



Technology
Accreditation
Canada

Agrément en
Technologie du
Canada

2018

Annual Report

Prepared: February 4, 2019

2018 Highlights

- A year of reaching critical mass
- 29 programs accredited, bringing the total to 55
- Number of trained auditors grew to 109
- Number of lead auditors grew to 12
- Launched automated forms system
- Significant progress on key national standards issues
- Discussions with CCTT regarding one national accrediting body



Accreditation certificate presentation
at Okanagan College for Civil
Engineering Technology, Water
Engineering Technology, Mechanical
Engineering Technology and Electronic
Engineering Technology programs

KPIs

KPI	Progress
1. 36 programs accredited	<ul style="list-style-type: none">• 29 programs• 36 programs audited
2. Secure 3 customers whose programs have not been previously accredited	<ul style="list-style-type: none">• No “new” customers were acquired
3. Minimum 2 trained auditors in each discipline for applications on hand	<ul style="list-style-type: none">• Achieved
4. Increase number of lead auditors to 10	<ul style="list-style-type: none">• 12 lead auditors on registry
5. 95% of accreditation timelines met	<ul style="list-style-type: none">• 88% of timelines met (175 of 199 metrics)
6. “Exceed customer expectation” rating 95% of accreditations	<ul style="list-style-type: none">• 100%, 2 surveys received with “exceeded customer expectation” rating
7. Launch automated accreditation forms by June 30	<ul style="list-style-type: none">• Automated forms launched October 24
8. Publish 8 revised CTAC	<ul style="list-style-type: none">• Rescheduled to 2019
9. Not to exceed budget.	<ul style="list-style-type: none">• Realized modest net profit

Other Measurables

- Average of 164 days to conduct an accreditation, compared to 118 in 2017 (posting of the self-assessment package to the communication of the accreditation decision)
- 77% of trained auditors have participated in at least one audit (up from 61% in 2017)
- 16 female auditors (15% of auditor pool)

Core Strategies

1. Enhance customer and stakeholder value through innovative services
2. Provide leadership through knowledge and resources
3. Excellence in execution, rooted in continuous improvement
4. Achieve greater financial sustainability



Accreditation certificate presentation at Yukon College for Geological Technology program

Key Priorities

1. Enhance customer and stakeholder value through innovative services

Priority	Status
a. Conduct accreditations	<ul style="list-style-type: none">• See following pages.
b. Launch a promotional campaign to promote the value of accreditation	<ul style="list-style-type: none">• Distributed “student accreditation value” flyer and poster.
c. Deliver key messages to audiences through our communication vehicles and other mediums	<ul style="list-style-type: none">• 64 posts on website.• Provided content to PPAs for their publications.• Issued 8 news releases.
d. Provide content on industry topics and best practices	<ul style="list-style-type: none">• No activity during this period.
e. Provide customers with National Accredited Program logo to promote accredited programs	<ul style="list-style-type: none">• Provided to Okanagan College, Sask Polytech, NAIT and Yukon College.
f. Pursue international recognition benefit for graduates of TAC accredited programs	<ul style="list-style-type: none">• Connected to discussions with CCTT.

Key Priorities

1a. Conduct accreditations

2018

	AB	BC	ON	SK	Total
Accredited programs	7	5	3	14	29
Accreditations in progress	10	1	7		18
Applications received	4	2			6

Cumulative

	AB	BC	ON	SK	Total
Accredited programs	18	6	16	15	55
Accreditations in progress	10	1	7		18
Applications received	7	3	27		37
Total	35	10	50	15	110

Key Priorities

1a. Conduct accreditations – Accredited Programs

Educational Institution	Program
Centennial	Electronics Engineering Technician, Environmental Technician, Food Science Technology
Lethbridge	Geomatics Engineering Technology
Okanagan	Mechanical Engineering Technology, Electronic Engineering Technology, Water Engineering Technology, Civil Engineering Technology
NAIT	Electronics Engineering Technology, Biomedical Engineering Technology, Chemical Technology, Geological Technology, Electrical Engineering Technology
SAIT	Civil Engineering Technology
Yukon	Geological Technology



Accreditation certificate presentation at NAIT for Geological Technology, Biomedical Engineering Technology, Electrical Engineering Technology, Chemical Technology and Electronics Engineering Technology programs

Key Priorities

1a. Conduct accreditations – Accredited Programs

Educational Institution	Program
Sask Polytech	CAD/CAM Engineering Technology, Telecommunications Networking Technician, Bioscience Technology, Geomatics and Surveying Engineering Technology, Chemical Technology, Civil Engineering Technologies, Mechanical Engineering Technology, Electronic Systems Engineering Technology, Engineering Design and Drafting Technology, Computer Engineering Technology, Architectural Technologies, Electrical Engineering Technology, Instrumentation Engineering Technology, Environmental Engineering Technology



Accreditation certificate presentation at Saskatchewan Polytechnic for programs listed above

Key Priorities

1b. Launch a promotional campaign to promote the value of accreditation

**GEOMATICS AND SURVEYING
ENGINEERING TECHNOLOGY**

**YOUR PROGRAM
IS NATIONALLY ACCREDITED!**

WHAT DOES IT MEAN?

An independent team of registered professionals has performed an extensive audit and determined your program meets the educational standards of Canada's engineering technology and applied science profession.

BENEFITS

Graduating from a national accredited program

- 1 Gives you confidence the knowledge and skills you've learned in your program are valued by employers.
- 2 Creates an expedited path to becoming a registered technician or technologist through Saskatchewan Applied Science Technologists and Technicians.

1,675 flyers distributed to students in accredited programs at NAIT, Okanagan College, Saskatchewan Polytechnic and Yukon College

Poster provided for lab.

Visit technologyaccreditation.ca and sastt.ca for information about national program accreditation and registration



Key Priorities

2. Lead, through providing knowledge and resources

Priority	Status
a. CTAC Review Project	<ul style="list-style-type: none">Steering Committee met several times throughout the year to review standards structure and general learning outcomes.Working groups of experts being formed to provide feedback on work to date.
b. Explore partnership opportunities with provincial government educational ministries	<ul style="list-style-type: none">To provide update to contacts after Steering Committee completes work.
c. Align accreditation services with IEA	<ul style="list-style-type: none">To complete once with guidance of CCTT .
d. Engage with related accrediting organizations	<ul style="list-style-type: none">Contact with Engineers Canada and Association of Accrediting Agencies of Canada.
e. Celebrate World Accreditation Day and World Standards Day	<ul style="list-style-type: none">Issued new releases on respective days.

Key Priorities

2a. CTAC Review Project

Key Issues	Status
Standards Structure	<ul style="list-style-type: none">Consolidated approach to be reviewed by discipline working groups
Standards Format	<ul style="list-style-type: none">New format which combines general and discipline learning outcomes to be recommended for adoption by Standards CouncilDrafted National Standards Protocol document to ensure consistent set of standards and provide direction to Standards Development Committees
General Learning Outcomes	<ul style="list-style-type: none">Recommended refinements to be reviewed by discipline working groups
Math Learning Outcome	<ul style="list-style-type: none">Developed solution which meets need of each discipline.
Technology Report	<ul style="list-style-type: none">Drafted National Technology Report Guidelines.

Key Priorities

3. Excellence in execution, rooted in continuous improvement

Priority	Status
a. Tactically build auditor registry with focus on developing lead auditors and auditors across all disciplines	<ul style="list-style-type: none">• Developed auditor plan (see following page for details).
b. Enhance auditor training	<ul style="list-style-type: none">• Revised lead auditor training.• Training to be completed once Forms Automation Project is complete (January '19).
c. Automate accreditation documents	<ul style="list-style-type: none">• Automated application and self-assessment Form.
d. Review annually accreditation and standards development processes	<ul style="list-style-type: none">• Drafted 2018 Continuous Improvement Report.

Key Priorities

3a. Tactically build auditor registry with focus on developing lead auditors and auditors across all disciplines

Auditor Type	#	Plan
Auditors with no experience	20	To assign to audit team as auditor-in-training in 2019.
Subject matter experts	63	To assign to audit team as subject matter expert whenever possible.
Potential lead auditors	11	Assign as lead or to audit team to get required experience to move to lead role.
Lead auditors	12	

Key Priorities

4. Achieve greater financial sustainability

Priority	Status
a. Secure annual funding from members	• 2019 Business Plan and Budget approved.
b. Optimize revenue from accreditation services	• Ongoing follow up with potential customers.
c. Develop plan to service customers outside of TPC provinces	• Developed CTAB Integration Business Case.
d. Explore alternative funding opportunities, including government funding for CTAC Review Project	• Discussions with CCTT to access federal government funding.
e. Review investment opportunities for cash reserves	• Invested portion of cash reserves in GICs.

Board of Directors

- Welcomed two new members
- Provided direction regarding discussions with CCTT
- Approved recommendations in Continuous Improvement Report



L to R – Don Wilson, Industry Representative, Peter Portlock, Board Chair, ASET Representative, Victoria Ritco, SASTT Representative, Grant Lachmuth, Vice-Chair, ASTTBC Representative, Iain McNab, Academic Representative, Stephen Morley, OACETT Representative

Councils

Standards

- Provided valuable feedback regarding work on key national standards issues

Governance and Audit

- Completed 43 accreditation second level reviews
- Approved 2017 Continuous Improvement Report
- Approved expanded second level review process

