

Benefits

Biomedical Engineering Technologists and Technicians are recognized across North America as individuals who have demonstrated a standardized level of competency in the theory of operation, physiological principles, and the safe application of clinical technology in the healthcare environment.

How can pursuing certification benefit you?

From a professional aspect, typical benefits include opportunities for career advancement, increased levels of employee benefits, and higher pay scales. Educational institutions have also recognized certified members by granting advanced standing status with program enrollment.

At the personal level, certification demonstrates that you have a strong sense of pride and commitment to this unique career path, and ultimately, you will achieve an increased level of credibility and respect from your customers.

Prerequisites

The basic eligibility requirement for being examined for biomedical engineering certification in Canada is the applicant's active registration with their Provincial association as a Certified Engineering Technologist (CET), Applied Science Technologist (AScT), or Certified Technician (CTech).

1.

The applicant shall have a minimum of 3 years practical experience as a biomedical engineering technologist or technician in a clinical/hospital environment. Applicants who are graduates of a recognized biomedical post-secondary program accredited by the Canadian Technology Accreditation Board (CTAB), and/or recognized by the Board, will be allowed to count a maximum of 1-yr internship period as part of the 3 year requirement.

2.

It is not necessary that the applicant be currently employed by a hospital, but it is required that the applicant has the above experience.

3.

The applicant shall submit the names of at least 5 references for the biomedical engineering technologist/technician. These references must be healthcare professionals who are familiar with the individual's competence in the following areas:

Technical ability

Clinical experience interfacing with physicians

Clinical experience interfacing with nursing staff

Two others who have knowledge of the candidate's work experience.

The names of references are requested on the application form. Confidential questionnaires will be sent to the referees by the Secretariat. These forms are returned directly to the Secretariat.

Exam Format

The BMET examination is divided into 2 parts. The first section is in multiple-choice format and includes 5 sections that cover the following areas:

Anatomy & Physiology

Electronics

Medical Instrumentation

Troubleshooting

Canadian and other recognized standards

The second section contains Essay questions pertaining to the practice and organizational management of Biomedical Engineering Programmes.

Exam Schedule

Certification Examinations are arranged on an as needed basis. Examination proctors are engaged at a location close to the candidate's home, or work. The time and date of an examination is negotiated between the candidate and the proctor. Once the mutually agreeable date has been set, the Board of Examiners' Secretariat prepares the examination documents and has them shipped to the proctor in good time for the examination. The candidate's examination results are usually available within four to six weeks of writing.

Study Aids

A Study Guide is available that includes a suggested reading list and a "mini-exam". The mini-exam covers all sections of the typical examination and allows the prospective candidate to get a feel for the style and types of questions that would be included in the real examination.

Answers to questions are included as a means of self testing your readiness to write the examination. The Study Guide is available for download under the documents page.

Apply For Certification

To initiate the application process, please download and complete the Information and Application form from the Documents page. Mail the completed application form to the address below:

BMET Certification Canada

bmetcertcanada@ncf.ca