



BCCAT TECHNOLOGY UPDATE

the path to the future



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#bccatJAM2023

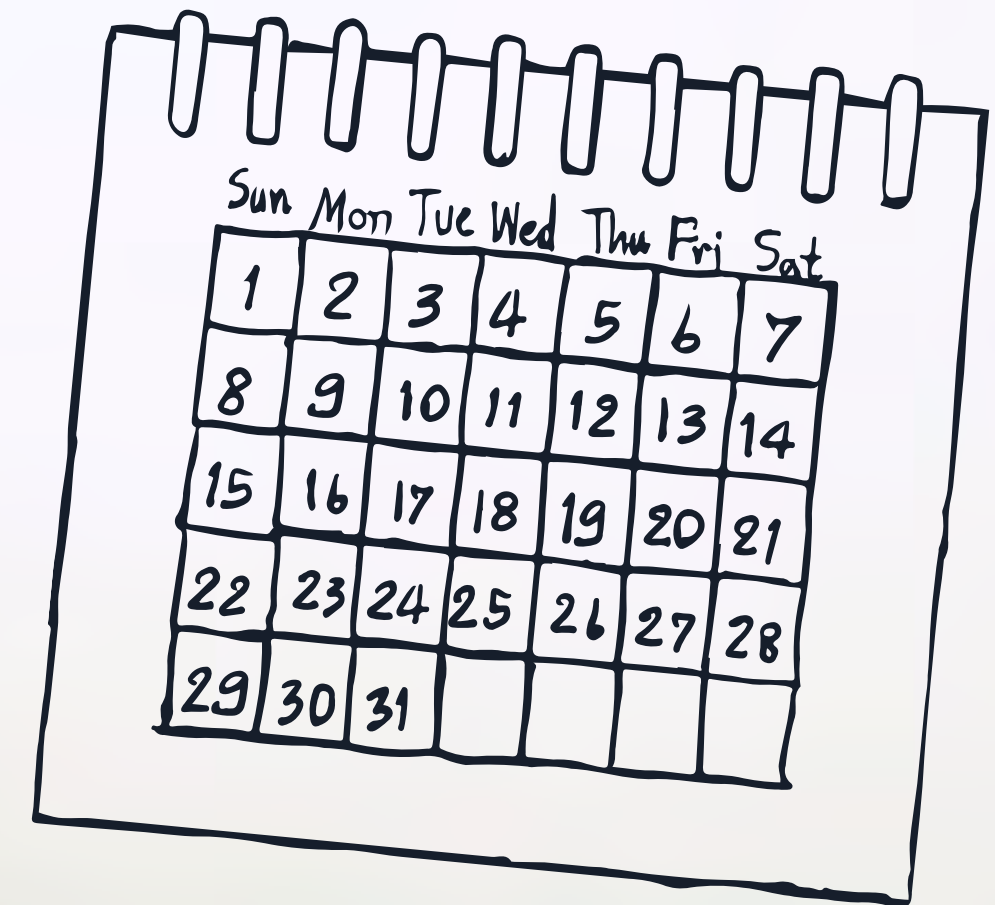
AGENDA

TCS update

Recent projects

Pathways initiative

The Future Path



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

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



The screenshot shows the Transfer Credit System (TCS) interface. The top navigation bar includes links for Home, Institutions, Agreements, View, Admin, and Resources. Below this, there are tabs for Requests, Submitted, Received, Publish, Check for Errors, and Changes. The main content area is divided into several sections:

- Agreements To Publish:** A section with a large number '2' and the text 'course-to-course agreements ready for publishing'.
- Activity:** A table showing activity over time.
- Evaluation Request Summary:** A table showing the status of evaluation requests across various institutions.

| | Week | Oct | Sep-Dec |
|-----------|------|-----|---------|
| Sent | 1 | 911 | 6045 |
| Received | 18 | 917 | 6361 |
| Completed | 31 | 788 | 3770 |
| Expired | 5 | 187 | 304 |
| Closed | 20 | 322 | 1713 |

| Receiver | New | To Confirm | Forwarded | Expiring |
|--------------------------|-----|------------|-----------|----------|
| Alexander College | 5 | 8 | 60 | 0 |
| Attabasca University | 902 | 8 | 8 | 6 |
| Camosun College | 79 | 40 | 173 | 8 |
| Columbia University | 78 | 2 | 368 | 29 |
| Coast Mountain College | 1 | 4 | 182 | 8 |
| College of New Caledonia | 2 | 0 | 785 | 7 |
| College of the Rockies | 118 | 7 | 101 | 8 |
| Columbia College | 21 | 1 | 84 | 8 |
| Cowichan College | 119 | 8 | 37 | 11 |

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

Agreements For Review[®]

74

published agreements are approaching their expiry date.

77

new opportunities to reciprocate for review.

Opportunity to Reciprocate

The following University of British Columbia - Vancouver courses transfer directly to CNC ENGL 103. Do you want to reciprocate?

| Sending Course | Rcvr | Transfer Credit | Starts | Ends | Last Assessed |
|--|------|------------------|--------|------|---------------|
| <input checked="" type="checkbox"/> UBCV WRDS 158B (3) | CNC | CNC ENGL 103 (3) | Sep/14 | | Sep 8, 2023 |
| <input checked="" type="checkbox"/> UBCV ENGL 112 (3) | CNC | CNC ENGL 103 (3) | Sep/06 | | Oct 5, 2018 |

BCTG Hosted Search Examples

Hosted Search Widgets

[Transfer In](#)
[Transfer Out](#)
[Samples](#)

Transfer In Widget

The Transfer In widget enables a search box to show how courses transfer into your institution.

Note: To utilize your public website key, contact your Transfer Credit System (TCS) account holder.

Instructions:

- Set customization options.
- We send data to your widget (displayed and full) search results.
- Create generated markup info as HTML code on your website.
- Confirm search results as expected.

Below is my (y) BCCU version instruction (for 2dr view's course already assessed each time).

```
<XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX>
```

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



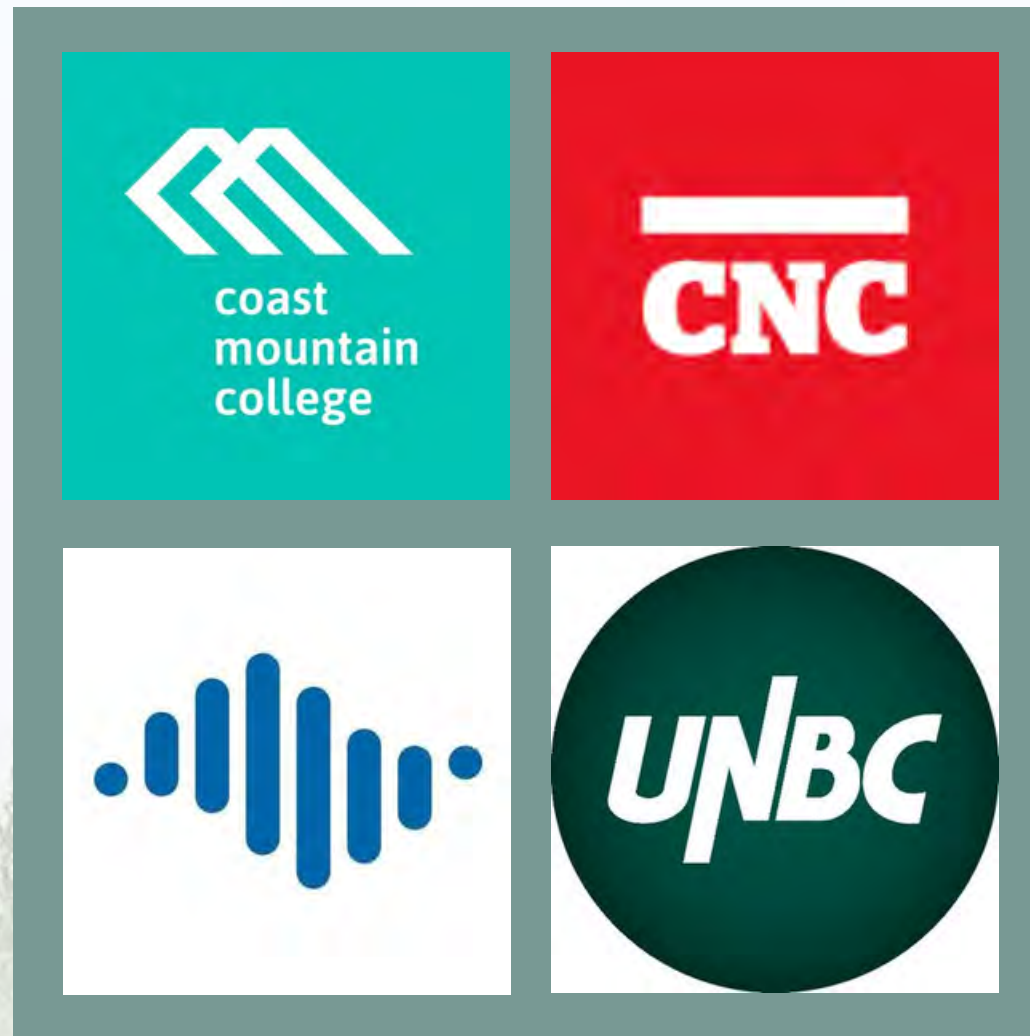
The Pathways tool facilitates **pathway development** by identifying and resolving **equivalency gaps** (as appropriate) between programs

Use **existing TCS management platform & data**

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

proof of concept 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:

Pathways

Dashboard

Pathways

Programs

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 | REQ. | APPL. | |
| 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 for the applicant to confirm the above information with the institution you are planning to attend. BCCAT is not responsible for any errors or omissions.

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.

Diploma: Accounting and Finance
College Of New Caledonia

Bachelor of Commerce: Accounting
College Of New Caledonia

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 |
| 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) ▶ |

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.

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

iculation Agreements ⓘ

01 (3)

PathMatch Table

Quick view All view

ACC ECON

All courses must have outlines before proceeding to next step

| CNC COURSES | UNBC TRANSFER CREDIT | PATHMATCH |
|-------------|---|-----------|
| ACC 170 (3) | COMM 2XX (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 + 2 | |

Assessment decisions display as a Pathmatch, populating Pathmatch table.

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

PATHWAYS MOVING FORWARD

Phased roll-out and implementation in Spring / Summer 2024

- identify 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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