



Applied Engineering & Technologies Division

## **Technical Standards for Electrical Systems Technology**

A student wishing to enroll in the Electrical Systems Technology curriculum must meet the following standards:

They must:

- Have sufficient visual capacity to read prints, schematics, other documents as well as meters and testers
- Be able to clearly distinguish all the primary colors
- Have good peripheral vision and depth perception
- Be capable of hearing tones of various pitches emitted by testers and meters
- Be capable of hearing equipment running and/or operating to determine if working correctly
- Be able to communicate with co-workers at a moderate distance without line of sight
- Be able to climb ladders up to 35' in length while carrying tools and equipment
- Be able to lift objects weighing up to 50 lbs. and install equipment overhead
- Not have a debilitating fear of heights, crawl spaces, or confined spaces
- Be capable of working with many type of tools and be able to wear a tool pouch for up to 10 hours per day
- Be able to wear hard hats, safety glasses, steel toe shoes, and other safety related equipment as required by the Industry

The electrical trade is one with many inherent risks, and safety of the employee (student) is of the utmost concern and cannot and should not be compromised just because an individual wants to go into the trade.