Student <u>Max Browning</u>　　　　　　　　Teacher <u>Nathan Bushard</u>

Hardware Software Technician Evaluation Form

Rate yourself in each area by highlighting or circling the letter on the rating scale J, PA, N, E.

(J) Journeyman = Consistently and independently demonstrates skill.

(PA) Proficient = Can independently demonstrate skill.

(N) Novice = Needs minimal prompting and/or assistance to demonstrate proficiency.

(E) Exposure = Requires significant supervision to demonstrate proficiency.

Student	Teacher	Device Repair - Electronics Technician Skills
PA	PA	Through-hole and surface mount soldering techniques. Including de-soldering using wick and suction, use of differing fluxes and solders.
N	N	Proper inspection techniques for electronics to find defects, loose components, and faulty wiring and connections.
PA	PA	Stripping, splicing, and crimping techniques to create wire/cable assemblies.
N	N	Troubleshoot system and PCB level malfunctions to identify faulty PCBs or components.
N	N	Identify and source replacement components or PCBs.
N	N	Utilize electronics test equipment such as multimeters and power supplies.
PA	PA	Proper breadboarding techniques.
N	N	Use knowledge gained from AC and DC electronics theory to aid in the troubleshooting process.
PA	PA	Electronics laboratory safety procedures.
N	PA	Test electronic parts and systems using clear, step-by-step instructions.
N	N	Program microcontrollers, such as Arduino, to interface sensors and motors to complete specific tasks.
Student	**Teacher**	**Hardware/Software Technician Skills**
PA	PA	Create a properly dimensioned part in SolidWorks.
N	PA	Create a properly mated assembly in SolidWorks.
PA	PA	Problem-solve effectively using available resources (internet, AI, books, journals)
PA	PA	Test application functionality and accuracy
PA	PA	Debug and verify code
N	N	Manage data collections using appropriate structures (e.g., arrays, lists)
PA	PA	Implement classes for data organization and code reusability
PA	PA	Write object oriented code using Java

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Student	Teacher	Workplace Skills
J	J	**Teamwork**: Contributes to the success of the team, assists others, negotiates diplomatic solutions and requests help when in need
PA	PA	**Leadership**: Identifies "big picture" issues and his or her role in fulfilling and motivating others to complete the mission of the workplace or project
J	J	**Communication**: Listens, follows directions, speaks, reads, interprets, and writes effectively within the workplace setting
PA	PA	**Decision-Making**: Selects and uses various resources to analyze and resolve tasks, problems and situations
PA	PA	**Multicultural Sensitivity and Awareness**: Works well with all customers and coworkers through understanding multiple perspectives
PA	PA	**Planning, Organizing, and Management**: Organizes and implements a plan of work

Student	Teacher	Personal Skills
PA	PA	**Integrity**: Abides by workplace/school policies; demonstrates honesty and reliability
PA	PA	**Work Ethic**: Comes to work/school every day on time, is willing to take direction, and is motivated to accomplish the task at hand
PA	PA	**Professionalism**: Dresses appropriately and uses language and manners suitable to the workplace
PA	PA	**Responsibility**: Takes accountability for own actions and decisions
J	J	**Adaptability/Flexibility**: Able to change to fit new and different circumstances and environments including customers and coworkers
J	J	**Self-Motivation/Innovation**: Contributes new ideas and works with initiative

Student	Teacher	Technical Skills
J	J	**Computer and Technology Literacy**: Uses computers, file management techniques, devices, services, applications, the internet, and software/programs effectively
PA	PA	**Job-Specific Skills**: Selects and safely uses technological resources to accomplish work responsibilities in a productive manner
PA	PA	**Safety and Health**: Follows safety guidelines and manages personal health
J	J	**Service Orientation**: Identifies and addresses the needs of all customers; provides helpful, courteous, and knowledgeable service
PA	PA	**Professional Development**: Continually acquires new industry-related information, improves professional skills, and seeks promotion including preparing to apply for a job

Audit Report For Hardware Software Technician Checklist (Maxwell Browning)

Created   03/24/2025
Submission ID   P0DgGj9XEvnNO6LDyi9YvZgCpmy4nLauN8onX8lJmD8hEZQEBz

Submission History

Form submitted with Maxwell Browning (maxwellb.2026@mtchs.org) and Nathan Bushard (nathan.bushard@mtchs.org) as the signers
03/24/2025 09:11 AM - IP Address: 2600:1900:0:3508::,172.70.39.81

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03/24/2025 09:13 AM - IP Address: 2607:fb90:b786:c5d8:e954:1bea:c032:5075,172.71.151.22

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Sent to Nathan Bushard (nathan.bushard@mtchs.org) for signature
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03/24/2025 09:24 AM - IP Address: 35.212.241.227,172.68.22.106

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