

COMPARATIVE TABLE: TECHNICIANS & TECHNOLOGISTS

Area of Comparison	Technician	Technologist
<p>Certification requirements:</p>	<ul style="list-style-type: none"> • Diploma from a recognized college/institute of technology in an applied science or engineering technology program accredited by the Canadian Technology Accreditation Board (CTAB) at the <i>technician level</i>, or equivalent as determined by CTTAM's Panel of Examiners; OR Successful completion of an appropriate CTTAM reclassification program • <i>No technical report required</i> • Minimum of two years of approved technical experience • Professional references • Completion of CTTAM's Professional Practice Exam 	<ul style="list-style-type: none"> • Diploma from a recognized college/institute of technology in an applied science or engineering technology program accredited by the Canadian Technology Accreditation Board (CTAB) at the <i>technologist level</i>, or equivalent as determined by CTTAM's Panel of Examiners; OR Successful completion of an appropriate CTTAM reclassification program • <i>An acceptable technical report</i> • Minimum of two years of approved technical experience • Professional references • Completion of CTTAM's Professional Practice Exam
<p>Typical training programs:</p>	<p>Contains all generic outcomes and five discipline-specific outcomes from the National Technology Benchmarks for Technician.</p>	<p>Contains all generic outcomes of which one is a Technical Report and five discipline-specific outcomes from the National Technology Benchmarks for Technologist.</p>
<p>Designation:</p>	<p>Bound by a professional code of ethics, and is <i>recognized by the designation Certified Technician (C. Tech.)</i></p>	<p>Bound by a professional code of ethics, and is <i>recognized by the designation Certified Engineering Technologist (C.E.T.) or Applied Science Technologist (A.Sc.T.)</i></p>
<p>Typical scope of work:</p>	<p>Works under general supervision</p> <p>Typical duties include:</p> <ul style="list-style-type: none"> • inspection • troubleshooting • repair • testing • reporting • maintenance • estimating • calibration • drawing preparation • production control • construction supervision • operations • installation • sampling/testing • quality control • modeling • data compilation • sales • surveying • Examines assignments, objectives and instructions to select procedures and actions to resolve the assigned problem • Duties are usually in a specific area of specialization 	<p>May work independently or under general direction</p> <p>Typical duties include:</p> <ul style="list-style-type: none"> • designing equipment/processes • analysis • resolve problems • carry out studies • interpret/evaluate situations and/or data • specify tests • develop prototypes • operate pilot plants/projects • prepare specifications • troubleshoot complex equipment • develop solutions • project management • write reports • quality control • scheduling/planning • co-ordination of work • design drafting • preparation of estimates • Applies applied science, information and/or engineering principles based on a comprehensive understanding of a specific technology to resolve problems • May assume managerial or administrative responsibility for a wide range of technical endeavours, and may supervise and co-ordinate a diverse working group and train less experienced technical and professional

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For a detailed description, review the Canadian Council of Technicians & Technologists (CCTT) approved [Technician & Technologist Profiles](#).