

Technical Specialist Careers

CONSIDER THESE CAREERS IF YOU LIKE...

- Science and math
- Hands-on work
- Problem solving
- Outdoor work
- Work in many locations

A TECHNICAL SPECIALIST IS...

Someone who helps with projects by being an expert in a specific technology. They develop technical solutions to problems, often as a member of a team. They do three months or less post-secondary training, so they get to start getting work experience right away.

TECHNICAL SPECIALIST CAREERS



CONSTRUCTION SAFETY OFFICERS

Implement plans and oversee the safety of workers, the public and the environment at construction sites, and industrial facilities.



FIRE PROTECTION TECHNICIANS

Test and inspect fire protection and life saving equipment in buildings such as apartments, police stations and airports.



HOUSE AND PROPERTY INSPECTORS

Identify issues in a house to help a buyer identify problems before they make a purchase.



ONSITE WASTE WATER PRACTITIONERS

Design, install, inspect, maintain, and repair onsite wastewater systems.



PUBLIC WORKS TECHNICIANS

Conduct repairs and maintenance of roads, buildings, parks, water supply, and other utilities.



UNDERGROUND UTILITY LOCATION TECHNICIANS

Map locations using high tech equipment, mark utilities, and document the results.

EDUCATION REQUIREMENTS

HIGH SCHOOL

- ✓ High school diploma with English 12

POST-SECONDARY

Depending on the specialist category, training can be any combination of the following:

- Course(s) at an accredited institution
- Professional exam(s)
- Work experience

NOTE: Program admissions vary by school. Check with your advisor for specific requirements.



MORE RESOURCES

CONSUMER PROTECTION BC

consumerprotectionbc.ca

NATIONAL FIRE PROTECTION ASSOCIATION

nfpa.org

PUBLIC WORKS ASSOCIATION OF BC

pwabc.ca

WCOWMA WESTERN CANADA ONSITE WASTEWATER MANAGEMENT ASSOCIATION OF BC

wcowma-bc.com

ABOUT WWEST

Westcoast Women in Engineering, Science and Technology (WWest) is the operating name for the 2015-2020 NSERC Chair for Women in Science and Engineering (CWSE), BC and Yukon Region. Our mission is to engage industry, the community and students to increase the awareness and participation of women and other under-represented groups in Science, Technology, Engineering, and Mathematics (STEM) fields of study and careers. WWest works regionally and, in conjunction with the other CWSE Chairs, nationally on policy, research, advocacy, facilitation, and pilot programs that support women in science and engineering.

Chairholder: Dr. Lesley Shannon

Dr. Lesley Shannon P.Eng is a Professor and Chair for the Computer Engineering Option in the School of Engineering Science at Simon Fraser University. Dr. Shannon studies computer systems design. She works in a rapidly growing field that combines custom computing hardware and software to design and implement application-specific computer systems for applications in a wide range of areas including robotics, machine learning, aerospace and biomedical systems, multimedia applications, and cloud computing.



[@WWest.sfu](https://www.facebook.com/WWEST.sfu)



[@WWest_sfu](https://twitter.com/WWEST_sfu)



[@WWest_sfu](https://www.instagram.com/WWEST_sfu)



[Westcoast Women in Engineering,
Science, and Technology](http://www.wwest.ca)

The Applied Science Technologists and Technicians of British Columbia (ASTTBC) is the provincial regulatory body responsible for advancing regulation, certification and recognition for applied science technologists, technicians and technical specialists in BC and the Yukon. ASTTBC is committed to protecting public interest and safety by ensuring its registrants contribute to a secure, healthy and sustainable society and environment. ASTTBC collaborated with WWest on this publication as part of the Advancing Women in Engineering and Technology Project, a Sector Labour Market Partnership project, funded through the Canada-BC Workforce Development Agreement.

 Canada

 BRITISH
COLUMBIA

Funding provided through the Canada-British Columbia
Labour Market Development Agreement.

For more information: asttbc.org



@ASTTBC



ASTTBC Technology
Professionals