

Electronics Service Technician

Diagnose and repair the circuit boards inside machines, medical gear and industrial equipment.

TYPICAL PAY

\$55,000

a year, full time

PAY RANGE

\$37k to \$86k

starting to experienced

TIME TO QUALIFY

2 to 3 years

after high school

DEMAND

Moderate

job outlook

LICENCE NEEDED

No

anyone can do it

WHERE YOU WORK

**Repair shops, factories, hospitals,
customer sites**

How you get there

- 1 High school diploma** Grade 12
Grade 12 math and physics. Any electronics or computer tech class is a bonus.
- 2 College diploma** 2 to 3 years
Electronics engineering technician (2 years) or technology (3 years) at a college such as NAIT (Northern Alberta Institute of Technology), Algonquin, Humber, BCIT (British Columbia Institute of Technology) or Nova Scotia Community College. You learn circuits, soldering, digital...
- 3 Or apprentice in Ontario** About 3 years
Electronic Service Technician (416E) is a registered trade with on-the-job and in-school training. There is no certifying exam, so you finish with a Certificate of Apprenticeship.
- 4 First job** After graduation
Repair depots, equipment manufacturers, hospitals, broadcasters and industrial service companies hire diploma graduates directly.
- 5 Specialise** 1 to 3 years on the job
Medical, industrial, telecom or audio-visual. Manufacturer training on specific equipment is where the pay climbs.

Pros and cons

- + Two years of school, no long apprenticeship
- + Problem-solving work that changes daily
- + Paths into medical, industrial and telecom work
- Starting pay is low, especially in consumer repair
- Cheap electronics get replaced, not repaired, which shrinks some work
- Field service means driving, travel and on-call

Optional boosts

Biomedical equipment. Industrial and automation. Telecom and broadcast. Technologist upgrade.

Good to know

Repair is a right, slowly

Canada amended its copyright law in 2024 so that breaking digital locks to diagnose, maintain or repair a product is no longer illegal. It is a small step toward the right-to-repair rules that technicians have a...

A trade with no exam

Ontario registers Electronic Service Technician as an apprenticeship, but it has no certifying exam. That makes it one of the few registered trades where the diploma route and the apprenticeship route end in...

Where these numbers come from

Job Bank: Electronic service technicians, wages (updated Nov 2025)

Skilled Trades Ontario: Electronic Service Technician (416E)

NAIT (Northern Alberta Institute of Technology): Electronics Engineering Technology

Numbers checked September 2026. Pay figures are typical full-time annual amounts in Canadian dollars, based on Government of Canada Job Bank wage data and published salary grids. They vary by province, employer and experience. Tuition is for domestic students. Sources, links and the click-through version: <https://career.help/ca/careers/electronics-service-technician>



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