

APRIL 2022 - NEW APPLICATION REQUIREMENTS

College Council has approved changes to requirements for registration applications. Applications with these changes will go into effect the 1st week of April.

Applications submitted before these changes go into effect will be required to meet the Credentialing Standards and requirements at the time of their application was submitted. An updated Credentialing Standard detailing the new application requirements will be published soon. The changes are as follows:

Professional Practice Competencies

- **Applications:** Registered Biology Technologist (RBTech) and Applied Biology Technician (ABT) applications as of April will require applicants to demonstrate that they demonstrate 1 of the 3 key indicators for each of the College's 7 Professional Practice Competencies.
 - Professional Practice Competencies definitions and key indicators are found in the [Professional Practice Competencies & Competence Standard](#)
- **References:** All references for a RBTech or ABT application will be required to address the applicant's Professional Practice Competencies.

Professional Work Products (PWP) for Registered Biology Technologist (RBTech) and Registered Professional Biologist (RPBio)

- PWPs will replace the Professional Report and Scientific Communication and associated requirements for RPBio applications; &
- PWPs will replace the Data Report and associated requirements for RBTech applications.

Intent of PWPs: The professional work product requirement is important to the RBTech and RPBio application as it is a mechanism for applicants to demonstrate a combination of 1) their independent thought as an applied biology professional 2) how their practice in applied biology and professional competence align with the [College's Professional Practice Competencies](#).

Registered Biology Technologist (RBTech) PWP requirements	Registered Professional Biologist PWP requirements
<p>A minimum of 2 & a maximum of 4 PWPs in applied biology (as per the Applied Biologists Regulation) that between them:</p> <ol style="list-style-type: none"> 1. Includes the following: <ul style="list-style-type: none"> • Method(s); • Data analysis within established standards, parameters &/or guidelines; • Conclusion(s) and/or Recommendations; and • Communicates technical scientific information to a non-expert audience. <p>And explains how, the PWPs meet at least one key indicator in each the following professional competencies:</p> <ul style="list-style-type: none"> • Scientific Knowledge & Concepts • Laws, regulations & policy • Standards & Practices • Communication <ol style="list-style-type: none"> 2. Describe the purpose/intent/background of each of the professional work product(s) submitted. 	<p>A minimum of 2 & a maximum of 4 PWPs in applied biology (as per the Applied Biologists Regulation) that between them:</p> <ol style="list-style-type: none"> 1. Includes the following: <ul style="list-style-type: none"> • Method(s); • Data analysis; • Conclusion(s) and/or Recommendations; and • Communicates technical scientific information to a non-expert audience. <p>And explains how, the PWPs meet at least one key indicator in each the following professional competencies:</p> <ul style="list-style-type: none"> • Scientific Knowledge & Concepts • Laws, regulations & policy • Standards & Practices • Communication <ol style="list-style-type: none"> 2. Describe the purpose/intent/background of each of the professional work product(s) submitted.

Definitions:

Communication - is written or presented to a non-expert audience (see definitions of 'non-expert audience' below).

Conclusion(s) - a summation of outcomes of data analysis, along with an interpretation of significance and implications.

Data - facts, information, and/or statistics (e.g., measurements, metrics) collected for reference or analysis.

Data Analysis – the study and/or examination of data applying logical techniques to describe and illustrate, condense and recap, and evaluate data.

Methods – implementing a systematic or a particular form of procedure or process for accomplishing or approaching something such as, a task (e.g., information/data gathering, statistical analysis).

Non-expert audience – an individual or individuals(s) who is not a subject matter expert(s) in the area/topic being communicated. This can include other applied biology professionals, biologists, clients, the public, other regulated and non-regulated professionals.

Recommendation – an informed suggestion regarding the best course of action.

Professional Work Product(s) - includes but is not limited to a report, policy, assessment, plan, briefing note, memorandum, a review report (e.g., literature review) or scientific publication(s), thesis, dissertation, poster, presentation, email communication. Draft work products written by the applicant such as draft report, draft briefing note are accepted. Draft documents authored by applicant are acceptable as long as they meet the intent. Draft work products are often provided to supervisors and others (e.g., clients, another professional signing off) for review and may be changed by supervisors, higher-level staff within the applicant's organization prior to being finalized. Bachelor of Honors Theses are accepted as a professional work product if they meet the communication competency¹. The College may accept other professional work products that meet the requirements.

¹ [College's Professional Competencies](#)