

PINELLAS COUNTY SCHOOL BOARD  
FLORIDA

PCSB: 6515  
Pay Grade: D10

FLSA: Non-Exempt

**ELECTRONICS TECHNICIAN**

**MAJOR FUNCTION:**

Performs semi-skilled work in the maintenance, repair and installation of a wide variety of safety and non-safety related electronics equipment containing analog, digital and/or microprocessor-controlled circuitry. Assists Electronics Technician-Journeyman with major projects and performs minor repair and installation tasks with minimal supervision. Work is reviewed in progress or upon completion through observation and results obtained.

**DUTIES AND RESPONSIBILITIES:**

- Assists Electronics Technician-Journeyman in the on-site maintenance repair and installation of safety and non-safety related electronic equipment and systems including one or more, but not limited to the following: clocks, bells, and sprinkler system timers, intercoms, sound distribution equipment, closed circuit television, scoreboards, public address systems, cable distribution systems, telecommunication systems, and intrusion/security access systems.
- Assists in analog, digital and/or microprocessor-controlled equipment/systems inspections as required.
- Performs related bench repair activities such as testing, repairing and replacing defective electronic components and circuits; rebuilding printed circuit boards, soldering and de-soldering connections.
- Assists in maintenance and repair involving solid-state integrated circuit devices, electronic relays and/or signal transmitters.
- Applies knowledge of testing instruments and tools of the trade such as oscilloscopes, ammeters, voltmeters, and signal generators. Also applies knowledge of occupational hazards and safety precautions in the performance of job duties.
- Works from diagrams and sketches; carries out written and oral instructions; maintains appropriate records, such as daily work logs, as required.
- Erects and works from scaffolding where needed; climbs and works from ladders and lifts and moves equipment on a regular basis.
- Performs related work as required.

**MINIMUM QUALIFICATIONS:**

Graduation from high school or possession of a GED, plus three (3) years experience in maintenance, repair and installation of one or more of the following types of electronic equipment: clocks, bells, and sprinkler system timers; intercoms; TV and sound distribution equipment; and/or fire alarms; performing most of the above duties and responsibilities. The successful completion of up to two (2) years of verifiable formal training in the trade (vocational, military, or indentured apprentice school) may be substituted for a like amount of the experience requirement. Possession of a valid State of Florida Class E noncommercial driver's license and any other license as may be required by law.

**PREFERRED:**

Certification as an associate level Certified Electronics Technician plus three (3) years progressively responsible work experience related to the duties and responsibilities.

ISSUED: 12/79 SSN; REVISED: 8/88 PBL; BOARD APPROVED: 9/14/88; REVISED MQ'S: 2/90 MW; BOARD APPROVED: 3/14/90; MQ'S REVISED: 11/91 PBL; BOARD APPROVED: 3/25/92; MQ's REVISED: 3/1/99 AK; BOARD APPROVED: 6/15/99; REVISED WC: 5/04 LM; REVISED MF, D&R, ADDED PREF: 7/05 AK; OBSOLETE 6/30/06; REVIVED: 9/08/06

The above statements are intended to describe the general nature and level of work being performed by employees assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities and duties required of those in this classification.

## ELECTRONICS TECHNICIAN

<u>WORKING CONDITIONS &amp; PHYSICAL EFFORT:</u>	Seldom Or Never	Monthly	Weekly	Daily	Hourly
1. Lift objects weighing up to 20 pounds			X		
2. Lift objects weighing 21 to 50 pounds			X		
3. Lift objects weighing 51 to 100 pounds		X			
4. Lift objects weighing more than 100 pounds	X				
5. Carry objects weighing up to 20 pounds			X		
6. Carry objects weighing 21 to 50 pounds		X			
7. Carry objects weighing 51 to 100 pounds	X				
8. Carry objects weighing 100 pounds or more	X				
9. Standing up to one hour at a time				X	
10. Standing up to two hours at a time				X	
11. Standing for more than two hours at a time	X				
12. Stooping and bending					X
13. Ability to reach and grasp objects					X
14. Manual dexterity or fine motor skills					X
15. Color vision, the ability to identify and distinguish colors				X	
16. Ability to communicate orally					X
17. Ability to hear					X
18. Pushing or pulling carts or other such objects				X	
19. Proofreading and checking documents for accuracy		X			
20. Using a keyboard to enter and transform words or data		X			
21. Using a video display terminal		X			
22. Working in a normal office environment with few physical discomforts	X				
23. Working in an area that is somewhat uncomfortable due to drafts, noise, temperature variation, or other conditions				X	
24. Working in an area that is very uncomfortable due to extreme temperature, noise levels, or other conditions		X			
25. Working with equipment or performing procedures where carelessness would probably result in minor cuts, bruises or muscle pulls				X	
26. Operating automobile, vehicle, or van				X	
27. Other physical, mental or visual ability required by the job	X				

Electronics Technician – SEIU