For L&I Staff Use Only	
Recieved: L&I Tukwila, 2A March 6, 2023 SKH Rc'vd: L&I on 3/7/23 SKH	Teri Gardner 3-6-23 Teri Gardner 3-10-23
L&I Apprenticeship Consultant	L&I Admin

Department of Labor and Industries
Apprenticeship Section
PO Box 44530
Olympia WA 98504-4530

Request for Revision of Standards

TO: Washington State Apprenticeship & Training Council

FROM: **AJAC - PRODUCTION APPRENTICESHIP COMMITTEE, #1828**

Please update our Standards of Apprenticeship to reflect the following changes:

- Additions shall be underlined (<u>underlined</u>).
- Deletions shall be struck through (~~struck through~~).
- See attached.

Form must be signed by Committee Chair *and* Secretary *or* Program's Authorized Signer

☐ Chair ☒ Authorized Signer	Date 03/03/2023	☐ Secretary	Date
Print Name: Demetria L. Strickland		Print Name:	
Signature: Demetria L. Strickland		Signature:	

Approved By: **Washington State Apprenticeship & Training Council**
Signature of Secretary of the WSATC:
Date:

Attach additional sheets if necessary

FROM: **AJAC - PRODUCTION APPRENTICESHIP COMMITTEE, #1828**

Cover Page

Occupational Objective(s):	SOC#	Term[WAC 296-05-015]
CNC PROGRAMMER	**~~51-4012.00~~ 51-9162.00**	**6,000 HOURS**
PLASTIC PROCESS TECHNICIAN	**51-4061.00**	**~~8,000~~ 6,000 HOURS**

IV. TERM OF APPRENTICESHIP:

B. The term of the Machinist (Aircraft Oriented)~~,~~ and Machinist~~, and Plastic Process Technician~~ apprenticeship programs will be 8,000 hours of reasonably continuous employment.

D. The term of apprenticeship of the CNC Programmer and Plastic Process Technician apprenticeship program~~s~~ will be 6,000 hours of reasonably continuous employment.

VII. APPRENTICE WAGES AND WAGE PROGRESSION:

CNC Programmer and Plastic Process Technician

Step	Hour Range or competency step	Percentage of journey-level wage rate*
1	**0000 – 1000 hours**	**70%**
2	**1001 – 2000 hours**	**75%**
3	**2001 – 3000 hours**	**80%**
4	**3001 – 4000 hours**	**85%**
5	**4001 – 5000 hours**	**90%**
6	**5001 – 6000 hours**	**95%**

Machinist (Aircraft Oriented)~~,~~ and Machinist~~, and Plastic Process Technician~~

Step	Hour Range or competency step	Percentage of journey-level wage rate*
1	**0000 – 1000 hours**	**60%**
2	**1001 – 2000 hours**	**65%**
3	**2001 – 3000 hours**	**70%**
4	**3001 – 4000 hours**	**75%**
5	**4001 – 5000 hours**	**80%**
6	**5001 – 6000 hours**	**85%**
7	**6001 – 7000 hours**	**90%**
8	**7001 – 8000 hours**	**95%**

VIII. WORK PROCESSES:

C. Plastic Process Technician: Approximate Hours

1. **Mold Setting & Process Set Up:……..……..~~600~~ 700**
2. **Material Handling:……..600**
3. **Molding Machine Maintenance:…….....~~600~~ 300**
4. **Tool Maintenance: ..... ~~600~~ 300**
5. **Safety:..... 100**
6. **Quality Systems & Inspection: ..... ~~600~~ 500**
7. **Assembly Equipment Operation & Bench Work: ..... ~~120~~ 500**
8. **Process ~~Technology~~ Development & Documentation (Molding): . ~~3780~~ 3000**
9. ~~**Process Improvements Techniques: ..... 1000**~~

Total Hours: ~~8000~~ 6000

G. CNC Programmer **Approximate Hours**

~~**1. Establish Manufacturing Process.....2,100**~~
~~**2. Develop Tooling.....1,050**~~
~~**3. Create CNC/NC Code.....1,500**~~
~~**4. Verify Numeric Code.....550**~~
~~**5. Develop Set-up Documentation .....300**~~
~~**6. Manage Manufacturing Data.....300**~~
~~**7. Provide Customer Service.....200**~~

~~**Total Hours: 6000**~~

1. Advance CNC Set-Up & Operations (4 axis, 5 axis process).....2600
2. Material Process, Quality Assurance & Cutting Technology.....550
3. Advance Inspection, Parts finishing, Deburr & Administrative Work.....300
4. Establish Manufacturing Process / Develop Tooling.....1050
5. Create CNC/NC Code / Identify Numeric Code 1000
6. Develop Set-up Documentation / Manage Manufacturing Data 300
7. Provide Internal/External Customer Service.....200

Total Hours: 6000

IX. RELATED/SUPPLEMENTAL INSTRUCTION:

C. Additional Information:

5. All apprentices will be provided with a minimum of 144 hours of RSI per year, up to a total of:

a. 450 hours of RSI over the course of their apprenticeship for CNC Programmer and Plastic Process Technician apprentices.

c. 600 hours of RSI over the course of their apprenticeship for Machinist~~,~~ and Machinist (Aircraft Oriented) ~~and Plastic Process Technician~~ apprentices.