BCCAT TECHNOLOGY UPDATE

the path to the future

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BRITISH COLUMBIA COUNCIL ON ADMISSIONS & TRANSFER

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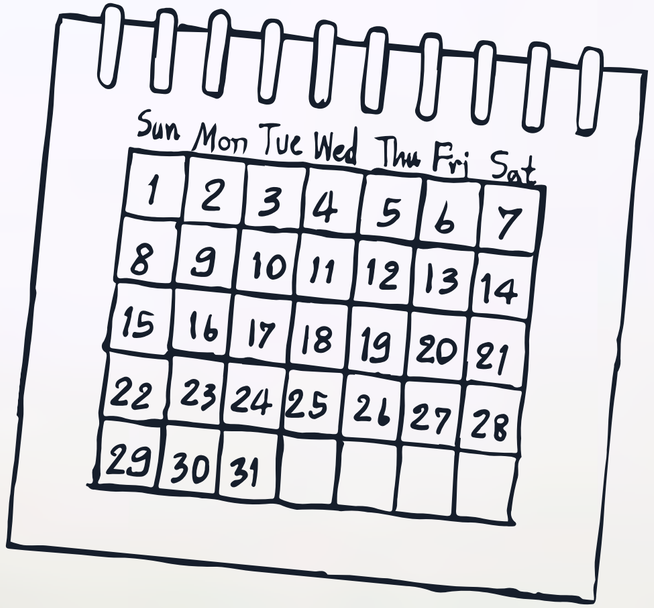
AGENDA

TCS update

Recent projects

Pathways initiative

The Future Path



There WILL NOT be a quiz
at the end of this session!

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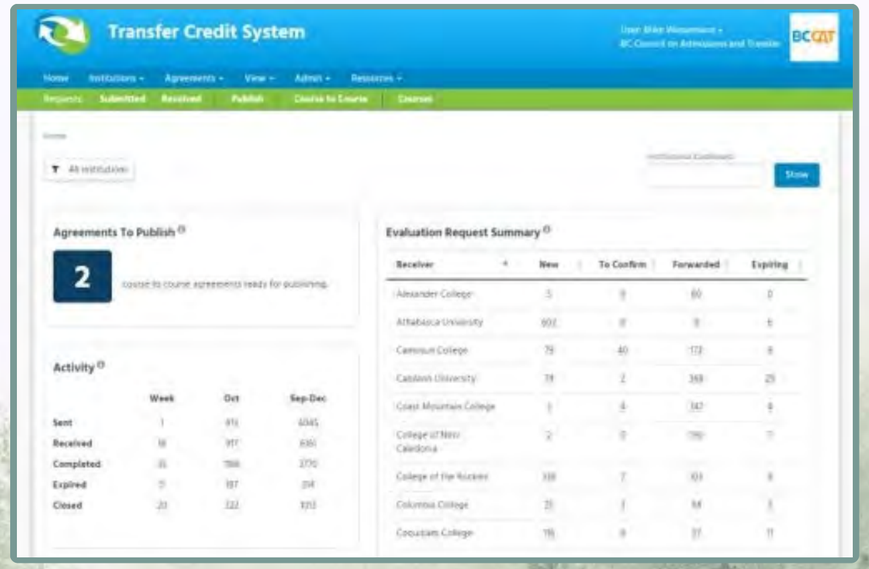
BEFORE WE TALK ABOUT US, LET'S TALK ABOUT YOU



Another busy year on the TCS front

Currently ~10k requests working through the system – higher volume than normal

Typically, ~4k requests is the norm

Evaluations remain generally strong across the system

+27k updates to the BC Transfer Guide since JAM 2022

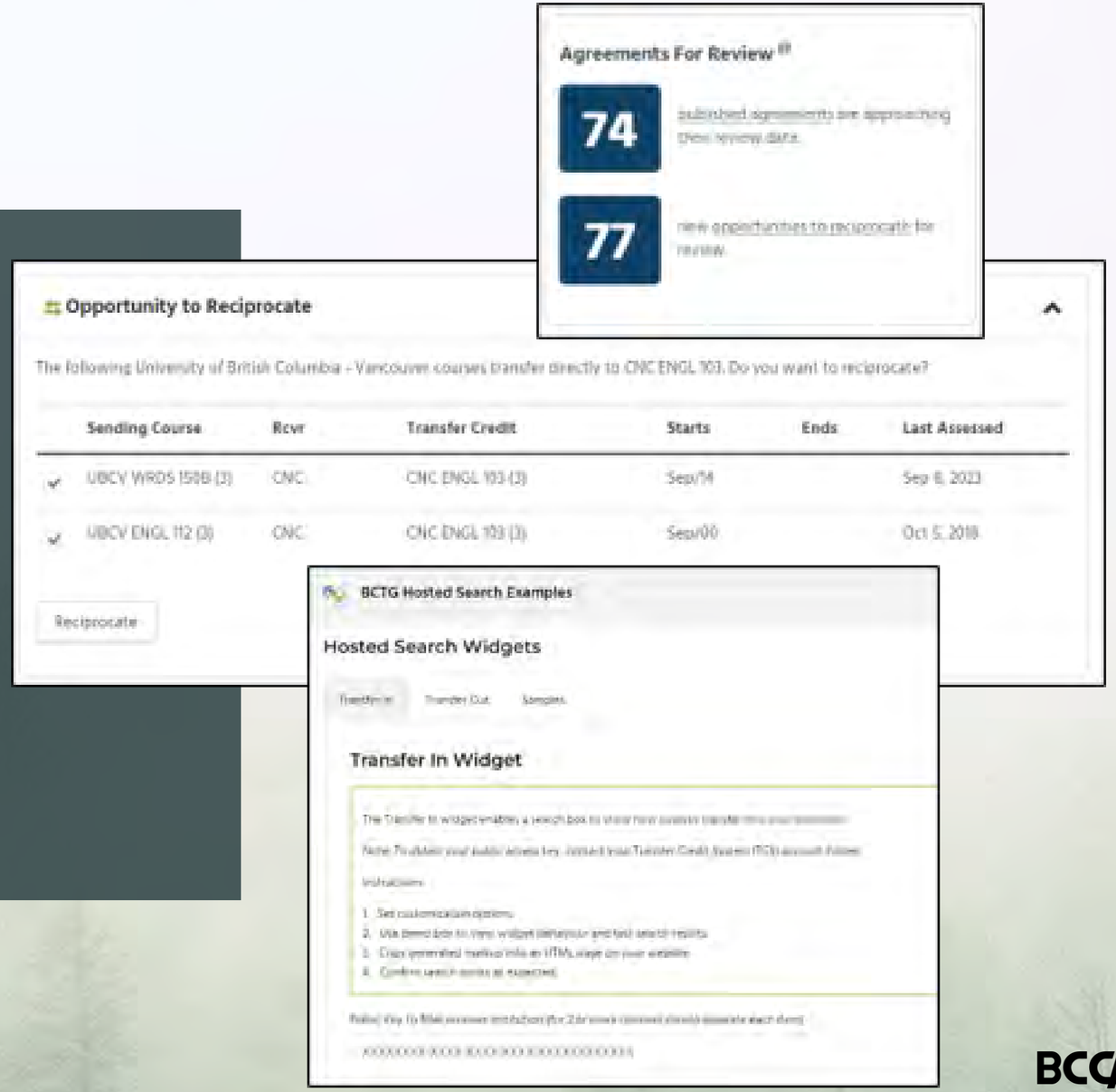
RECENT UPDATES

New BCCAT website

BC Transfer Guide widget

Reciprocity

TCS Suite update



CURRENT INITIATIVES

.Net 6 Framework Implementation – modernization of our programming environment

Implementation of additional TCS enhancements, once new framework is in place

ONCAT Gap Analysis

proof of concept
origin story...

PROGRAMS &

TCS PATHWAYS

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PROGRAMS & TCS PATHWAYS

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

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proof of concept focus

Northern Consortium pathways

engineering & first year common core

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

~50 programs included, aligning with BC's **high opportunity occupations**

- Engineering, Business, Technology, Natural Resources, some Health & Social services

BUILD CONCEPTS & PRINCIPLES

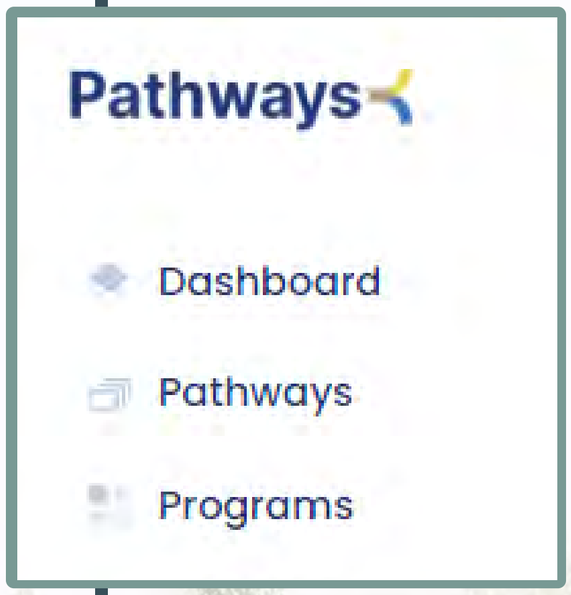
inter-operability **partnership & collaboration**

PSIs leverage the **TCS course repository**, **TCS course-to-course articulation agreement repository**, and **StatsCan CIP** and other data tables

transparency **communication** **efficiency**

Both modules utilize **TCS workflow** and **data change management** and **impact** notification for PSIs.

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 & pathway agreements**, accessible by our stakeholders in our transfer system.

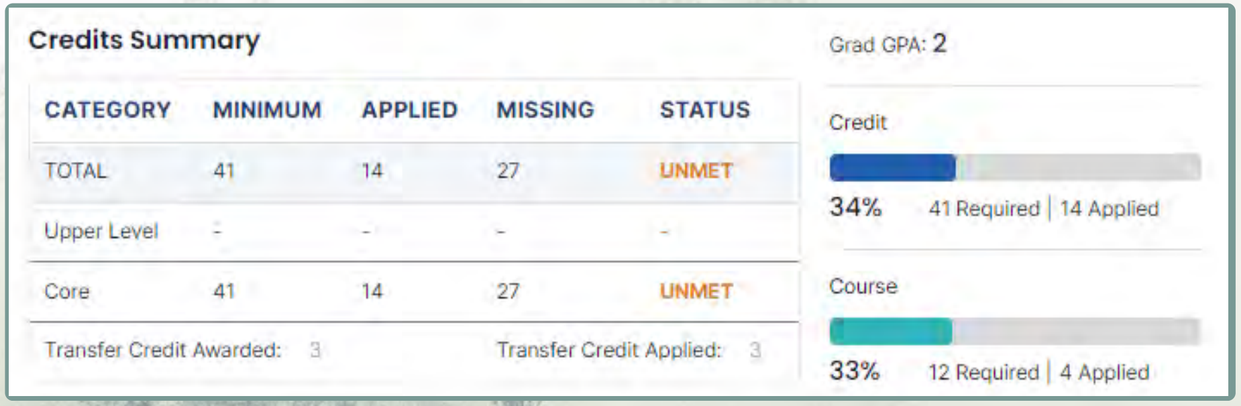
WHY BUILD A PROGRAM PROFILE?

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

Pathway module leverages the TCS workflow and the program profiles in the Program module, and both modules leverage the TCS course repository and C2C agreement repository.

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**



Credits Summary

CATEGORY	MINIMUM	APPLIED	MISSING	STATUS
TOTAL	41	14	27	UNMET
Upper Level	-	-	-	-
Core	41	14	27	UNMET
Transfer Credit Awarded:	3		Transfer Credit Applied:	3

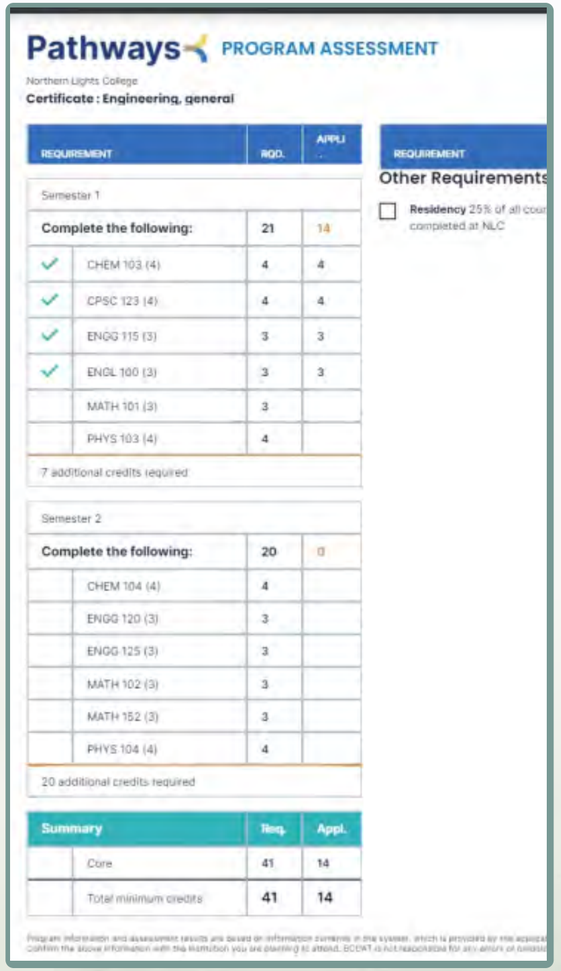
Grad GPA: 2

Credit

34% 41 Required | 14 Applied

Course

33% 12 Required | 4 Applied



Pathways PROGRAM ASSESSMENT

Northern Lights College

Certificate : Engineering, general

REQUIREMENT	RQD.	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

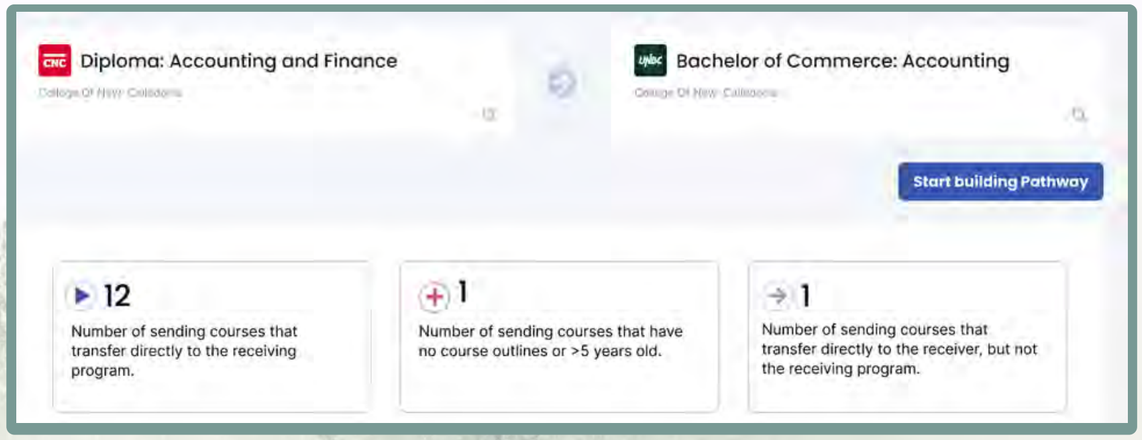
REQUIREMENT

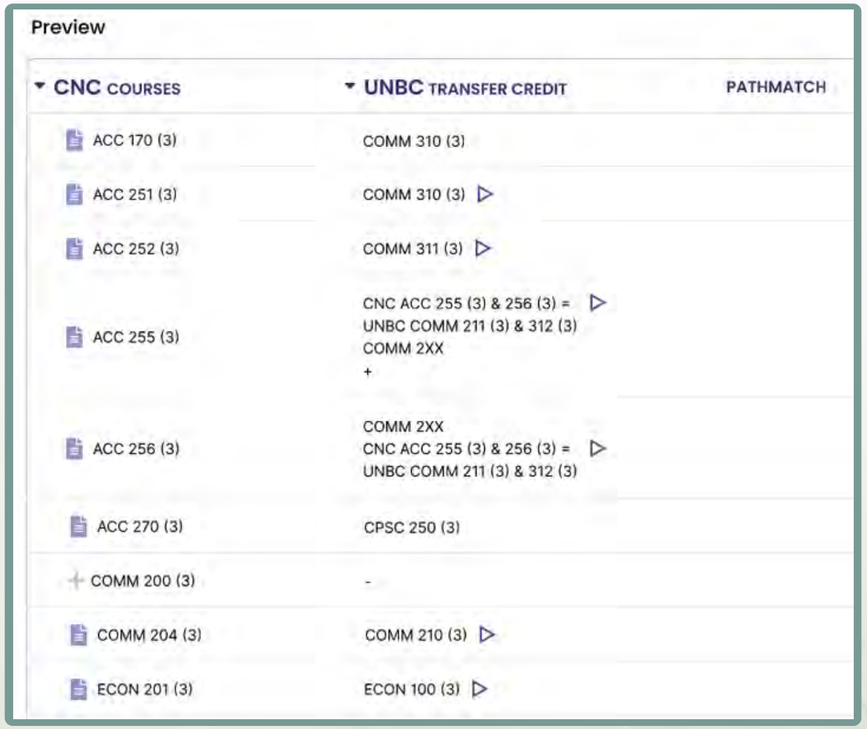
Other Requirements

☐ **Residency** 25% of all cour completed at NLC

WHY BUILD A PATHWAY AGREEMENT?

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.





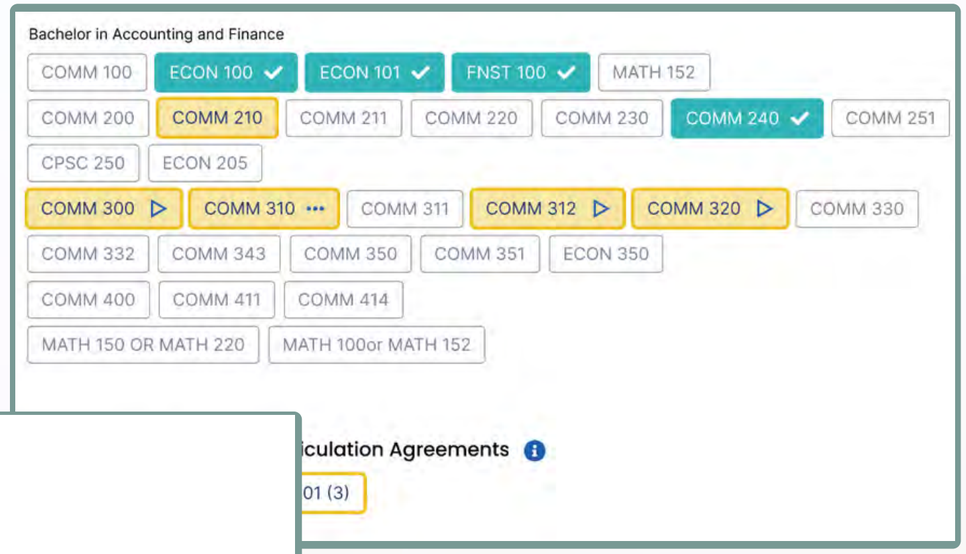
Stage 1: Sender Preparation	Stage 2: Receiver Evaluation	Stage 3: All Party Review

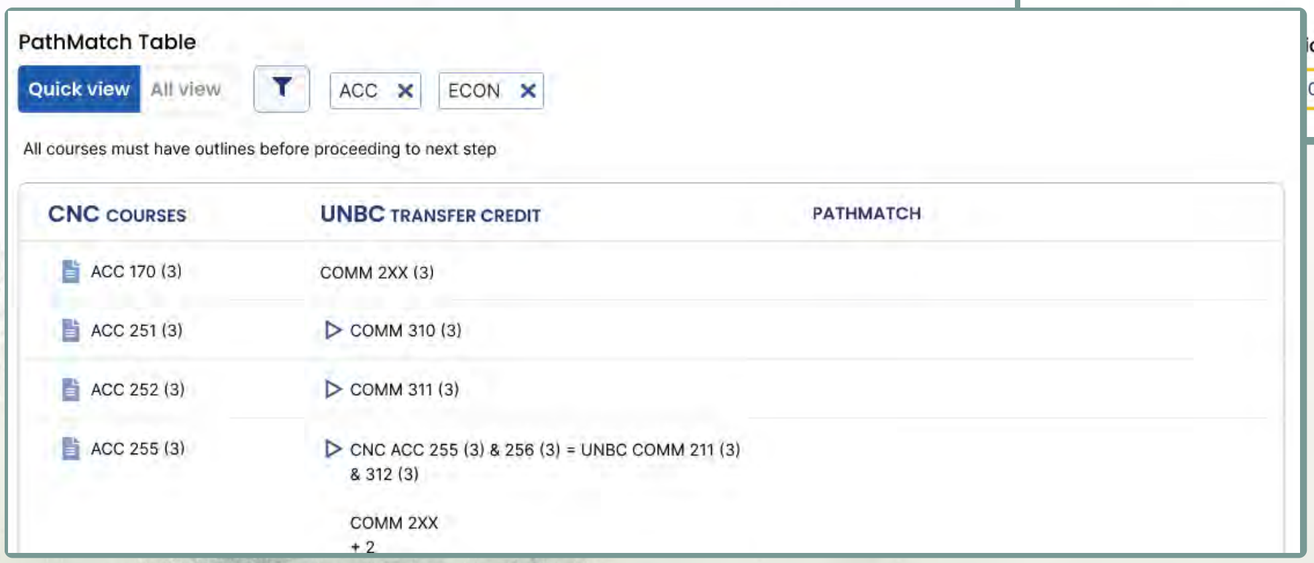
System supported communication & change management

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
- C2C transfer agreements & pathway agreements are **reaching their end date**

SME or Registrarial staff select a course to review & assess the associated C2C agreements, to **determine applicability** to meet program requirement.





Assessment decisions display as a Pathmatch, populating Pathmatch table.

Once assessments are complete, next stage is '**All Party Review**'.

PATHWAYS MOVING FORWARD

PROGRAMS & TCS PATHWAYS

Phased roll-out and implementation in Spring / Summer 2024

- identiry 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

PSI service agreements

WHAT'S NEXT?

Operationalizing Pathways

Course Refactor

Data Performance (datamart)

Dashboard Enhancements

Agreement builder expansion

All resource dependent!

THANK YOU

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