

1.1.4 LABORATORY TECHNICIAN

Nature of the work

The principal and customary work of an employee in this class of employment consists in assisting teachers and students in preparing, presenting, supervising and evaluating laboratory and shop work. In addition, he or she may be required to perform the duties of laboratory attendant.

The role also consists in ensuring, in conjunction with teachers, that students respect safety rules during laboratory work, that they use the material appropriately and that they apply the appropriate techniques.

Characteristic functions

In conjunction with teachers, the employee in this class of employment demonstrates, gives instructions, advises, guides and oversees students in carrying out laboratory work. He or she ensures that students follow the instructions given and respect the safety rules when using material placed at their disposal, including hazardous products, tools and machinery. He or she participates in evaluating the students' work. He or she performs the duties of monitor or tutor.

He or she works with teachers to prepare the schedule of laboratory work and the use of premises, material and equipment. If need be, he or she tests and modifies projects for students and may find new ones. He or she prepares the material, chemical or other products and equipment required to carry out the laboratory work planned.

He or she participates in selecting apparatus, tools, machinery and instruments; calibrates and maintains them and ensures their repair; keeps an inventory of materials and products; prepares purchase orders or carries out the purchases required for laboratory work; he or she may monitor the budget allocated to his or her sector.

He or she ensures, according to standards, identification, use, storage and disposal of hazardous products.

He or she may participate in organizing exhibits.

He or she may be required to use a computer and the necessary software to perform his or her duties; conducts research on the Internet and may be required to assist a staff member with software specific to his or her sector of activity.

He or she may be required to train less experienced technicians as well as coordinate the work of support staff in performing the duties related to the implementation of programs involving technical operations for which he or she is responsible.

If need be, he or she performs any other related duty.

Required qualifications

Schooling

Hold a Diploma of College Studies in an appropriate technical program for the class of employment or a diploma or an attestation of studies recognized as equivalent by the competent authority.