

ELECTRONICS TECHNICIAN

Nature of work

The principal and customary work of the employee in this employment class consists in carrying out various technical duties related to the maintenance, calibrating, repair, alteration and installation of systems, equipment, instruments and electronic, electromechanical and data processing devices.

Required qualifications

Schooling

To have a diploma of college studies in an appropriate specialty or a diploma or an attestation of studies which is recognized as equivalent by the competent authority.

Some characteristic duties

The employee in this employment class verifies the electronic, electromechanical and data processing equipment of the college. He identifies defects and carries out the required repairs; he modifies or combines equipment for specific needs; he chooses the parts to be used considering the cost and the performance of the equipment and orders them, if necessary.

He installs, repairs or alters internal communication or alarm systems such as interphones, anti-theft device systems, etc. He keeps in good order, repairs, alters and installs measurement instruments by way of calibrating, alignment, adjustment, etc.

He prepares diagrams and, if need be, plans and specifications of work to be done. He may be called upon to check the quality of the work contracted out in the electronics field. He may also advise on the quality of the equipment and systems installed or to be purchased (testing, specifications, etc.) He keeps in good order all tooling placed at his disposal. He keeps an inventory of parts, he prepares reports on the maintenance and repair of equipment. As part of his duties, he may provide technical help to the users.

He is called upon to coordinate the work of support personnel involved in technical operations or programs for which he is responsible and to train less experienced personnel.

If need be, he performs any other related tasks.