Scale:**

Starting wage: \$14 per hour

2000 hours: \$15 per hour

4000 hours: \$16.50 per hour

6000 hours: \$17.50 per hour

Ending wage (8000 hours): \$19.00 per hour

### **5. PROBATIONARY PERIOD**

Every applicant selected for apprenticeship will serve a probationary period of **100** Hours.

### **6. SELECTION PROCEDURES**

*[sample basic selection procedure – each employer would include company-specific detail]*

#### **Step 1: Identification of Need**

Employer determines that they have a hiring need and develops an appropriate job description.



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### **Step 2: Job Posting**

The job opportunity is posted to using methods of the employer's choosing. This might include, but is not limited to, online job boards, workforce development agency service centers, local educational institutions, etc.

### **Step 3: Candidate Selection**

The employer will review the applications of all candidates that have applied for the open position. Candidates meeting minimum requirements may be selected for interview. The employer will conduct interviews and select the applicant who is the best fit for the open position.

### **Step 4: Offer of Employment**

Once the employer has selected their desired apprentice candidate, they will compose and make an offer of employment. If the offer is not accepted, the employer will repeat steps 2 and 3 as needed.



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**WORK PROCESS SCHEDULE**  
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| Work Process Category         | Hours             |
|-------------------------------|-------------------|
| 1. Safety                     | 200 hours         |
| 2. Preventive Maintenance     | 1500 hours        |
| 3. Documentation              | 100 hours         |
| 4. PLCs                       | 500 hours         |
| 5. Electrical                 | 500 hours         |
| 6. Mechanical                 | 500 hours         |
| 7. Troubleshooting and Repair | 3200 hours        |
| 8. Communication              | 1500 hours        |
| <b>TOTAL</b>                  | <b>8000 hours</b> |



**RELATED INSTRUCTION OUTLINE**  
**OCCUPATION TITLE: MECHATRONICS TECHNICIAN**  
**O\*NET-SOC CODE: 49-2094.00 RAPIDS CODE: 2014**

| RTI Provider | Course                                | Credit Hrs | Contact Hrs |
|--------------|---------------------------------------|------------|-------------|
| Vendor 123   | Vendor Equipment Training             | 0          | 40          |
| Company ABC  | Company History, Culture and Policies | 0          | 8           |
| Company ABC  | Company-Specific Technology           | 0          | 8           |
| College XYZ  | Introduction to Industrial Drafting   | 3          | 45          |
| College XYZ  | Machine Tool Processes I              | 4          | 60          |
| College XYZ  | AC/DC Fundamentals                    | 4          | 60          |
| College XYZ  | Introduction to CNC                   | 3          | 45          |
| College XYZ  | CNC Operations                        | 4          | 60          |
| College XYZ  | Introduction to PLC Programming       | 4          | 60          |
| College XYZ  | Advanced PLC Programming              | 4          | 60          |
| College XYZ  | Electronics                           | 4          | 60          |
| College XYZ  | Advanced Electricity                  | 4          | 60          |
| College XYZ  | Leadership and Teamwork               | 0          | 30          |
| TOTAL        |                                       | 34         | 596         |