



Technology
Accreditation
Canada

Agrément en
Technologie du
Canada

A Year of Firsts

2020 Annual Report

Prepared: January 26, 2021

Summary

While 2020 was a challenging year with COVID-19, TAC achieved a number of “firsts” including the first transition of a CTAB accredited program to TAC, the first virtual site visit, the first 5 Year Comprehensive Review of the National Accreditation Criteria and accreditation process, and the review of the first discipline CTAC.

Accreditation certificate presentation at
Georgian College for its Electrical
Engineering Technology program



Highlights

- 8 programs accredited, bringing total to 174
- 8 virtual site visits conducted
- 64 applications received (12 new, 46 from CTAB accredited programs, 6 renewals)
- CTAB transition schedule completed
- 40 auditors added to registry



Accreditation certificate presentation at Lethbridge College for its Civil Engineering Technology program

KPIs

KPI	Progress
1. 22 programs audited	<ul style="list-style-type: none"> 8 audits conducted.
2. 3 prospective customers secured	<ul style="list-style-type: none"> Applications received from 3 new customers.
3. "Meet or exceed" rating received from customers for 100% of accreditations	<ul style="list-style-type: none"> 2 surveys received with "meets/exceeds expectations" rating.
4. Recommendations from Comprehensive Reviews approved by September 15 th	<ul style="list-style-type: none"> Completed.
5. 95% of customer service standards met	<ul style="list-style-type: none"> 97% (70 of 72).
6. Forms Automation Project completed by July 31 st	<ul style="list-style-type: none"> Audit Report completed.
7. 1 revised CTAC is published	<ul style="list-style-type: none"> Standards Development Committee reviewing Electrical CTAC.
8. National and international secured for all graduates by June 30 th	<ul style="list-style-type: none"> Solution for 3 of 5 issues in place.
9. Accreditation revenues are 25% of expenditures	<ul style="list-style-type: none"> Accreditation revenue is 21% of expenditures.

Core Strategies

- A. Enhance customer and stakeholder value
- B. Strive for operational excellence, rooted in continuous improvement
- C. Achieve greater financial sustainability



Accreditation certificate presentation at SAIT for its Electronics Engineering Technology program

Strategic Priorities

1. Conduct program audits
2. Implement CTAB transition plan
3. Generate new business with current and prospective customers
4. Conduct 5 Year Comprehensive Reviews
5. Advance CTAC Review Project
6. Complete Automated Forms Project
7. Promote value of accreditation
8. Secure national and international recognition for graduates of accredited programs
9. Expand auditor pool

Strategic Priorities

1b. Programs accredited

Educational Institution	Program	Term
Red Deer	Electrical Engineering Technology	Apr 30/19 - Apr 29/24
NAIT	Mechanical Engineering Technology	Apr 26/19 - Apr 25/24
Centennial	Biomedical Engineering Technology	Dec 18/19 - Dec 17/24
BCIT	Forest and Natural Areas Management	To Mar 1/23
NAIT	Nanotechnology Systems	Apr 24/20 - Apr 23/25
BCIT	Biomedical Engineering Technology	May 22/20 - May 21/25
NAIT	Engineering Design and Drafting Technology	Apr 26/19 - Apr 25/24
Red Deer	Mechanical Engineering Technology	Jun 30/20 - Jun 29/25

Blue denotes TAC accredited program, Red CTAB accredited program

Accreditations (cumulative)

	AB	BC	MB	NB	NL	NS	ON	PE	SK	IN	Total
Accredited programs											
TAC	30	8					23		15		76 *
CTAB		11	9	22	28	16	5	6		1	98
Subtotal	30	19	9	22	28	16	28	6	15	1	174
Accreditations in progress **											
TAC	4	1					2				7
Applications received ***											
TAC	4	2			1		30		1		38
Total	38	22	9	22	29	16	60	6	16	1	219

* Includes 5 programs which are also CTAB accredited.

** Accreditations in progress does not include 3 accreditations being renewed.

*** Applications received do not include 45 applications from CTAB accredited programs.

Strategic Priorities

Strategic Priority	Progress
2. Implement CTAB transition plan	<ul style="list-style-type: none">• Contact with all CTAB customers completed by January 18.• Transition schedule for all customers completed.• Screened 9 CTAB auditors, 6 assigned to fall audits.
3. Generate new business with current and prospective customers	<ul style="list-style-type: none">• Contact with prospective customers limited due to COVID-19.• Commitment secured from institution in BC.• Provided TAC updates for NCDATT and HOT.
4. Conduct 5 Year Comprehensive Reviews	<ul style="list-style-type: none">• Board approved 5 Year Comprehensive Reports for National Accreditation Criteria and accreditation process December 22.

Strategic Priorities

Strategic Priority	Progress
5. Advance CTAC Review Project	<ul style="list-style-type: none">• Standards structure and format approved by Standards Council (SC) December 15• General learning outcomes statements approved by SC approved April 17• Testing revised learning outcome standard and audit process.• Math survey report circulated to Standards Council.• National Technology Report Guidelines approved by SC December 15• Standards Development Committee working groups reviewing Electrical CTAC.
6. Complete Automated Forms Project	<ul style="list-style-type: none">• Audit Report completed• Second Level Review spec developed.

Strategic Priorities

Strategic Priority	Progress
7. Promote value of accreditation	<ul style="list-style-type: none">• 10 news releases issued (newly accredited programs, World Standards Day and World Accreditation Day).• Value of Accreditation flyer distributed electronically to students start of fall semester.• 33 entries received for first TAC Technology Report Contest, winners announced September 17.
8. Secure national and international recognition for graduates of accredited programs	<ul style="list-style-type: none">• IEA review of TAC and CTAB audits postponed due to COVID-19• Provided materials to CCTT in March for annual report to IEA.• Agreement reached with CCTT regarding international recognition.

Strategic Priorities

Strategic Priority	Progress
8. Secure national and international recognition for graduates of accredited programs	<ul style="list-style-type: none">• Drafted CTAB Grad Recognition Report for OACETT.• ASTTBC to recognize CTAB grads from April 2020 to April 2022.• ASET to recognize CTAB grads once program has submitted TAC application and accredited.• TPS to recognize technology report requirement once TAC auditors assess compliance of reports with general learning outcome GY01.

Strategic Priorities

Strategic Priority	Progress
9. Expand auditor pool	<ul style="list-style-type: none">• New training launched May 13.• Created auditor recruitment ad• ASTTBC, ASET, AETTNL, CTTAM contacted members regarding auditor opportunity mid May• Screened 44 auditors• 40 auditors completed training

Auditor Pool

Discipline	AB	BC	MB	NB	NL	NS	ON	PE	SK	TTL
Architecture/Building/Construction	3	1	1				2			7
Bioscience									2	2
Chemical	3						2		1	6
Civil	7	2	8	1	2		6		3	29
Computer							3			3
Electrical	6	2	3		2		7		2	22
Electronics	6	2	5	1		1	2		1	18
Environmental	1	1					3		3	8
Geological/Resources/Mining	3	1					2		1	7
Geomatics	2	1	1		1	1			1	7
Industrial	1	1					1			3
Instrumentation	4	1					1		1	7
Mechanical	5	4	3	1			5		5	23
Total	41	16	21	3	5	2	34		20	142

