

REPORT TO ASTTBC COUNCIL

Meeting date: January 23, 2020

Prepared December 9, 2019

Presented to Council for information purposes, this report includes registration data for 2019 and a summary of key events from September to December 2019.

Registrations

As of December 31, 2019, the number of AScT and CTech registrants was 7,623 which is a decrease of 240 registrants or 3.1 percent from December 2018.

Technical specialist registrants totaled 2,047 a decline of 23 registrants or 1.1 percent over the year. The combined total of AScT, CTech and Technical Specialist registrants as of December 31, 2019 was 9,496 down 278 or 2.8 percent from 2018 and 8.8 percent since 2015.

Despite overall decline in registrants the number of female registrants has increased to 1,052 or 13.8 percent. There has been a steady increase in female registrants from 10.9 percent in 2012 to 13.8 percent in 2019.

The number of AScT and CTech members with one or more designations increased by 11.8 percent bringing the total multi-designation registrants to 342. Multi-designation registrations include 49 Professional Technologists (PTech) and 42 Registered Technology Managers (RTMgr).

The number of registrants by designation, discipline or technical specialization is provided in Annex 1.

Transition to the Professional Governance Act (PGA)

Since September 2019, considerable attention and effort has been devoted to informing ASTTBC board members and registrants of the changes necessary to implement the PGA. The Superintendent of Professional Governance has set fall 2020 as the date for completing the major parts of the transition to the PGA.

Discussion and preliminary planning for the changes took place with the Board of Examiners, the Practice Review Board, the Accreditation Board and 6 technical specialist certification boards. As of December 31, 2019, the following changes have been implemented or are well underway:

1. The policy on terms of office for committee and board members is being implemented. Posting of committee and board member names on the website and limiting volunteers to serving on one committee or board concurrently are in place for 2020.
2. The Board of Examiners is aware of the transition to become the Credentials Committee with an expanded mandate under the PGA and ASTTBC bylaws;
3. The Practice Review Board is aware of transition required to form three committees: The Investigations Committee; the Audit and Practice Review Committee; and the Discipline Committee;

4. The above-mentioned statutory committees require a minimum of one lay person as a committee member to be present at a meeting to achieve a quorum;
5. The Accreditation Board will be discontinued and responsibility for “recognizing” education and training programs for various designations will be included in mandate of the Credentials Committee;
6. Technical specialist boards will continue under the authority delegated by the Credentials Committee and ASTTBC Council;
7. Continuing professional development requirements for all registrants whose status is practicing will be monitored by ASTTBC registration staff and reports will be submitted regularly to the Audit and Practice Review Committee;
8. Development of Practice Assessment Review (PAR) assessment instruments, procedures and the recruitment of assessors known as Quality Assurance Specialists (QAS) is at various stages of development depending in the technical specialization or discipline. Onsite wastewater, fire protection and property inspection instruments are ready for pilot testing;
9. In November 2019, the directory of registrants accessible to the public on the ASTTBC website was modified to include all registrants in one register. The search feature to find a registrant allows searches by name, registration category, sub-category and location. Additional information such as the status of each registrant is displayed. Registrants may add additional contact information;
10. The task of preparing ASTTBC bylaws is underway for Council approval prior to being submitted to the Superintendent of Professional Governance. Under the PGA, the ASTTBC bylaws will replace much of the detail currently in the ASTT Act, Regulations and policies. Transitioning to the PGA and new ASTTBC bylaws will be a major focus for 2020.

Report Prepared By: Charles Joyner

| | | 2015 | 2016 | 2017 | 2018 | 2019 | Variance | Variance |
|--|------------------------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|
| | Registration data as of | Dec | Dec | Dec | Dec | Dec | 1-year | 5-years |
| AScT and CTech Disciplines | | | | | | | | |
| 1 | Biological Sciences | 243 | 316 | 276 | 279 | 256 | -8.2% | 5.3% |
| 2 | Biomedical Engineering Tech. | 103 | 102 | 93 | 88 | 81 | -8.0% | -21.4% |
| 3 | Building Technology | 951 | 933 | 933 | 894 | 859 | -3.9% | -9.7% |
| 4 | Chemical | 181 | 149 | 115 | 108 | 98 | -9.3% | -45.9% |
| 5 | Civil | 2,571 | 2,622 | 2,582 | 2,568 | 2,534 | -1.3% | -1.4% |
| 6 | Electrical | 655 | 807 | 854 | 858 | 775 | -9.7% | 18.3% |
| 7 | Electronics | 1,194 | 1,099 | 1,008 | 915 | 832 | -9.1% | -30.3% |
| 8 | Environmental | 232 | 244 | 264 | 261 | 285 | 9.2% | 22.8% |
| 9 | Forest Engineering Tech. | 14 | 14 | 13 | 10 | 10 | 0.0% | -28.6% |
| 10 | Gas and Petroleum | 106 | 97 | 94 | 81 | 73 | -9.9% | -31.1% |
| 11 | Geomatics | 331 | 329 | 312 | 294 | 270 | -8.2% | -18.4% |
| 12 | Industrial Technology | 74 | 73 | 71 | 70 | 63 | -10.0% | -14.9% |
| 13 | Information Technology | 94 | 73 | 52 | 46 | 43 | -6.5% | -54.3% |
| 14 | Instrumentation | 31 | 37 | 41 | 54 | 58 | 7.4% | 87.1% |
| 15 | Marine Engineering | 3 | 4 | 7 | 14 | 16 | 14.3% | 433.3% |
| 16 | Mechanical | 1,502 | 1,385 | 1,304 | 1,197 | 1,274 | 6.4% | -15.2% |
| 17 | Metallurgical | 43 | 39 | 37 | 32 | 30 | -6.3% | -30.2% |
| 18 | Mineral Resources | 107 | 129 | 120 | 94 | 66 | -29.8% | -38.3% |
| | Total AScT + CTech | 8,435 | 8,452 | 8,176 | 7,863 | 7,623 | -3.1% | -9.6% |
| | Honorary members | 79 | 79 | 80 | 78 | 77 | -1.3% | -2.5% |
| | Reg. Technology Manager | 35 | 36 | 39 | 41 | 42 | 2.4% | 20.0% |
| | Professional Technologist | 0 | 11 | 25 | 38 | 49 | 28.9% | N/A |
| Technical Specialists | | | | | | | | |
| 1 | Building Design | 70 | 69 | 68 | 64 | 66 | 3.1% | -5.7% |
| 2 | Construction Safety | 363 | 383 | 342 | 336 | 312 | -7.1% | -14.0% |
| 3 | Fire Protection | 854 | 877 | 906 | 927 | 949 | 2.4% | 11.1% |
| 4 | House & Property Insp. | 173 | 159 | 132 | 111 | 99 | -10.8% | -42.8% |
| 5 | Onsite Wastewater | 539 | 523 | 501 | 493 | 483 | -2.0% | -10.4% |
| 6 | Public Works Inspector | 93 | 96 | 93 | 88 | 94 | 6.8% | 1.1% |
| 7 | Public Works Technician | 0 | 0 | 0 | 1 | 5 | 400.0% | N/A |
| 8 | Site Improvement Survey | 22 | 22 | 20 | 18 | 18 | 0.0% | -18.2% |
| 9 | Steel Detailing | 21 | 17 | 16 | 16 | 15 | -6.3% | -28.6% |
| 10 | Underground Utility Locator | 0 | 3 | 5 | 6 | 6 | 0.0% | N/A |
| 11 | Electrical Work Practitioner | 0 | 0 | 0 | 0 | 0 | N/A | N/A |
| | Total Tech. Specs. | 2,135 | 2,149 | 2,083 | 2,060 | 2,047 | -0.6% | -4.1% |
| AScT or CTech Plus Tech. Spec. or PTech or RTMgr (Dual Designation) | | | | | | | | |
| 1 | Building Design | 65 | 64 | 64 | 59 | 66 | 11.9% | 1.5% |
| 2 | Construction Safety | 9 | 9 | 6 | 7 | 12 | 71.4% | 33.3% |
| 3 | Fire Protection | 18 | 19 | 18 | 21 | 20 | -4.8% | 11.1% |
| 4 | House & Property Insp. | 45 | 42 | 36 | 42 | 39 | -7.1% | -13.3% |
| 5 | Onsite Wastewater | 15 | 14 | 14 | 8 | 20 | 150.0% | 33.3% |
| 6 | Public Works Inspector | 61 | 64 | 65 | 66 | 69 | 4.5% | 13.1% |
| 7 | Public Works Technician | 0 | 0 | 0 | 0 | 1 | N/A | N/A |
| 8 | Site Improvement Survey | 22 | 22 | 22 | 18 | 18 | 0.0% | -18.2% |
| 9 | Steel Detailing | 6 | 5 | 5 | 5 | 5 | 0.0% | -16.7% |
| 10 | Underground Utility Locator | 0 | 2 | 2 | 1 | 1 | 0.0% | N/A |
| 11 | Electrical Work Practitioner | 0 | 0 | 0 | 0 | 0 | N/A | N/A |
| 12 | Reg. Technology Manager | 35 | 36 | 39 | 41 | 42 | 2.4% | 20.0% |
| 13 | Professional Technologist | 0 | 11 | 25 | 38 | 49 | 28.9% | N/A |
| | Sub-total | 276 | 288 | 296 | 306 | 342 | 11.8% | 23.9% |
| Grand Total Individual Members | | 10,408 | 10,439 | 10,107 | 9,774 | 9,496 | -2.8% | -8.8% |