Exploring Career Alternatives in the Technology Sector through ASTTBC

Presented by:

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Hosted by:  BC Centre for Employment Excellence

The webinar will begin shortly.
Welcome & Agenda

Agenda
5 mins   Welcome & Introductions
45 mins  Presentation by Jacqueline de Raadt and John Coward
10 mins  Q&A

We encourage you to ask questions! We will address them during and after the presentation. To submit a question:
- Use the “Questions” tab at the right of your screen (at any time during the presentation.)
Exploring Career Alternatives in the Technology Sector through ASTTBC

Jacqueline de Raadt
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December 16th, 2015
Presentation: Overview

This presentation offers an overview of ASTTBC, potential career opportunities for your clients and the services we offer.

- **Who** is ASTTBC?
- **Why** Technology careers?
- **What** are the employment opportunities in the Tech Sector?
- **Where** to begin?
- **How** can we help?
Who are we? : www.asttbc.org

Applied Science Technologists, Technicians & Technical Specialists of British Columbia (ASTTBC)

- Protect public interest.
- Register and regulate technologist, technicians and technical specialists in BC.
- 10,500+ members and one of BC’s largest professional associations.
- Known for high standards, addressing skills shortages, and promoting technology careers.
- Membership opens doors to networking, mentorship and career opportunities.
Affiliated Organizations

- ITTP - Internationally Trained Technology Professionals BC
- BC Women in Technology
- First Nations Career Council
Networking Partnerships

- Immigrant Employment Council of BC (IECBC)
- Technology Education and Career Council (TECC)
- Society of Internationally Trained Engineers of BC (SITE BC)
- Society of Punjabi Engineers and Technologists of BC (SPEATBC)
- Association of Consulting Engineering Companies in BC (ACEC CBC)
- Association of Professional Engineers and Geoscientists of BC (APEGBC)
Technology Sector

Employment in the Technology sector in BC is the second fastest growing sector after construction.

- In 2012, approximately 150,000 British Columbians worked in “high technology” occupations.
- In 2007, the technology sector produced $18.1B in revenues with $2.7B (18%) derived from export revenues.
- The sector accounted for about 5.9% of GDP in 2007, and more significantly it outperformed GDP growth in the overall economy.
- It is a current and future key contributor to BC’s economy and growth. Our members include approx. 28-30 NOC codes.
Technology Careers: Hot Jobs

ASTTBC recently released a labor market study undertaken with APEGBC, ACEC-BC, and APGST projecting in-demand skills and labor shortages to 2024.

- **31,000 job openings by 2024.**
- **31 occupations, including engineering and technology professionals.**
- The study concludes “part of the solution to fill significant job vacancies over the next 10 years includes employing immigrants and workers who are new to the workforce.”
Labour Force Supply: All Eng., T&T Occupations, British Columbia, Moderate Development Scenario

- Base Supply
- Mobility
- Occupational Mobility
- Immigration
- New Entrants
- Demand
Skills Shortages

- The **31,000** new openings expected by 2024

- Demand for new talent is higher than the **output** of BC’s post-secondary institutions.

- **Youth, foreign-trained workers** and **unemployed** in the current labour force are three key sources to creating and developing a workforce to help address this skills shortage.
Do you have clients who have talent, a natural ability, or enjoys and is interested in . . .

- How things work and using their hands
- Using tools or equipment
- Doing simple calculations to solve problems
- Working in various locations and settings
Technology Jobs: 19 Disciplines

ASTTBC registers and certifies a wide range of AScT and CTech Disciplines.

- Biological Sciences
- Biomedical Engineering
- Building
- Chemical
- Civil
- Electrical
- Electronics
- Environmental
- Forest Engineering
- Gas & Petroleum
- Geomatics
- Industrial Technology
- Information Technology
- Instrumentation
- Mechanical
- Metallurgical
- Mining
- Marine systems
Technical Specialists: 10 Disciplines

ASTTBC registers and certifies a wide range of Technical Specialist.

- Construction Safety
- Fire Protection
- House & Property Inspection
- Onsite Wastewater
- Public Works Inspector
- Steel Detailing
- Building Design
- Site Improvement Survey
- Underground Utility Locator
- Electrical Work Practitioner
Specialized Support

ASTTBC created a number of online tools designed to support both PLAR and FCR assessments as well as Job Search.

Technology Registrations Canada

https://www.technologyregistrationscanada.ca

Clients registered account:
- Poses questions
- Guides responses
- Determines eligibility
- Provides feedback
- Offers recommendations
- Encourages application for certification
International Technology Education Recognition
http://www.iteched.org/

The ITER provides Provincial Registrars with a searchable database of Technology Education programs that have been assessed as substantially meeting academic requirements for certification in Canada of technology professionals. The database includes:

- 537 programs
- 414 institutions
- 311 cities
- 79 countries.
Online Job Board

ASTTBC's TechJOBS is an online job posting service where job seekers can find employment opportunities in the Tech Sector from municipalities, corporations, and small to medium sized businesses across BC.

Link: [http://www.asttbc.org/services/jobpostings.php](http://www.asttbc.org/services/jobpostings.php)
Career Planning & Job Search Strategies

ASTTBC's Career Planning and Job Search Strategies website has been designed to assist individuals who are looking for work, considering a career change or wanting to advance their career to the next level.

Link: http://careers.asttbc.org
Job Maintenance Support

ASTTBC staff are available to provide additional services related to job maintenance support – specifically designed for jobs in the tech sector.

- **One-to-one support** (face to face, email, and telephone)
- **Job coaching**
- **Access to mentoring opportunities**
ASTTBC Services

ASTTBC is establishing service delivery partnerships with WorkBC Centres and other employment programs across BC to provide services to clients interested in pursuing careers in the Tech sector. These services include:

- **Staff training workshops** (current LMI on the tech sector)
- Referral of clients for **PLAR and FCR assessments**
- **Supported client workshops** (face to face/online)
- Job search, job development, and job maintenance **support services**
- **Guide to ASTTBC Services**
I look forward to working with you…

to create positive employment outcomes for your clients!

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Questions and Discussion

To submit your question:

- Please use the “Questions” tab on the GoToWebinar panel (at right of screen.)
Upcoming Webinar

Translating Aboriginal Traditions to Employment

• Tuesday, January 19th, 11:30am to 1:30pm PST

• More information and registration link available soon at www.cfeebc.org and in the follow-up email.
Thank you for attending today!

Continue the conversation at www.cfeebc.org.