

PROGRAMS & TCS PATHWAYS

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BC's transfer system is ideally positioned, both **contextually and technologically**, to provide an **easier way to identify** transfer pathway opportunities between PSIs

MINISTRY GOALS

StrongerBC: Future Ready Action Plan

Ministry's **digital services initiative:**

Easy for everyone to access post-secondary education, skills training, and career opportunities.

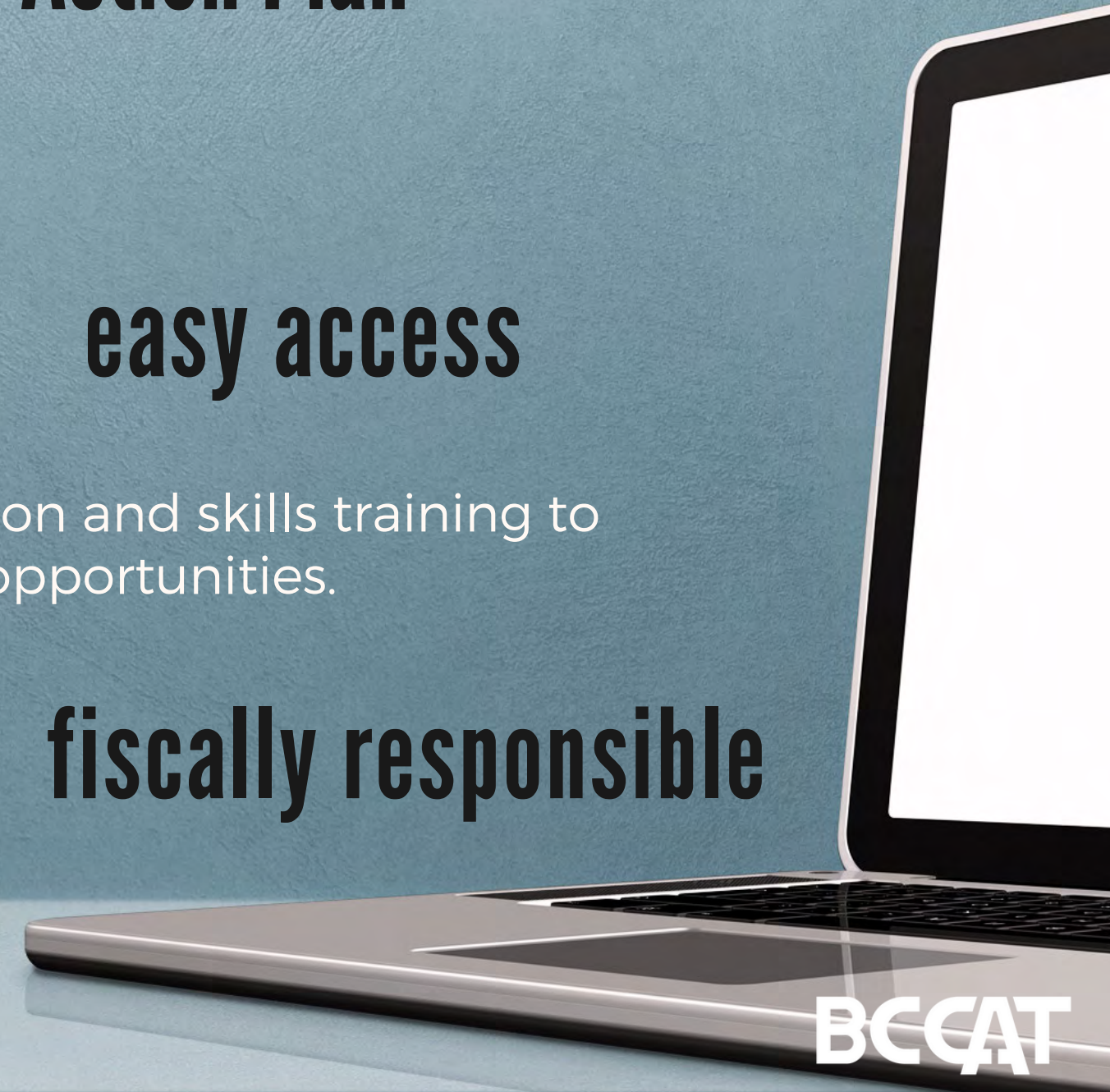
easy access

informed decisions

that connect education and skills training to career journeys and opportunities.

sustain ongoing improvements to digital services based on shared vision and understanding of resources and priorities.

fiscally responsible



WHAT OUR TRANSFER SYSTEM CURRENTLY HAS

System-wide **understanding and research** on student mobility, **articulation committees, sector groups, and institutional staff networks**, and **aligned policies and procedures** facilitating learner pathways

BCCAT's Transfer Credit System (TCS): workflow for establishing **course-to-course (C2C) equivalencies** among transfer system members and with non-BC PSIs nationally and internationally

C2C articulation agreements searchable on **BC Transfer Guide** and on **PSI and partner websites** (using TCS widget)

Features such as:

PROVINCE-WIDE SYSTEM WORKFLOW

ARTICULATION AGREEMENT LIBRARY

350K+ AGREEMENTS

COMMUNICATION MANAGEMENT

COURSE OUTLINE REPOSITORY

STUDENT **ACCESS TO INFORMATION** CHALLENGES

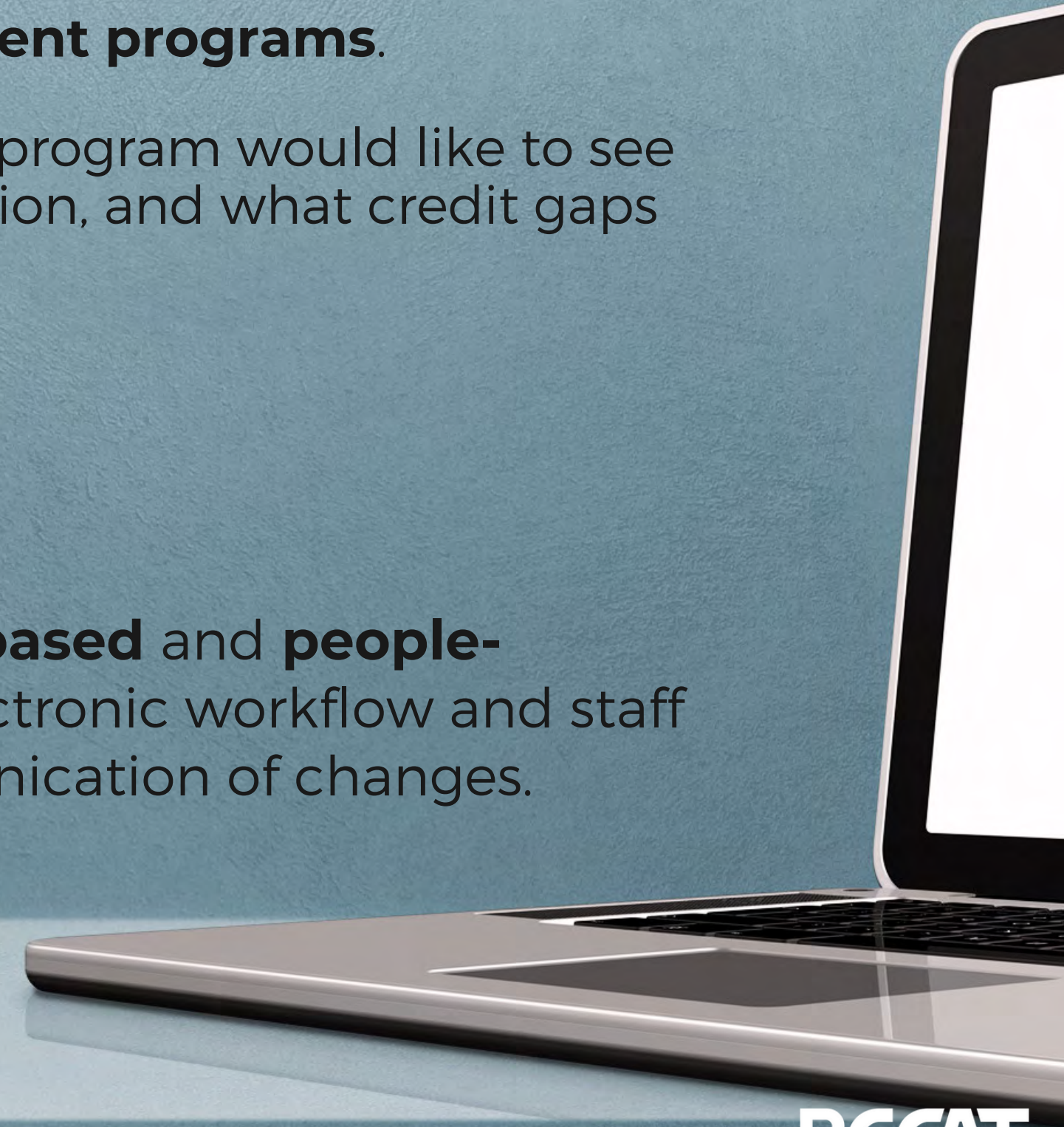
A student having completed courses at one or more PSIs would like to see what **credit they could receive at different PSIs, in different programs.**

A student having partially completed or completed a program would like to see what programs they can transfer to at another institution, and what credit gaps they have. **(bridging and laddering)**

PSI **ADMINISTRATIVE** CHALLENGES

Pathway development is often impeded by **paper-based** and **people-dependent processing**. There is no automated electronic workflow and staff turnover impacts knowledge retention and communication of changes.

Agreements are often **vague on elements** such as course equivalences, applicability of credit to a program, and admissions standards.



The Pathways tool facilitates **pathway development** by identifying and resolving **equivalency gaps** (as appropriate) between programs

Use **existing TCS management platform & data**

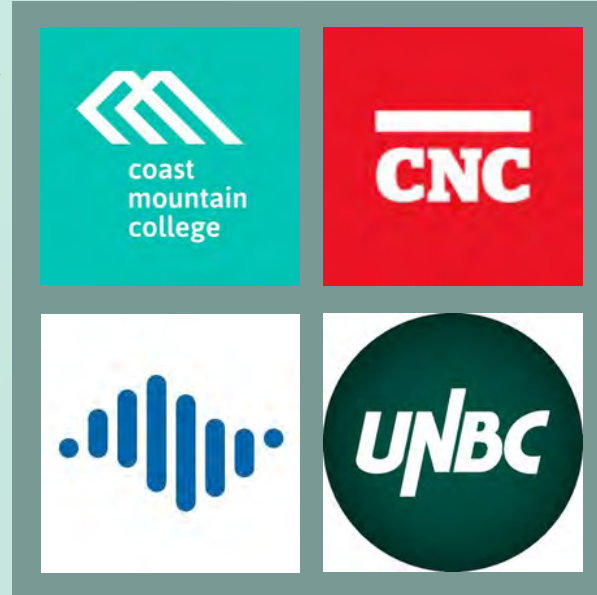
Leverage tools & processes already embedded, & utilized by BCTS PSIs

Proof of Concept with **northern PSIs** and **Engineering programs** completed Spring 2024.

~**50 programs** included, aligning with BC's **high opportunity occupations**, in areas of Engineering, Business, Technology, Natural Resources, some Health & Social services

Northern Consortium pathways

proof of concept focus



engineering & first year common core

Aligned with **Ministry's digital services** and **supports related initiatives**

MICROCREDENTIALS

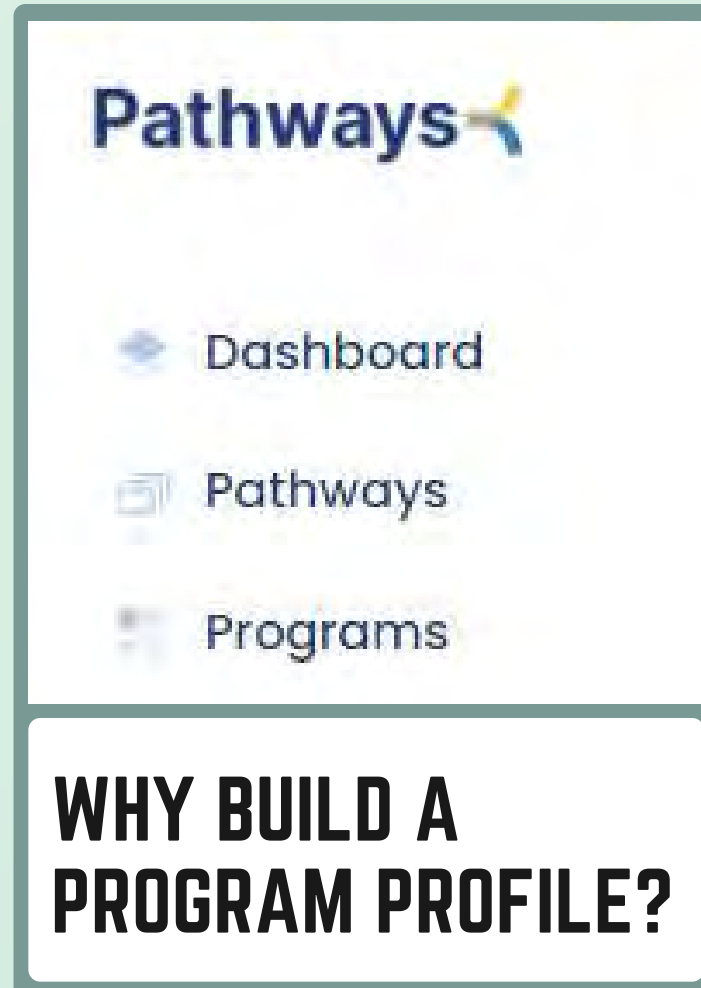
ELECTRONIC TRANSCRIPT / TRANSFER CREDIT ASSESSMENT

DIGITAL SERVICES HUB

INTERNATIONAL CREDIT RECOGNITION

BC'S CREDIT BANK

The Pathways tool has 2 modules:



PROGRAM MODULE

can operate **stand-alone** and features a tool that allows users to **assess program completion & progress**

PATHWAY MODULE

allows for a **gap analysis of the course-to-course equivalencies** between two programs, permitting focused articulation activity to establish equivalency.

Both modules allow for a central **repository of programs and pathway agreements**, to be accessible by all stakeholders of our transfer system.

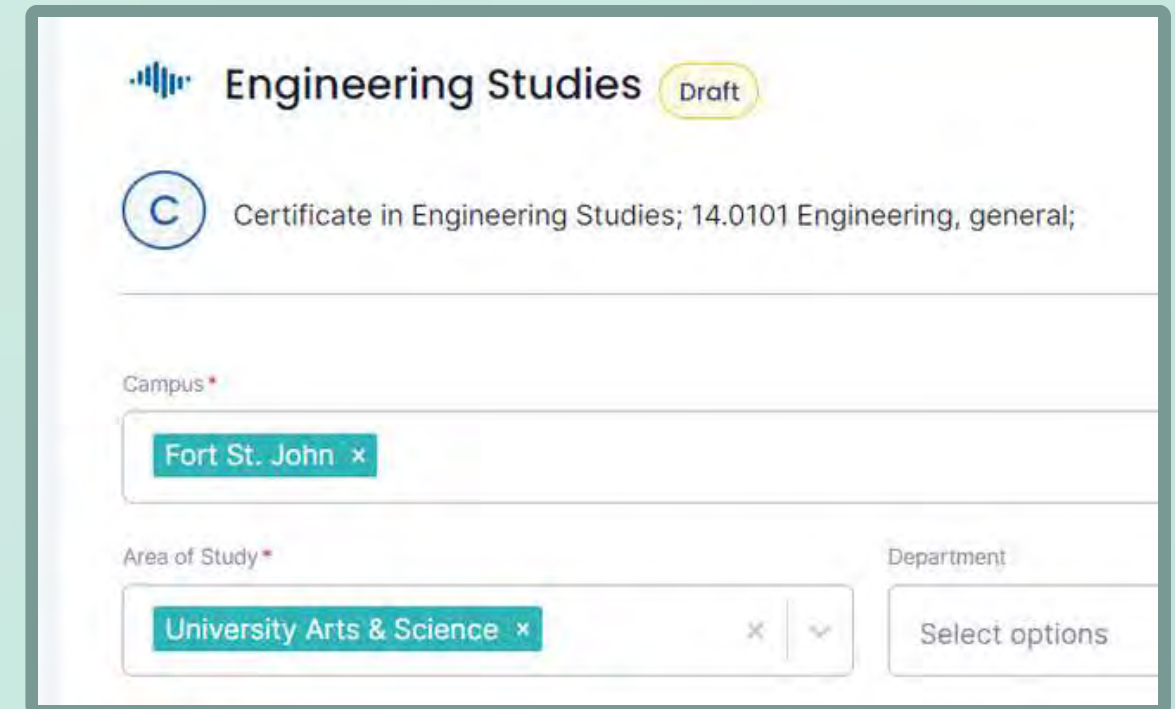
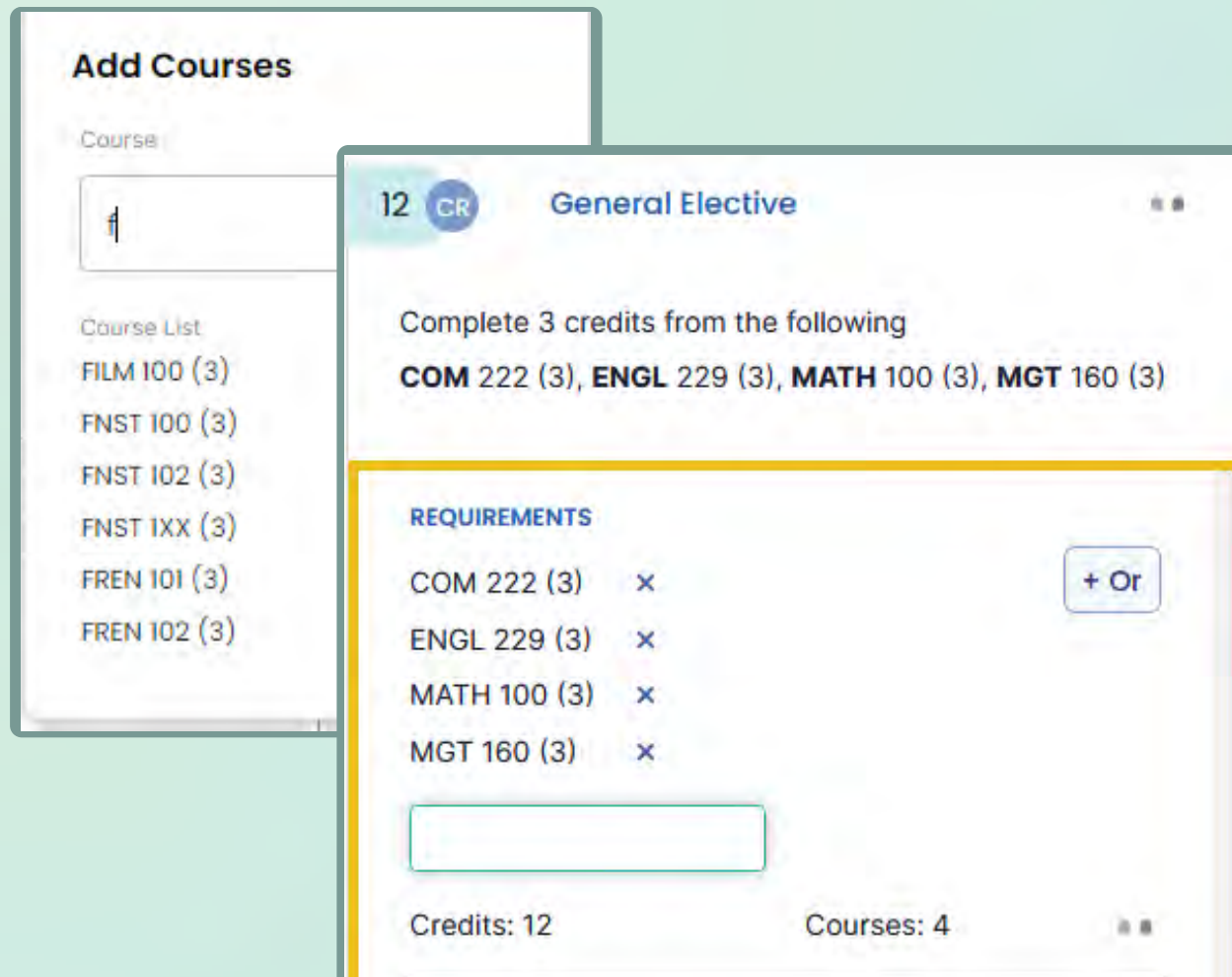
PSIs that **do not have program auditing software and/or staffing** can use the tool to assist:

- program auditing for grad & progress check
- transfer credit assessment at admission
- advising & course planning

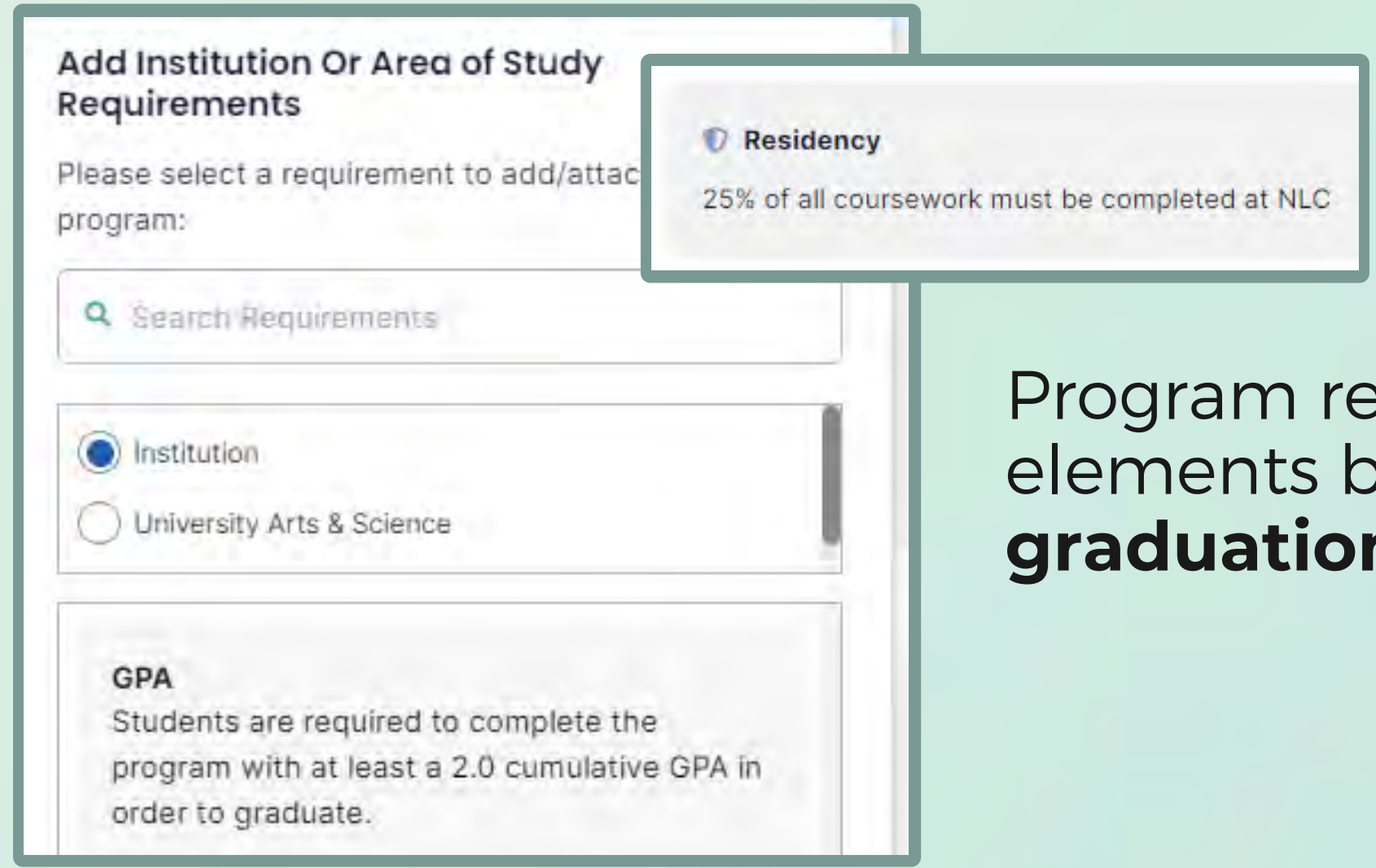
PSIs leverage the TCS course repository, CIP and other data tables to build out a **Program Profile**, defining course and other program requirements and attributes.

Program attributes provides info on broader context of the program, for the PSI and for the student.

ie. CIP code, campus, Faculty/dept, admission & grad gpa



The **TCS course repository** serves the TCS workflow for PSIs to request and evaluate course articulations.



Program requirements include non-course elements based in policy, such as **residency** & **graduation grade** requirements.

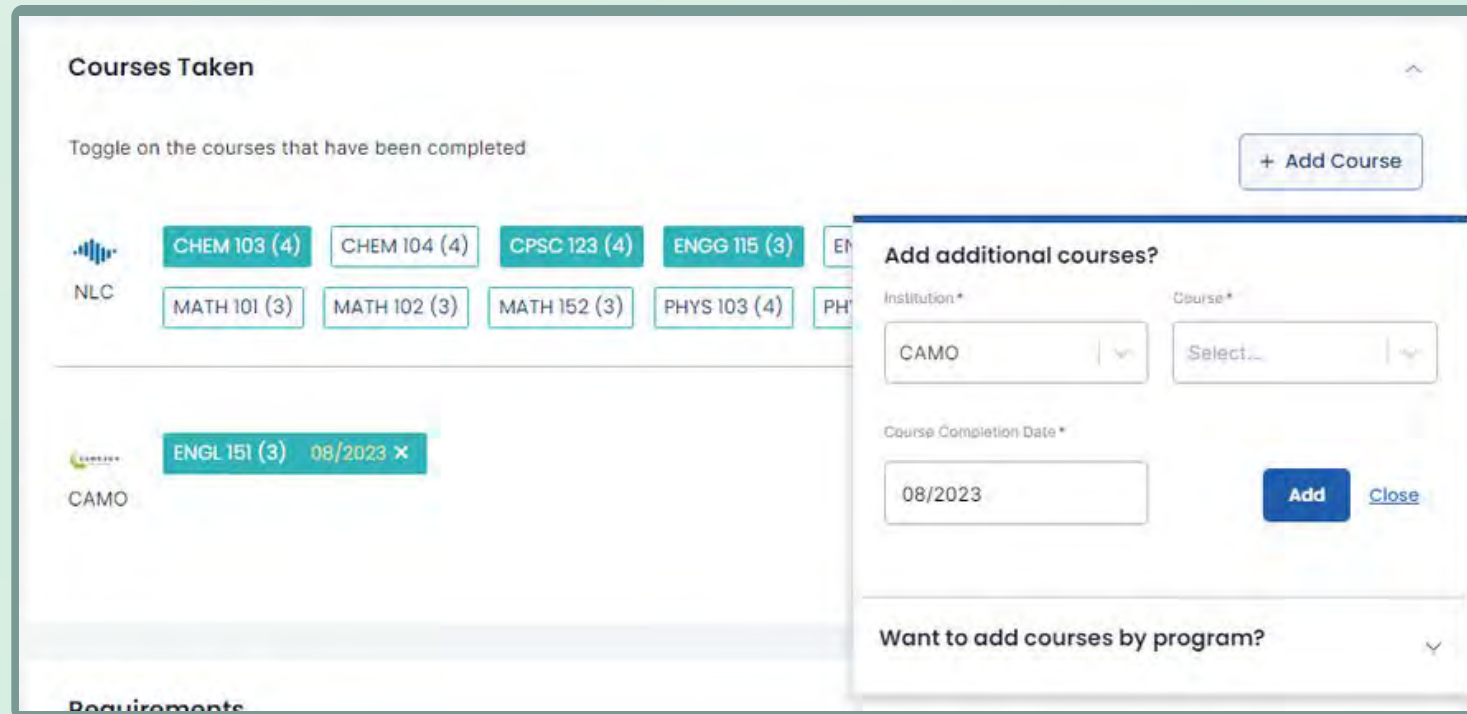
PROGRAM ASSESSMENT

There are two features of the assessment tool that aim to facilitate a better understanding of program requirements and progression, for students:

interactive student progress check

program requirements checklist

Users assess their progress by selecting courses taken or to be taken.



Assessment results include course and credit progress and a summary table.

Credits Summary					Grad GPA: 2
CATEGORY	MINIMUM	APPLIED	MISSING	STATUS	
TOTAL	41	14	27	UNMET	Credit
Upper Level	-	-	-	-	34% 41 Required 14 Applied
Core	41	14	27	UNMET	Course
Transfer Credit Awarded:	3				33% 12 Required 4 Applied
			Transfer Credit Applied:	3	

Pathways PROGRAM ASSESSMENT
Northern Lights College
Certificate : Engineering, general

REQUIREMENT	REQ.	APPLI
Semester 1		
Complete the following:	21	14
✓ CHEM 103 (4)	4	4
✓ CPSC 123 (4)	4	4
✓ ENGG 115 (3)	3	3
✓ ENGL 100 (3)	3	3
MATH 101 (3)	3	
PHYS 103 (4)	4	
7 additional credits required		
Semester 2		
Complete the following:	20	0
CHEM 104 (4)	4	
ENGG 120 (3)	3	
ENGG 125 (3)	3	
MATH 102 (3)	3	
MATH 152 (3)	3	
PHYS 104 (4)	4	
20 additional credits required		
Summary		
	Req.	Appl.
Core	41	14
Total minimum credits	41	14

Other Requirements
 Residency 25% of all courses completed at NLC

Program information and assessment results are based on information currently in the system, which is provided by the applicant. Confirm the above information with the institution you are planning to attend. BCCAT is not responsible for any errors or omissions.

Assessment results identify which courses are applied to meet graduation requirements.

The Pathway module allows for a **gap analysis of the course-to-course equivalencies** between two programs, permitting **focused articulation activity** to establish equivalency between programs.

PSIs can **preview** the current pathway strength and prep work required between two programs before they begin building the agreement.

Diploma: Accounting and Finance | Bachelor of Commerce: Accounting

Start building Pathway

- 12 Number of sending courses that transfer directly to the receiving program.
- 1 Number of sending courses that have no course outlines or >5 years old.
- 1 Number of sending courses that transfer directly to the receiver, but not the receiving program.

Preview

CNC COURSES	UNBC TRANSFER CREDIT	PATHMATCH
ACC 170 (3)	COMM 310 (3)	
ACC 251 (3)	COMM 310 (3) ▷	
ACC 252 (3)	COMM 311 (3) ▷	
ACC 255 (3)	CNC ACC 255 (3) & 256 (3) = UNBC COMM 211 (3) & 312 (3) COMM 2XX +	
ACC 256 (3)	COMM 2XX CNC ACC 255 (3) & 256 (3) = UNBC COMM 211 (3) & 312 (3)	
ACC 270 (3)	CPSC 250 (3)	
+ COMM 200 (3)	-	
COMM 204 (3)	COMM 210 (3) ▷	
ECON 201 (3)	ECON 100 (3) ▷	

Pathmatch: # of transfer agreements where there exists a direct course equivalency

Missing Course Outlines: # of courses in the sender program that have no course outline

Transfer Agreements (general): sender program courses that have transfer agreements with receiver PSI

Start building Pathway

System supported communication & change management

Parties to the pathway agreement receive **automatic notifications** when:

- pathway work **starts & progresses** to the next stage,
- there are **course changes** in the TCS and/or program module that impact the pathway agreement, and
- relevant C2C transfer agreements & pathway agreements are **reaching their end date**

Stage 1: Sender Preparation

- add Sender Pathway agreement info
- add current or missing course outlines

Stage 2: Receiver Evaluation

- add Receiver Pathway agreement info, policies & conditions
- confirm or deny existing c2c transfer agreements apply to Pathway
- create new C2C transfer agreements to apply to Pathway

Stage 3: All Party Review

- Sender & Receiver approve Pathway agreement

Stage 2: Receiver Evaluation

Pathway Attributes

Agreement Start Date Sep 2023	Agreement End Date Current	Existing Agreement 	Block Agreement? <input checked="" type="radio"/> Yes
Transfer Admission GPA/Grade #1* 2.75	Guaranteed Seats 10	Credential Completion Required? <input type="radio"/> No	Block Transfer Credits 30

Residency Requirement

RESIDENCY REQUIREMENT: Students must complete a minimum of 30 credit hours of upper division UNBC course work to receive a UNBC degree.

Additional Courses Awarded For Credential Completion

- SUBJ 000 ✕
- SUBJ 000 ✕

Articulation Policies & Conditions

CNC + Add

Effective dates: **
The effective date of a Pathway must correspond with the beginning of a Pathway, and must not be earlier than the beginning of the Pathway term.

GPA: **
A minimum Program GPA of 2.0 is required for graduation.

Time-limit for using the courses towards graduation: **
University and faculty level requirements apply for at most 8 years, while subject or area of study requirements apply for at most 6 years. If a graduation check determines that a student has not completed requirements within these limits, the term of the graduation application becomes the requirement term.

Earning two credentials: **
A student may not receive two (2) credentials for substantially the same coursework. A student who has qualified for a credential in one program and wishes to receive a second credential in a different program may apply credits and courses from the first credential toward the requirements of the second credential where appropriate. A minimum of 50% of the course work for the second credential must be from courses or modules that were not used to satisfy the requirements for the first credential.

Receiver PSI adds info ie. start & end date, transfer admission grade, guaranteed seats, etc and policies & conditions that apply to the Pathway agreement

Course “pills”

Articulation Policies & Conditions

UNBC Courses

COMM 100	ECON 100 ▶	ECON 101 ▶	FNST 100 ▶	MATH 152		
COMM 200	COMM 210 ▶	COMM 211	COMM 220	COMM 230	COMM 240 ▶	COMM 251
CPSC 250	ECON 205					
COMM 300 ▶	COMM 310 ▶	COMM 311	COMM 312 ▶	COMM 320 ▶	COMM 330	
COMM 332	COMM 343	COMM 350	COMM 351	ECON 350		
COMM 400	COMM 411	COMM 414				
MATH 150 OR MATH 220	MATH 100or MATH 152					

PSI Subject Matter Expert or Registrarial staff, select a course pill to open a modal, wherein they determine whether to **confirm, deny, or leave unassessed** an existing C2C transfer agreement for the pathway. Yellow pill indicates agreements exist. White pill indicates no agreements.

Course pill modal

If appropriate, they can also build a new C2C transfer agreement, for the receiver course.

Bachelor in Accounting and Finance

COMM 100 ECON 100 ECON 101 FNST 100 MATH 152
 COMM 200 COMM 210 COMM 211 COMM 220 COMM 230 COMM 240 COMM 251
 CPSC 250 ECON 205
 COMM 300 COMM 310 COMM 311 COMM 312 COMM 320 COMM 330
 COMM 332 COMM 343 COMM 350 COMM 351 ECON 350
 COMM 400 COMM 411 COMM 414
 MATH 150 OR MATH 220 MATH 100or MATH 152

PathMatch Table

Quick View All View ACC ECON

CNC COURSES.	UNBC TRANSFER CREDIT	PATHMATCH
<input checked="" type="checkbox"/> ACC 170 (3)	COMM 2XX (3)	
<input type="checkbox"/> ACC 251 (3)	COMM 310 (3)	-
<input type="checkbox"/> ACC 252 (3)	▶ COMM 311 (3)	UNBC COMM 311 (3)
<input type="checkbox"/> ACC 255 (3)	▶ CNC ACC 255 (3) & 256 (3) = UNBC COMM 211 (3) & 312 (3)	UNBC COMM 211 (3) & 312 (3)
<input type="checkbox"/> ACC 255 (3)	▶ CNC ACC 255 (3) & 256 (3) = UNBC COMM 211 (3) & 312 (3)	COMM 2XX + 2
<input type="checkbox"/> ACC 270 (3)	UNBC CPSC 251 (3)	Unassessed

Articulation Agreements For COMM310 In Progress COMM 310

Confirm Deny Unassess

CNC COURSE	UNBC TRANSFER CREDIT	EFFECTIVE	STATUS
<input checked="" type="checkbox"/> ACC 251 (3)	▶ COMM 310 (3)	Sep/16 ongoing	Confirmed
<input type="checkbox"/> ACC 251 (3)	COMM 310 (3)	Jan/10 to Aug/13	Confirmed
<input type="checkbox"/> ACC 251 (3)	CNC ACC 251 (3) & CNC ACC 252 (3) = UNBC COMM 310 (3), Must have an average grade of B to receive credit	Sep/95 to Aug/06	Confirmed
<input type="checkbox"/> ACC 251 (3)	CNC ACC 251 (3) & CNC ACC 252 (3) = UNBC COMM 310 (3), Must have an average grade of B to receive credit	Sep/13 to Aug/16	Confirmed
<input checked="" type="checkbox"/> ACC 251 (3)	COMM 2XX (3)	Sep/23 to ongoing	Confirmed
<input type="checkbox"/> ACC 251 (3)	COMM 2XX (3)	Sep/13 to Aug/16	Confirmed
<input type="checkbox"/> ACC 251 (3)	COMM 2XX (3)	Sep/13 to Aug/16	Confirmed

As transfer agreements assessments are completed, the course pill turn green.

Confirmed “pathmatches” populate the PathMatch Table.

Once majority of the PathMatch is complete, Receiver PSI can proceed to **All Party Review** so approvers can assess the Pathway agreement.

MOVING FORWARD

Phased roll-out and implementation in Spring / Summer 2024

- determine PSI partners & high priority programs

Future requirement: Regular PSI **course catalogue upload** process to maintain course and program currency and accuracy

Prioritize development & initiatives utilizing Pathways tools functionality

- APIs to support Pathway widget for partners
- BC Transfer Guide to incorporate Pathways information
- Electronic Transcript Credit Transfer Assessment
- Support other initiatives, such as BCCB, Int'l Credit Recognition

PSI service agreements