

## Youth Work In Trades – Training Plan Machinist

Please circle the appropriate course designation:      **11A**    **11B**    **12A**    **12B**

Student Name: \_\_\_\_\_ Grad Year: \_\_\_\_\_

Employer Name: \_\_\_\_\_ School: \_\_\_\_\_

Trade Specific Duties, Tasks:	Will observe	Will perform with assistance	Will perform	N/A
• Use applied mathematics to solve problems involving formulas, ratios, metric/imperial conversions, geometry, algebra, trigonometry, mass, area, and volume	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Interpret drawings and reference materials, i.e., machinist's handbook	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Sequence production, fabrication, and assemble components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Safely operate and maintain a wide array of shop tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tools, Equipment, Machinery Used:	Will observe	Will perform with assistance	Will perform	N/A
• Personal protective equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Hand tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Layout tools	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Power tools (e.g., drilling machines, cutting tools)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Lathes, hydraulic and arbour presses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Grinders, sanders, and polishers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Employability Skills Checklist (please check appropriate skills below):		
Fundamental Skills	Personal Management Skills	Teamwork Skills
<input type="checkbox"/> Communicate <input type="checkbox"/> Manage Information <input type="checkbox"/> Use Numbers <input type="checkbox"/> Think & Problem Solve	<input type="checkbox"/> Demonstrate Positive Attitudes & Behaviors <input type="checkbox"/> Be Responsible <input type="checkbox"/> Be Adaptive <input type="checkbox"/> Learn Continuously <input type="checkbox"/> Work Safely	<input type="checkbox"/> Work with Others <input type="checkbox"/> Participate in Projects & Tasks

Student: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Signature

Supervisor: \_\_\_\_\_ Date: \_\_\_\_\_  
Print Signature

School TNT Coordinator: \_\_\_\_\_ Review Date: \_\_\_\_\_  
Print Signature

District TNT Coordinator: \_\_\_\_\_ Review Date: \_\_\_\_\_  
Print Signature