

Biological Sciences Technician I

DEFINITION

This is specialized interpretive/technical work involved in the implementation and development of various departmental biological sciences programs and services

Employees of this class monitor field, laboratory and services or program procedures; identify servicing problems; oversee control measures and provide supervision in facility, field and laboratory settings. Work includes considerable interdepartmental/public contact in the explanation of service rendered and/or the promotion of displays and programs.

The work is performed under general supervision and is reviewed by supervisors through consultation, discussion and observation of field work.

This class is distinguished from the Biological Sciences Technical Assistant level in that employees exercise greater scientific observation and control of methodology testing; provide supervision; exercise more initiative and imagination in the performance of duties and ensure the proper presentation and dissemination of information to the general public, facility users and others.

TYPICAL DUTIES*

Implements various scientific methodologies and control procedures in field, laboratory and presentational settings.

Monitors and participates in the completion of programs and facility services.

Completes taxonomy of species in the specific area of specialization.

Supervises subordinates in the performance of a broad range of program duties.

Oversees the testing of numerous chemicals in civic pest abatement programs.

Gives advice to the general public on the correction of problems encountered with pest species.

Reviews technical content of material prepared for brochures, pamphlets, etc.

Organizes and catalogues inventories, collections, displays for instructions or record keeping purposes.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of scientific methodology, material and practices within the specific area of specialty.

Knowledge of techniques of control and growth of species related to the work assigned.

Knowledge of current literature, trends and developments.

Ability to meet and deal effectively with the public, facility users, civic personnel and others.

Ability to express ideas effectively, orally and in writing.

Skill in the planning and presentation of nature/scientific programs and information.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

University graduation in the biological sciences with major course work in a particular area of specialization and a minimum of two (2) years' related experience. Applicant(s) must possess a valid Alberta driver's license.

-or-

A completion of a two (2) year diploma in biological sciences or educational equivalent and a minimum of four (4) years' experience. Applicant(s) must possess a valid Alberta driver's license.

** This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*