



Avionics Technician

Youth Apprenticeship

AVIONICS TECHNICIAN

Avionic Technician youth apprentices gain various, high-demand aircraft avionics skills. All youth apprentices must take the Aviation Maintenance Fundamentals in the first year. Apprentices must adhere to industry safety and security standards.

Length of Apprenticeship: One year. Youth apprentices must complete the Aviation Maintenance Fundamentals prior to entering the Avionics youth apprenticeship.

OCCUPATIONAL COMPETENCIES

Avionics Technician youth apprentices must complete **a total of 8** Avionics Technician competencies in year 2. Employers can substitute up to **1** competency in each year with other occupationally appropriate skills. Substitutions must be added to the competency list for assessment. Note that where necessary, skills can be simulated.

Competencies
1. Assist with maintenance of communication and navigation systems
2. Assist with building harnesses
3. Assist with troubleshooting of electronic issues
4. Assist with maintenance of aircraft instrumentation and indication systems
5. Perform routine network system maintenance
6. Monitor network performance
7. Support network upgrades and patches
8. Support maintenance of information and system security

POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. The -following is a partial list.

- Aviation Technician Powerplant
- Aviation Mechanic (Airframe)
- Information Technology (IT) Network (Avionics Technician)