

## REGISTRAR'S REPORT TO COUNCIL

### Prepared by Charles Joyner, ASCT, Registrar for Council Meeting: January 26, 2017

Presented to Council for information purposes, this report includes registration data for 2016 and a summary of key events from September to December 2016.

#### **Board of Examiners**

In 2016, the Board of Examiners approved 1,023 applications for ASCT and CTech of which 804 were for student membership. As of December 31, 2016, the number of ASCT and CTech members increased by 17 or 0.2 percent from the previous year. Table 1 provides a six-year comparative summary of key indicators for members other than technical specialists. Additional information on ASTTBC membership by discipline or technical specialization is presented in Annex 1.

**Table 1: ASCT and CTech Registration Processing 6-Year Comparative Summary**

<b>Category</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>
Transfers in from other provinces	30	27	30	31	39	38
Transfers out to other provinces	19	16	17	6	12	10
Retired ASCT or CTech	311 (3.7%)	335 (4.2%)	354 (4.3%)	378 (4.4%)	393 (4.6%)	400 (4.7%)
ASCT or CTech over 55 years old	1,816 (21.8%)	1,889 (23.7%)	2,054 (24.8%)	2,132 (25.0%)	2,367 (27.8%)	2,141 (25.1%)
Deceased ASCT or CTech	13	17	13	11	9	11
Cancelled ASCT + CTech + Students	523	670	553	468	621	621
Resigned ASCT + CTech + Students	290	273	274	310	292	394
Female ASCT + CTech + Students	883 (8.9%)	860 (8.9%)	930 (9.2%)	968 (11.3%)	1,006 (11.8%)	1,095 (12.8%)
Students	964 (11.6%)	764 (9.6%)	1,020 (12.3%)	1,124 (13.2%)	1,028 (12.1%)	1,213 (14.2%)
Grad. Technologists / Technicians	1,443	1,383	1,410	1,522	1,596	1,566
Associate Members	407	342	333	311	332	305
Honorary Members	72 (0.9%)	73 (0.9%)	75 (0.9%)	76 (0.9%)	79 (0.9%)	79 (0.9%)
<b>ASCT + CTech + Students + Grad. Techs. + Associates + Honorary</b>	<b>8,328</b>	<b>7,971</b>	<b>8,284</b>	<b>8,529</b>	<b>8,514</b>	<b>8,531</b>

Note: Technical Specialists are not included in Table 1.

#### **Technology Accreditation Canada**

Technology Accreditation Canada (TAC) is recognized by ASTTBC as the accrediting agency for post-secondary education diploma and certificate programs for technologists and technicians. In October 2016, Richard Stamper, Executive Director of TAC visited Kwantlen Polytechnic University (KPU), British Columbia Institute of Technology (BCIT), Camosun College, and Okanagan College to promote TAC as the program accrediting body in BC. The first program in British Columbia to receive TAC accreditation was the Environmental Protection Program at the KPU Langley Campus.

In September 2016, the TAC Board of Governors approved a revision to the Canadian Technology Accreditation Criteria (CTAC) Program General Learning Outcomes for Technologist (PGLOY). A schedule for revising the discipline-specific learning outcomes over the next five years has been prepared that will result in revision to the technologist and the technician criteria for 18 disciplines.

### **Accreditation Board (AB)**

The Accreditation Board is responsible for overseeing the accreditation of training programs typically of shorter duration for various technical specialist occupations. In 2016, the AB was tasked with conducting accreditation audits on three training providers for construction safety officers and one training provider for onsite wastewater practitioners. The audit teams conducting the accreditations have worked diligently and anticipate completion of the existing accreditation reviews in the first quarter of 2017.

### **International Technology Education Recognition (ITER)**

International Technology Education Recognition (ITER) managed by ASTTBC is a database of technology education programs offered in various countries. Applicants from non-accredited programs typically offered outside Canada may search the database to determine if the program they graduated from is listed and therefore recognized by ASTTBC. In 2016, a review of the existing data was conducted and information on the program and / or the educational institution was updated.

### **Practice Review Board (PRB)**

In 2016, ASTTBC received 23 complaints that led to an investigation and reporting to the PRB. The PRB processed and closed 34 complaint cases while 16 continue in progress. Data comparing PRB activity from 2011 to 2016 is provided in Annex 2. Summary descriptions and results of complaint cases are published on the ASTTBC website at <https://asttbc.org/practice/complaints/findings/>

### **Continuing Professional Development (CPD)**

In 2016, a review of the CPD policy and point system for earning CPD points was conducted. Based on two years of experience with the system that was launched in 2014 some enhancements were necessary. The changes include eliminating three vague descriptions thus reducing from 18 to 15 the options for CPD activities. The other change was improving consistency in the categories by introducing 10 hours of activity to equal one CPD point for the majority of categories. The revised CPD point scale as provided in Annex 3 will come into effect in 2017.

## ASTTBC Members by designation as of December 31, 2016.

	AScT and CTech	2011	2012	2013	2014	2015	2016	2015-2016	2011-2016
1.	Biological Sciences	216	241	250	250	243	316	30.0%	46.3%
2.	Biomedical Engineering	95	85	80	85	103	102	-1.0%	7.4%
3.	Building	895	885	899	923	951	933	-1.9%	4.2%
4.	Chemical	204	172	164	199	181	149	-17.7%	-27.0%
5.	Civil	2,393	2,307	2,423	2,465	2,571	2,622	2.0%	9.6%
6.	Electrical	584	574	628	638	655	807	23.2%	38.2%
7.	Electronics	1,374	1,305	1,255	1,235	1,194	1,099	-8.0%	-20.0%
8.	Environmental	191	200	209	217	232	244	5.2%	27.7%
9.	Forest Engineering	15	19	18	17	14	14	0.0%	-6.7%
10.	Gas and Petroleum	106	109	114	112	106	97	-8.5%	-8.5%
11.	Geomatics	397	345	338	332	331	329	0.6%	-17.1%
12.	Industrial Technology	79	80	81	79	74	73	-1.4%	-7.6%
13.	Information Technology	125	87	123	119	94	73	-22.3%	-41.6%
14.	Instrumentation	3	7	19	26	31	37	19.4%	N/A
15.	Marine Engineering	0	0	0	0	3	4	33.3%	N/A
16.	Mechanical	1,447	1,343	1,452	1,576	1,502	1,385	-7.8%	-4.3%
17.	Metallurgical	47	66	64	48	43	39	-9.3%	-17.0%
18.	Mineral Resources	85	73	92	132	107	129	20.6%	51.8%
	Honorary members	72	73	75	76	79	79	0.0%	9.7%
	<b>Total AScT + CTech</b>	<b>8,328</b>	<b>7,971</b>	<b>8,284</b>	<b>8,529</b>	<b>8,514</b>	<b>8,531</b>	<b>0.2%</b>	<b>2.4%</b>
1.	Registered Tech. Manager	21	29	34	33	35	36	2.9%	71.4%
2.	Professional Technologist	0	0	0	0	0	11	N/A	N/A
	<b>Technical Specialists</b>								
1.	Building Design	66	74	73	70	70	69	-1.4%	4.5%
2.	Construction Safety	187	236	283	323	363	383	5.5%	104.8%
3.	Fire Protection	753	790	824	833	854	877	2.7%	16.5%
4.	Home / Property Inspection	190	179	175	170	173	159	-8.1%	-16.3%
5.	Onsite Wastewater	563	571	584	574	539	523	-3.0%	-7.1%
6.	Public Works Inspector	79	86	90	90	93	96	3.2%	21.5%
7.	Site Improvement Surveys	22	22	22	22	22	22	0.0%	0.0%
8.	Steel Detailing	26	29	26	20	21	17	-19.0%	-34.6%
9.	Underground Utility Locator	0	0	0	0	0	3	N/A	N/A
10.	Electrical Work Practitioner	0	0	0	0	0	0	N/A	N/A
	<b>Total Technical Specialists</b>	<b>1,886</b>	<b>1,987</b>	<b>2,077</b>	<b>2,102</b>	<b>2,135</b>	<b>2,149</b>	<b>0.7%</b>	<b>13.9%</b>
	<b>AScT or CTech + Technical Specialist or RTMgr or PTech</b>								
1.	Building Design	66	74	73	70	70	69	-1.4%	4.5%
2.	Construction Safety	7	7	11	9	9	9	0.0%	28.6%
3.	Fire Protection	20	24	21	17	18	19	5.6%	-5.0%
4.	Home / Property Inspection	70	72	66	43	45	42	-6.7%	-40.0%
5.	Onsite Wastewater	18	24	21	13	15	14	-6.7%	-22.2%
6.	Public Works Inspector	54	58	61	57	61	64	4.9%	18.5%
7.	Site Improvement Surveys	22	22	22	22	22	22	0.0%	0.0%
8.	Steel Detailing	6	7	8	6	6	5	-16.7%	-16.7%
9.	Underground Utility Locator	0	0	0	0	0	2	N/A	N/A
10.	Electrical Work Practitioner	0	0	0	0	0	0	N/A	N/A
11.	Registered Tech. Manager	21	29	34	33	35	36	2.9%	71.4%
12.	Professional Technologist	0	0	0	0	0	11	N/A	N/A
	<b>Total Dual Designations</b>	<b>284</b>	<b>317</b>	<b>317</b>	<b>270</b>	<b>281</b>	<b>293</b>	<b>4.3%</b>	<b>3.2%</b>
	<b>Grand Total Individual Members</b>	<b>9,951</b>	<b>9,670</b>	<b>10,078</b>	<b>10,394</b>	<b>10,419</b>	<b>10,513</b>	<b>0.3%</b>	<b>4.9%</b>

## Practice and Compliance

COMPLAINTS STATISTIC	2011	2012	2013	2014	2015	2016
<b>Total Complaints Received</b>	82	40	57	20	28	23
<b>AScT + CTech complaint Issues</b>						
Unauthorized use of AScT, CTech	2	4	1	1	0	1
Ethics/logo/procedural etc.	3	1	1	2	2	1
<b>Technical Specialists Complaint Issues</b>						
Property Inspector Title/logo	0	0	1	0	0	0
Property Inspector Ethics or practice	14	8	5	5	3	5
Fire Protection Title/logo	0	2	0	0	0	0
Fire Protection Ethics or practice	12	25	14	9	5	12
Onsite Waste. Title/logo	1	0	0	0	0	0
Onsite Waste. Ethics or practice	44	23	14	17	11	14
All other Spec. Cert .groups – Title/logo	1	3	0	2	2	1
All other groups – Ethics or practice	1	1	0	0	0	0
<b>FILES CLOSED TO-DATE</b>	<b>78</b>	<b>67</b>	<b>36</b>	<b>36</b>	<b>23</b>	<b>34</b>
COMPLAINT OUTCOMES	2011	2012	2013	2014	2015	2016
Ethics Complaint - censure applied	33	37	23	21	13	21
Ethics Complaint – Stipulated Order applied	1	1	0	0	1	0
Ethics Complaint - no breach of code found	27	18	6	9	6	10
Ethics Complaint withdrawn	0	0	0	1	0	0
Title/logo enforcement	4	9	2	3	2	2
Membership cancelled or resigned**	11	1	5	2	1	0
<b>TOTAL OUTCOMES**</b>	<b>76</b>	<b>66</b>	<b>36</b>	<b>36</b>	<b>23</b>	<b>33</b>
TYPE OF ACTION INVOLVED	2011	2012	2013	2014	2015	2016
Disciplinary Hearing held	1	0	0	0	0	0
Disciplinary Hearing censure finding	0	0	0	0	0	0
Stipulated Order applied	1	1	0	0	0	0
PRB recommendations applied	33	37	23	21	14	21
Appeal to ASTTBC Council upheld	0	0	0	0	0	1
Appeal to ASTTBC Council denied	0	0	0	0	0	0

Note: 'Type of Action' - included in totals of 'Complaint Outcomes'

COMPLAINTS IN PROGRESS	2011	2012	2013	2014	2015	2016
Ethics Investigation in progress	43	20	39	29	27	16
Cease & Desist order issued	3	1	0	1	2	2

\*\*Complaint Statistics and Complaint Outcomes may not necessarily balance due to a member having more than one complaint against them at the time their membership is cancelled or resigned. Cancelled/resigned members' complaints do not appear as part of 'censure applied' as the censure has not been completed at the time of cancellation/resignation. A member may be cancelled/resigned as part of censure by the PRB; or for non-payment of annual dues in which case, if there is a PRB complaint against the member, the PRB will close the file and flag the database indicating that prior to reinstatement, PRB conditions must be satisfactorily completed.

## Continuing Professional Development Point Schedule

	Description	Points	for	Unit	Group	Max / year	Instruction
1	Employed or self-employed in a technology-related business or field including leadership, management or supervisory functions or teaching.	1	1	Month	Employment / working	12	Claim 1 CPD point per month you were employed or actively seeking employment to a maximum of 12 points per calendar year.
2	Successful completion of a post-secondary education course related to the work you do or plan to do.	1	10	Hours	Formal learning	5	Claim 1 CPD point for every 10 hours of education or training completed.
4	Participating in non-formal learning including self-directed study, attending seminars, workshops, webinars, technical field trips, or on-the-job training.	1	10	Hours	Non-formal learning	5	Claim 1 CPD point for every 10 hours of non-formal learning activity.
5	Reading discipline-related books, journals or technical publications.	1	10	Hours	Non-formal learning	5	Claim 1 CPD point for every 10 hours of reading.
6	Writing technical papers, articles, chapters or reviews that are published in journals, books or submitted for other professional or commercial purposes.	1	10	Hours	Presenting	5	Claim 1 CPD point for every 10 hours researching or writing.
7	Designing, developing or teaching (presenting) a training program or course related to your discipline or professional practice.	1	10	Hours	Presenting	5	Claim 1 CPD point for every 10 hours of education or training planned or taught.
8	Presenting at conferences, workshops or seminars related to your discipline or professional practice.	1	10	Hours	Presenting	5	Claim 1 CPD point for 10 hours preparing and giving a presentation. No CPD points for repeating the presentation.
9	Serving on College or education boards, industry advisory committees or equivalent including other profession-related organizations or associations.	1	10	Hours	Volunteering	5	Claim 1 CPD point for every 10 hours preparing for or attending meetings either in person or by teleconference
10	Serving on the ASTTBC Council, Board of Examiners, Practice Review Board, Accreditation Board, a Technical Specialist Certification Board or a Committee.	1	10	Hours	Volunteering	5	Claim 1 CPD point for every 10 hours preparing for or attending meetings either in person or by teleconference
11	Volunteering as a File Reviewer for the Board of Examiners or Technical Specialist Certification Board.	1	10	Hours	Volunteering	5	Claim 1 CPD point for every 10 hours reviewing files or attending meetings either in person or by teleconference
12	Participating as a member of an accreditation audit team.	1	10	Hours	Volunteering	5	Claim 1 CPD point for every 10 hours of accreditation activity including review of materials, site visits, audit team meetings.
13	Participating as an ASTTBC mentor or mentee.	1	10	Hours	Volunteering	5	Claim 1 CPD point for every 10 hours of

## Continuing Professional Development Point Schedule

	Description	Points	for	Unit	Group	Max / year	Instruction
							activity.
14	Attending ASTTBC AGM or awards event (TARC)	1	1	Event	Attending	2	Claim 1 CPD point per event
15	Other activity you consider as professional development.	1	10	hours	Other	5	Claim 1 CPD point for every 10 hours of activity.