

Aviation Technician- Avionics Maintenance

Program Learning Outcomes

Learning outcomes represent culminating demonstrations of learning and achievement. In addition, learning outcomes are interrelated and cannot be viewed in isolation of one another. As such, they should be viewed as a comprehensive whole. They describe performances that demonstrate that significant integrated learning by graduates of the program has been achieved.

The graduate has reliably demonstrated the ability to

1. Regulations and certification procedures. The regulatory requirements relating to the safety and airworthiness of aircraft, in their entirety or in part.
2. General aircraft maintenance (handling replenishment and minor maintenance tasks on airframes and engines).
3. Removal/installation testing, calibration, servicing, maintenance and fault diagnosis of aircraft electrical systems.
4. Removal/installation, testing, calibration, servicing, maintenance and fault diagnosis of aircraft instrument systems.
5. Removal/installation, testing, calibration, servicing, maintenance, minor repair and alteration, modification, design and installation of radio communication, radio navigation, electronic instrumentation and flight control system installations.
6. Understanding and application of rules and standards required by Transport Canada in the avionics area.