Student Titus Sharkey   Teacher Nathan Bushard

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.
PA	PA	Utilize electronics test equipment such as multimeters and power supplies.
PA	PA	Proper breadboarding techniques.
E	N	Use knowledge gained from AC and DC electronics theory to aid in the troubleshooting process.
PA	PA	Electronics laboratory safety procedures.
E	PA	Test electronic parts and systems using clear, step-by-step instructions.
E	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
PA	PA	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
PA	PA	**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
J	J	**Decision-Making**: Selects and uses various resources to analyze and resolve tasks, problems and situations
J	J	**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
J	J	**Integrity**: Abides by workplace/school policies; demonstrates honesty and reliability
J	J	**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
J	J	**Responsibility**: Takes accountability for own actions and decisions
PA	PA	**Adaptability/Flexibility**: Able to change to fit new and different circumstances and environments including customers and coworkers
PA	PA	**Self-Motivation/Innovation**: Contributes new ideas and works with initiative

Student	Teacher	Technical Skills
PA	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
J	J	**Professional Development**: Continually acquires new industry-related information, improves professional skills, and seeks promotion including preparing to apply for a job

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Audit Report For Hardware Software Technician Checklist (Titus Sharkey)

Created   03/24/2025
Submission ID   PPUa0Igwnt7RB8CaAryGPrrRq1NIjmrhmG0oHiVYtMopeAoWVa

Submission History

Form submitted with Titus Sharkey (tituss.2026@mtchs.org) and Nathan Bushard (nathan.bushard@mtchs.org) as the signers
03/24/2025 09:08 AM - IP Address: 2600:1900:0:3502::1600,172.71.190.5

Sent to Titus Sharkey (tituss.2026@mtchs.org) for signature
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Email was delivered to Titus Sharkey (tituss.2026@mtchs.org)
03/24/2025 09:08 AM - IP Address: 35.212.184.209,162.158.42.210

Viewed by Titus Sharkey (tituss.2026@mtchs.org)
03/24/2025 09:09 AM - IP Address: 2607:fb91:1ee0:54e0:dc88:30f1:9c9d:f273,108.162.246.45

Signed by Titus Sharkey (tituss.2026@mtchs.org)
03/24/2025 09:17 AM - IP Address: 2607:fb91:1ee0:54e0:dc88:30f1:9c9d:f273,108.162.246.45

Sent to Nathan Bushard (nathan.bushard@mtchs.org) for signature
03/24/2025 09:17 AM - IP Address: 0.1.0.2

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Email was delivered to Nathan Bushard (nathan.bushard@mtchs.org)
03/24/2025 09:17 AM - IP Address: 35.212.237.194,172.68.22.101

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03/25/2025 02:31 PM - IP Address: 2607:fb90:b707:ac7:2056:f226:9090:ed89,162.158.41.23

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