



***At the time of application for registration as a professional, applicants must be working in accordance with the applicable Professional Profile. The work experience must be related to the discipline of academic training***

**COMPARISON BETWEEN TECHNOLOGISTS AND TECHNICIANS (Note: Areas of difference in bold type)**

Comparison Areas	Applied Science Technologist	Certified Technician
<b>Registration Requirements:</b>	<ul style="list-style-type: none"> <li>Saskatchewan grade 12 diploma or equivalent</li> <li><b>Diploma</b> from an applied science or engineering technology program of <b>two or more years</b> that is recognized by Technology Professionals Saskatchewan, or equivalent academics that have been assessed against Technology Professionals Saskatchewan registration requirements and approved by Technology Professionals Saskatchewan's Examination Board; <b>OR</b></li> <li>Successful completion of an appropriate Technology Professionals Saskatchewan reclassification program</li> <li><b>An acceptable technology report or thesis</b></li> <li>Minimum of two years of approved technical experience</li> <li>Professional references</li> <li>Completion of Technology Professionals Saskatchewan's Professional Practice and Ethics Examination</li> </ul>	<ul style="list-style-type: none"> <li>Saskatchewan grade 12 diploma or equivalent</li> <li><b>Certificate</b> from an applied science or engineering technology program of <b>one or more years</b> that is recognized by Technology Professionals Saskatchewan, or equivalent academics that have been assessed against Technology Professionals Saskatchewan registration requirements and approved by Technology Professionals Saskatchewan's Examination Board; <b>OR</b></li> <li>Successful completion of an appropriate Technology Professionals Saskatchewan reclassification program established by Technology Professionals Saskatchewan Examination Board</li> <li><b>No technology report or thesis required</b></li> <li>Minimum of two years of approved technical experience</li> <li>Professional references</li> <li>Completion of Technology Professionals Saskatchewan's Professional Practice and Ethics Examination</li> </ul>
<b>Typical Training Programs:</b>	<ul style="list-style-type: none"> <li>Registration requirements includes <b>21</b> areas of study in technology related courses, including all generic competencies, and at least 6 technology major competencies outlined in the Technology Professionals Saskatchewan</li> </ul>	<ul style="list-style-type: none"> <li>Includes <b>12</b> areas of study in technology related courses, including all generic competencies and at least 5 technician major competencies outlined in the Technology Professionals Saskatchewan registration requirements</li> </ul>
<b>Professional Designation:</b>	<ul style="list-style-type: none"> <li>Bound by Technology Professionals Saskatchewan Code of Ethics and Practice Guidelines, and is recognized by the designation Applied Science Technologist (A.Sc.T.)</li> </ul>	<ul style="list-style-type: none"> <li>Bound by Technology Professionals Saskatchewan Code of Ethics and Practice Guidelines, and is recognized by the designation Certified Technician (C.Tech.)</li> </ul>
<b>Typical Scope of Work:</b>	<ul style="list-style-type: none"> <li>May work independently or under general direction</li> <li>Typical duties include: <ul style="list-style-type: none"> <li>Analysis</li> <li>Project management</li> <li>Carry out studies</li> <li>Prepare specifications</li> <li>Design modeling</li> <li>Resolve problems</li> <li>Designing equipment / processes</li> <li>Operate pilot plants / plants</li> <li>Develop prototypes</li> <li>Scheduling / planning</li> <li>Develop solutions</li> <li>Specify tests</li> <li>Estimating</li> <li>Supervision</li> <li>Inspect / Plan</li> <li>Write reports</li> <li>Interpret / evaluate situations / data</li> <li>Interpret quality control</li> <li>Numeric / spacial Modeling</li> <li>Troubleshoot complex equipment</li> </ul> </li> <li>Applies engineering principles based on a comprehensive understanding of a specific technology to resolve problems</li> <li>May assume managerial or administrative responsibility for a wide range of technical endeavors, and may supervise and coordinate a diverse working group and train less experienced technical and professional staff</li> </ul>	<ul style="list-style-type: none"> <li>May works under general supervision and assists other employees</li> <li>Typical duties include: <ul style="list-style-type: none"> <li>Calibration</li> <li>Model preparation</li> <li>Conduct quality control tests</li> <li>Operations</li> <li>Construction supervision</li> <li>Production control</li> <li>Data compilation</li> <li>Repair</li> <li>Design drafting</li> <li>Reporting</li> <li>Drawing preparation</li> <li>Sales</li> <li>Estimating</li> <li>Sampling / testing</li> <li>Inspection</li> <li>Surveying</li> <li>Installation</li> <li>Testing</li> <li>Maintenance</li> <li>Troubleshooting</li> </ul> </li> <li>Examines assignments, objectives, and instructions to select procedures and actions to resolve the assigned problem</li> <li>Duties are usually in a specific area of specialization</li> </ul>