

**The University of British Columbia
STANDARD JOB DESCRIPTION**

Job Title: Engineering Technician 2

Level Definition:

Positions at this level are junior working level engineering technicians with continued training and development and are responsible for technical support associated with the design, development, fabrication, modification and operation of scientific and engineering equipment and instrumentation for teaching and research purposes; work at this level involves safely performing a variety of standard procedures and applying engineering skills.

Typical Duties:

Under general supervision and from procedures and techniques outlined, performs one or more of the following:

Performs bench and machine operations of a semi-precision nature utilizing shop equipment and tools and precision measuring instruments.

Assists and participates in the design, development, maintenance, modification and operation of components, devices and equipment fabricated from ferrous, non-ferrous and uncommon materials as well as the development, fabrication and modification of such systems as mechanical, electrical, electronic, and optical, electromechanical, vacuum, and woodworking.

Prepares layouts, devises and constructs circuitry, tests, calculates, installs and modifies equipment as required.

Performs fitting and assembly, soldering, welding, glassblowing, heat-treating, machining.

Demonstrates to users the operation of equipment and instrumentation as required.

Carries out any other related duties as required in keeping with the qualifications and requirements of positions in this classification.

Decision Making/Accountability:

Works within well defined guidelines and procedures, but is expected to exercise some initiative and judgment in establishing priorities and carrying tasks through to completion; new or unusual problems are referred to supervisor.

Supervision Received:

Works usually from specific instructions and specifications provided but may involve exercising some judgment; routine assignments are not generally checked while complex assignments are subject to check and supervision.

Supervision Exercised:

None but may be required to demonstrate and show the operating sequences of equipment and instrumentation to users.

Minimum Qualifications:

Graduation from a technical college or institute and a minimum two years of related experience, or an equivalent combination of education and experience.

Specific “abilities”, “knowledge” and “experience” required for the position are outlined in the position description.

This standard Job Description is for classification purposes only, and is not a position description. Standard Job Description qualifications represent the amount of education and experience typically required for full performance on the job, and is outlined for classification and compensation purposes. Note that specific “abilities”, “knowledge” and “experience” required for the job should be outlined in the position description and posting, but are not specified in the Standard Job Description.