





Digital Learning Strategy Forum

November 23, 2023





Access to Quality Education

Preparation for the Digital Workforce

Digital Learning Strategy

Flexibility & Lifelong Learning

Innovation & Adaptability

Equity &

Inclusion



B.C.'s Post-Secondary Digital Learning Strategy: Development and Implementation Activities

Brief Overview



Digital Learning Strategy Background

Fall 2021

Digital Learning Advisory Committee and Working Groups initiated

Summer 2022

Over 30 consultations with the post-secondary system

Winter 2022/23 Initial implementation plans for the strategy developed

Spring 2023 Onwards Implementing the strategy; ongoing collaboration















Spring 2022

Consultation draft of the Digital Learning Strategy produced

Fall 2022

Strategy revised and validated with the committee

Spring 2023

Strategy Implementation Groups began



Strategy Overview: Strategic Priorities

1. Policies and Processes

2. System Collaboration

3. Enhancing Digital Equity



1. Policies and Processes



Guidelines for Technology-Enhanced Learning



Ethical, Accessible, and Responsive
Use of Technology



B.C. Post-Secondary Digital Literacy Framework



Annual System-Wide Forum



2. System Collaboration



1. Coordinated
Technology
Investment Strategy



2. Software Repository



3. Shared Educational Resources

3. Enhancing Digital Equity





Provincial Advising **Supports**



Indigenous Intellectual **Property** and Licensing



Remote Access to Software and **Applications**



Shared **Technology** Helpdesk



Digital Learning Strategy Implementation Overview Status of Implementation Activities

Initiative Proposals to be Developed

Support for rural and Indigenous institutes to participate in the DLS

Remote Technology Helpdesk

Remote access to software for learners

Provincial Credit Bank

Initiative proposals initiated or under development

Indigenous Intellectual Property informational resources

Digital Learning Technology
Discount Program

Software Repository

Ethical Educational
Technology informational
resources

Digital Literacy Open Education Resource Repository

Digital Learning Strategy Forum - November 23, 2023

Professional Development for Educators

Shared Educational Resources and Technology

Launched Deliverables

B.C. Post-Secondary Digital Learning Strategy

Guidelines for Technology-Enhanced Learning

B.C. Post-Secondary Digital Literacy Framework

<u>Digital Learning Strategy</u> <u>Website</u>





Access the Digital Learning Strategy



https://www2.gov.bc.ca/gov/content/ed ucation-training/post-secondaryeducation/institution-resourcesadministration/digital-learning-strategy

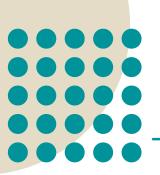
Contact us: PSFS.DPP@gov.bc.ca



BCcampus and DLS



- History
- Digital Learning Strategy Implementation Activities
 - Facilitating Learning Online Series
 - Digital Pedagogy Toolbox
 - Student Research Fellows
 - Sector Advisory Committee (SAC)
 - Shared Educational Resources and Technology (SERT)
 - DL OER Repository



BCcampus 2003–2023





Home | Get Started | Apply & Register | Programs/Courses | Advising | Login to Courses |

Welcome to BCcampus

BCcampus is a collaboration of post-secondary institutions in British Columbia providing an online central access point to post-secondary online and distance learning courses, programs and resources.

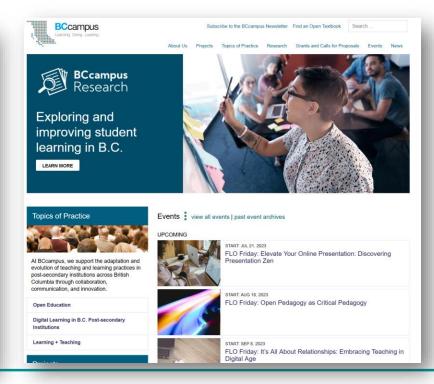
It is envisioned that, once fully implemented, BCcampus will facilitate a seamless path from application to graduation for distance learners in British Columbia. In addition to providing access to online and distance education courses and programs available throughout the British Columbia public post-secondary system, BCcampus will provide support services and other resources for learners, faculty and course developers, staff and administrators.

BCcampus invites you to explore this site to find out more about available distance learning opportunities at public post-secondary institutions in British Columbia. As more BCcampus programs and services are phased in over the next two years, be sure to check the site on a regular basis for updates.

News Flash!

See the schedule for ABE Courses

Help | Contact Us | Site Map | Background | @2003



BCcampus



- Open Education
- Collaborative Programs
- Online Learning and Technology Integration
- Professional Development
- Research and Evaluation





Join us for upcoming Facilitating Learning Online offerings

REGISTER NOW





FLO and the DL Framework Competencies

Creation & Curation	Communication & Collaboration	Digital Scholarship	Digital Wellbeing	Technology Support	Ethical & Legal
FLO Friday: Engagement Strategies for Hybrid/HyFlex Courses FLO MicroCourse: Create an	FLO MicroCourse: Create Course Community FLO MicroCourse: Design your Liberating Structures	FLO MicroCourse: From Digital Literacy to Digital Fluency	FLO Friday: Digital Well-Being: PERMA 2.0 and More FLO Friday: Navigating Authenticity & Anonymity in your Online Identity	(FUN) FLO Friday: Tech Tools for Engagement FLO EdTech Sandbox Series: Mattermost , Podcasting, & Padlet	FLO MicroCourse: Future Facing Assessments: How to Use AI in the Design of Alternative Assessments
Explainer Video FLO MicroCourse: Musing Around with Artificial Intelligence and Pedagogy	FLO Friday: It's All About Relationships: Embracing Teaching in the Digital Age		FLO Lab: Drawn Into Al Angst: Can I Really Prove I am Not a Robot?		FLO Panel: Artificial Intelligence in Post-Secondary Education, a B.C. Perspective



Digital Pedagogy Toolbox Series

Introduction to the DL Framework	Creation & Curation	Digital Wellbeing	Technology Support	Ethical & Legal
Integrating Digital Literacy Practices Digital Literacy Outcomes (coming this December)	Creating Engaging, Interactive Learning Resources	Cultivating Digital Well-Being as a Social Practice with the PERMA Framework	Use Games, But Use the Fun Parts Early Considerations for ePortfolios in WordPress Let's Make Friends with ChatGPT Generative Al in Teaching and Learning: The Least You Need to Know Engaging with Technology and Accessible Practice	Ethics as Design Designing for Care with Personas Fostering Meaningful Education Experiences (this fall)



BCcampus Student Research Fellows





Kim Ashbourne, UVic



Marta Samokishyn, RRU





Algorithmic Awareness Toolkit: Teaching Algorithmic Literacy in Academic Libraries and **Beyond**

Instructor's guide

Marta Samokishyn

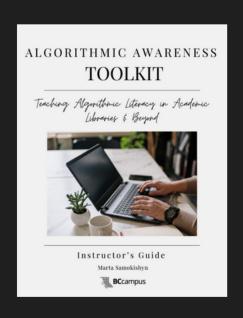






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READ BOOK





Open Education Practices & DL Framework

Understand and Use digital Use technology to communicate Recognize that different Identify opportunities to share Ensure t	
respect intellectual property rights in and tools to digital spaces expand understand digitally delivered decisions about where you share your work and the work of others Uphold accessibility protocols when developing learning resources Be able to use technology to enhance digital learning opportunities to concepts Information complex ideas and share, interpret, and accurately understand digitally delivered information ways of working in choosing and using open access a ssessmant shat teach learners on concepts Information inderpret, and accurately ways of working in choosing and using open access a ssessmant share, interpret, and accurately interpret, and support a choosing and using open access a ssessmant share acces and some ways of working in choosing and using open access a ssessmant share accurately ways of working in choosing and using open access a ssessmant share accurately ways of working in choosing and using open access a ssessmant share in digital spaces Use digital skills to meaningfully contribute interpret, analyze, ethically use, synthesize, and communitate in formation in digital spaces Support a co-creational model, placing community expertise at the centre of projects and leadership with peers to develop digital learning opportunities to community based learning by building and maintaining relationships	course and respect ials, intellectual ments, property rights ctivities and use cessible content



Open Education Practices & DL Framework

Creation & Curation	Information Literacy	Communication & Collaboration	Community- based Learning	Digital Scholarship	Technology Support	Ethical & Legal
Open textbook creation and adaptation grants SkilledTradesBC Plumbing Resources Digital Literacy Repository	OER Findability project	EDI psychology open textbook adaptation BC Open Education Librarians (BCOEL)	Open Pedagogy Challenge	Digital Pedagogy & Trades	Accessibility Bites OpenETC	Creative Commons & open licensing support Guidelines for use of Generative Al for OER Creation



Sector Advisory Committee (SAC)

Launch the Sector Advisory Committee (SAC), which will support the Professional Development for Educators initiative as part of implementation of the Digital Learning Strategy.

The Sector Advisory Committee will provide advice on technologyenhanced and -enabled professional development opportunities for educators within B.C.'s post-secondary system as part of phase two.





Shared Educational Resources and Technology (SERT)

The purpose of this initiative is to support system collaboration to reduce costs related to enabling high quality technology-enhanced learning experiences in B.C.'s post-secondary system by supporting the use and development of shared or openly licensed software, applications, curriculum, and course materials.

November 23, 2023

DR. BRIT PARIS, CAPILANO UNIVERSITY

Developing an Institutional Digital Learning Framework

Our Path & Lessons Learned



Capilano University is named after Chief Joe Capilano, an important leader of the Skwxwú7mesh (Squamish) Nation of the Coast Salish Peoples. We respectfully acknowledge that our campuses are located on the territories of the Lílwat, x^wməðk^wəỷəm (Musqueam), shíshálh (Sechelt), Skwxwú7mesh (Squamish) and Səlílwəta?/Selilwitulh (Tsleil-Waututh) Nations.





Agenda

- 1. Setting the Stage Why and What
- 2. CapU's Process
- 3. Final (Draft) Product
- 4. Lessons Learned



Setting the Stage – Why and what

- Strategic Documents
- Envisioning 2030 (Strategic Plan)

INNOVATION as a result of curiosity and imagir

GOAL 2

Use imagination to drive CapU's digital transformatic

VISION

- Identify and implement groundbreaking uses of existing technological resources across our campuses.
- Use imagination as a key component of the process to develop and implement a University-wide digital transformation plan.
- Identify innovative ways for technology to enhance the digital experience for communities.



Setting the Stage – Why and what

- Strategic Documents
- Envisioning 2030 (Strategic Plan)
- Illinminating 2030 (∇cadeWic

Prioritize the continued use and adoption of digital and educational technologies to advance excellence in teaching and learning. Recognize learning and learners as emerging practitioners and knowledge mobilizers by strengthening the tools and platforms required for collaborating, curating and sharing evidence of learning.

TRANSFORMATIONAL THINKING

Guided by Envisioning 2030's commitment to transformative learning experiences, the Academic Plan 2030 values the creation of rich opportunities for the learning and unlearning that precede new learning. Appreciating learners as imaginative

4

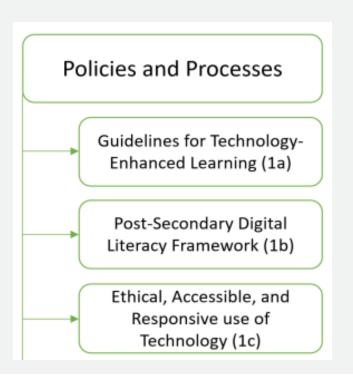
Create and implement a post-pandemic framework for online learning (based on a purposeful learning and learner-centred approach) that is reflective of leading practices.



Setting the Stage – Why and what

Strategic Documents

- Envisioning 2030 (Strategic Plan)
- Illuminating 2030 (Academic Plan)
- B.C.'s Post-Secondary Digital Learning Strategy





Setting the stage – why and what

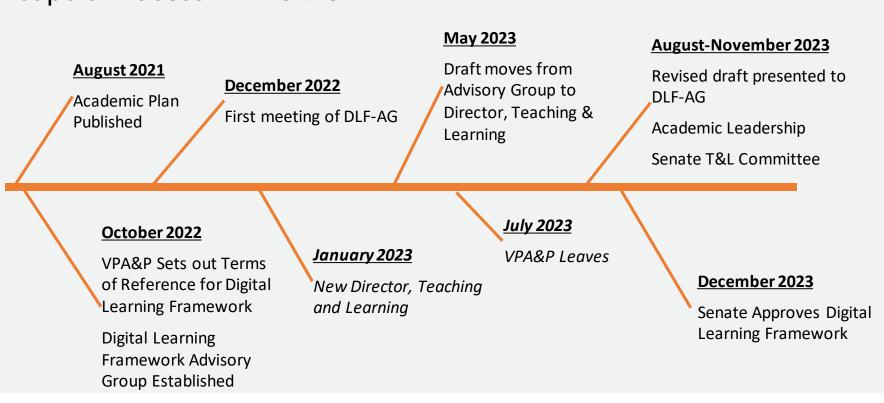
Terms of Reference

Purpose

The purpose of the **digital learning framework** is to enable Capilano University to move towards its strategic goals of providing distinctive university experiences, animated by the imagination and innovation of its learners, deeply connected to the communities it serves, while advancing goals of social equity & access as well as environmental sustainability, and serving as a powerful mechanism for campus integration.



Capu's Process - Timeline





Capu's Process – Advisory group

- Associate Vice-President Academic & Provost (Chair)
- Faculty Associate Lead
- Senate Teaching and Learning Committee (1)
- Faculty (5 Faculties + Continuing Studies)
- Information Technology
- Student (Student Digital Ambassador)
- Director, Teaching and Learning
- Director, Academic Initiatives and Planning
- Dean (1)

+ Indigenous Faculty Representative



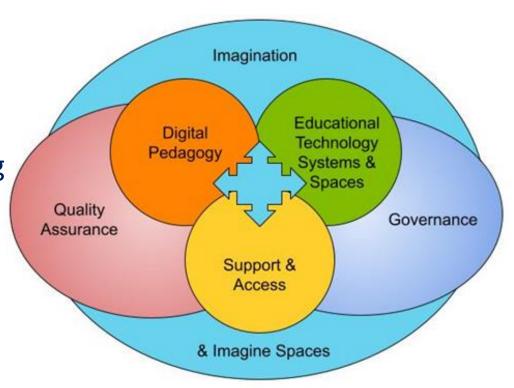
1 meeting per "bucket" Led by Faculty Associate





Final (Draft) Product

- 1. Guiding Definitions
- 2. Modes of Delivery
- Guidelines for Determining Course Modality
- 4. 6 Spheres and Goals
- 5. Separate Action Plan





Lessons Learned

- Everything takes more time than you think!
- **Expertise matters**
- Representation matters
- Reference/guiding documents matter
- Consultation Group versus Advisory Group versus Authors
- It can be fun!



@BCcampus

Thank you!













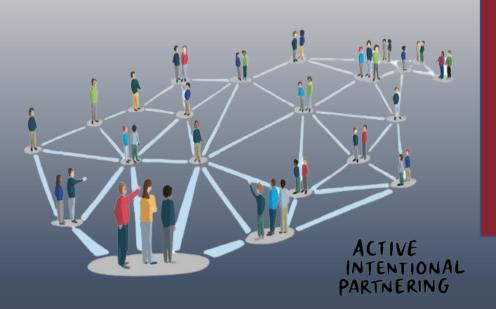


Introducing the DLS Scorecard

- Dr. Leeann Waddington, AVP Teaching and Learning, Kwantlen Polytechnic University
- Ben Ferrel, Executive Director, Digital Policy & Business Transformation Branch, Ministry of Post-Secondary Education and Future Skills







Through active intentional partnering, the Teaching & Learning Commons provides pedagogical leadership that is grounded in community, ethics, creativity, and care.





Rationale

Organize	recommendations to find synergy					
Provide	a structured approach to support action planning					
Acknowledge	our existing strengths					
Minimize	duplicated efforts					





Partnership and Collaboration: Expanding the vision







SYSTEM-LEVEL AND INSTITUTIONAL-LEVEL ACTION ITEMS

DATA COLLECTION

BEST PRACTICES





Survey

B.C.'s Post-Secondary Digital Learning Strategy Scorecard - DRAFT

"DLAC Scorecard Template" by Dr. Leeann Waddington, Dr. Nishan Perera, Daniel Benzimra, Kwantlen Polytechnic University is licensed under CC BY 4.0 / A derivative from the original work.

This scorecard will assess the degree to which a post-secondary institution is meeting the strategic priorities and recommended actions developed by the Digital Learning Advisory Committee and identified in **B.C.'s Post-Secondary Digital Learning Strategy** (https://www2.gov.bc.ca/assets/gov/education/post-secondary-education/institution-resources-administration/digital-learning-strategy/digital learning_strategy.pdf).

This survey is being conducted by the Digital Policy and Business Transformation Branch (DPBT) in the Ministry of Post-Secondary Education and Future Skills in partnership with Dr. Leeann Waddington, Dr. Nishan Perera, and Daniel Benzimra from Kwantlen Polytechnic University.





Scorecard Sample

ACTION BY: Post-Secondary Institutions										
Recommended Action				Status (SCORE CARD)						
		Associated DLS Implementation Initiative (reference documents or related projects/programs underway to support implementation) Colour-coded legend: Green: Launched deliverables Yellow: Initiative proposals initiated or under development Blue: Initiative proposals to be developed	What do you have in place that supports the recommended action?	Not Implemented 1	On the Radar	In Progress 3	Implemented	Additional Notes	Action Items	Who are your Partners (internal and external)
Recommended action 1 (a): Institutions are encouraged to implement the Guidelines for Technology-Enhanced Learning including by:	i. Establishing a localized cross- functional digital learning advisory body,	Guidelines for Technology-Enhanced Learning available on the Digital Learning Strategy Website.								
	ii. Incorporating the Guidelines into institutional strategic planning and reporting, and									
	iii. Considering the Guidelines when developing new programs and proposals for targeted Ministry funding.									





Sample Responses – KPU

ACTION BY: Post-Secondary Institutions										
Recommended Action		Associated DLS Implementation Initiative (reference documents or related projects/programs underway to support implementation) Colour-coded legend: Green: Launched deliverables Yellow: Initiative proposals initiated or under development Blue: Initiative proposals to be developed		Status (SCORE CARD)						
			What do you have in place that supports the recommended action?	Not Implemente d	On the Radar	In Progres s	Implemente d	Additional Notes	Action Items	Who are your Partners (internal and external)
				1	2	3	4			
Recommended action 1 (a): Institutions are encouraged to implement the Guidelines for Technology-Enhanced Learning including by:	į. Establishing a localized cross- functional digital learning advisory body,				x			Currently have SSCTL and planning an IT governance steering committee		Faculty, <u>acad</u> areas, SSCTL, IT
	ii. Incorporating the Guidelines into institutional strategic planning and reporting, and	Guidelines for Technology-Enhanced Learning available on the <u>Digital Learning Strategy Website</u> .			x			Assessing TL strat plan and ops goals		
	iii. Considering the Guidelines when developing new programs and proposals for targeted Ministry funding.			х					Discuss with curriculu m office	Curriculum office, Senate, SSCC





Next Steps and Timeline



Questions or Discussion



Teaching.andlearningcommons@kpu.ca



PSFS.DPP@gov.bc.ca



kpu.ca/teaching-and-learning



Ben.Ferrel@gov.bc.ca



KPU Teaching & Learning Commons



B.C. Post-Secondary Digital Learning Strategy



Break

Reconvene at 10:35 am





World Café

Purpose: To support conversations that matter to the implementation of the Digital Learning Strategy in B.C. and in your institutions

World Café Guidelines

- 1. Focus on what matters
- 2. Contribute your thinking
- 3. Speak your mind and heart
- 4. Listen to understand
- 5. Link and connect ideas
- 6. Listen together for insights and deeper questions
- 7. Have FUN



World Café Table Hosts

- Table 1: Tracy and Britt
- Table 2: Ben and Emily
- Table 3: Carol and Kyle
- Table 4: Clint and Selina

20 minutes at each table.



LUNCH

Please reconvene at 12:50 pm



World Café Harvesting

- Table 1
- Table 2
- Table 3
- Table 4



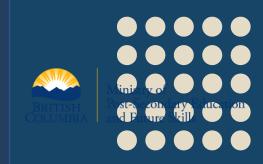


Ethical Educational Technology Working Group

Overview and Key updates

November 23, 2023

Anne-Marie Scott Carol Ribeiro, PSFS



Why did we establish an Ethical Educational Technology Working Group?





MANAGING RISKS

EXPLORING BENEFITS

Responsibilities

Ethical and Accessible
Considerations for
Educational
Technology

Protection of Indigenous Knowledge and Intellectual Property

Ethical Educational Technology Working Group

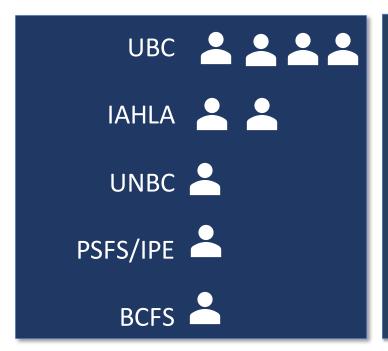




PURPOSE

VISION

Membership, Composition, Cadence







Process – Environmental Scan

Title

Source/Source Type

Description

Jurisdiction (country, province, PSI, etc.)

Key Categories

Link

WG Member Contributor

Meetings and Drop-in Sessions Topics

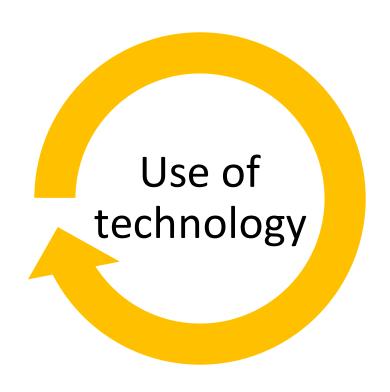
• Data Management, Analytics, Privacy, and Security and Emerging Technologies,

Accessibility, Equity, Diversity, and Inclusion, Gender Based Analysis (GBA+),
 Indigenous Scholarship and Practice, and Care, Wellbeing, and Community,

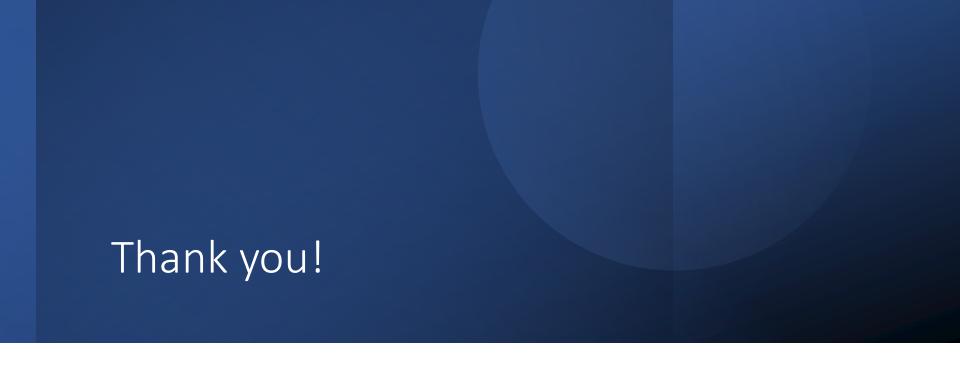
• Economic Models and Environmental Sustainability, and

 Academic Integrity; Law, Regulation, and Policy; and Monitoring, Evaluation, and Research.

Intended Outcomes



- Ethical
- Accessible
- Responsive



Contact us at: PSFS.DPP@gov.bc.ca

UBC Vancouver's Universal Design for Learning Fellows Program



Simon Bates, Christina Hendricks & Afsaneh Sharif

University of British Columbia, Vancouver



Land Acknowledgment



University of British Columbia (UBC) Point Grey Campus (Vancouver, Canada)

located on the traditional, ancestral, and unceded territory of the xwməθkwəyəm (Musqueam) People.



The British Columbia Institute of **Technology**

campuses are located on the unceded traditional territories of the Coast Salish Nations of xwməθkwəyəm (Musqueam), Skwxwú7mesh (Squamish), and səlilwəta?ł

ı(Tsleil-Waututh)ı





Today's Session

- Overview of the motivations and goals for the UDL Fellows program at UBC Vancouver.
- Design and delivery of the program
- Early evaluation results
- Next cohort of Fellows







BC's Post-Secondary Digital Learning Strategy

- Policies and Processes
 - Guidelines for Technology-Enhanced Learning (1a)
 - Guiding Principle: Inclusive and Universal design for learning, Courses at the post-secondary level should adopt universal and inclusive design for learning and recognize all learning modalities, and pedagogies.
- System Collaboration
- Enhancing Digital Equity







UDL Fellows program at UBC

- Originated from two collaborative initiatives' recommendations:
 - Provincial Level: <u>British Columbia Digital Learning Strategy</u>
 - Institutional Level: <u>University of British Columbia's Beyond Covid</u>
 <u>Report</u>
- Supported and funded by the Provost and Vice-President Academic office to build capacity and awareness across campus.





UDL Fellows 2023 Cohort

- Nominated teams: 16 teams across 11 Faculties + Vantage College
 - 21 courses identified with a diversity of learning contexts
 - Projects identified by teams have the potential to impact approximately
 5500 UBC students over the next year Winter Term1/Winter Term 2
 - Course release (\$10K) for instructor to Departments/ Faculty commit inkind time for support staff team member to take part in the program.



UDL Fellows Program Goals

- Identify and address systemic barriers to equitable learning opportunities, to create and sustain equitable and inclusive campuses (enhancing the accessibility of physical and virtual spaces for students, staff, and faculty)
- **Improve** access and inclusion in on-campus, online and hybrid teaching and learning environments with a focus on reducing barriers for students with disabilities.
- Develop a network of practitioners with expertise in applying UDL approaches in the design and delivery of courses across a range of disciplines and who will promote the practice of UDL amongst faculty and staff across UBC
- Develop a range of strategies and resources to help increase support for accessibility in UBC courses and on its campuses





UDL Fellows Activities Timeline

Development: October 2022 - April 2023

- Fall 2022: Formed planning team & working groups
- Feb-April 2023: Materials developed

Delivery: May - August 2023

Teams take part in UDL Fellows program activities

Implementation: September 2023 - April 2024

- Implementation into courses
- Evaluation & sharing of outputs





Campus-Wide Partnership

The UDL Fellows Program is a partnership between Central and Faculty-based units and people:

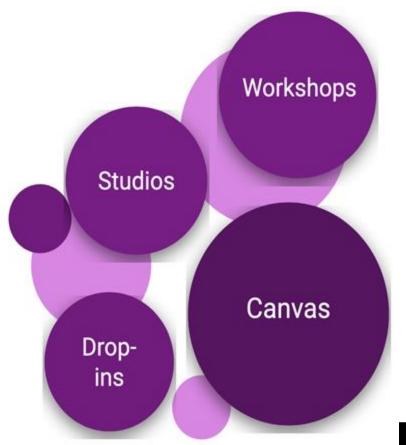
- Centre for Teaching, Learning and Technology
- Centre for Accessibility
- Faculties:
 - Arts, Education, Land and Food Systems,
 Pharmaceutical Sciences, Science
- Disabled student consultants





Program Components and Activities

- 1. UDL Canvas shell:
 - Resources, discussions, UDL challenges
- 2. UDL Workshops: online
- 3. UDL Studios: in person
- **4. Drop-in support sessions**: online
- **5.** <u>UDL Hub</u>: Resources about accessibility & UDL





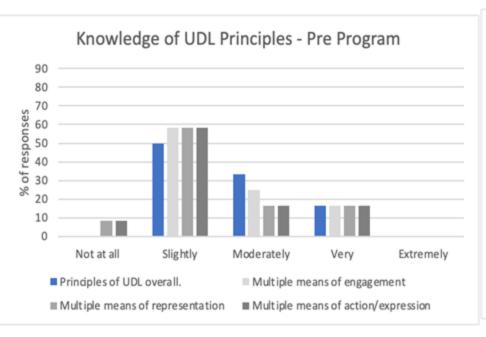
Program Support and Evaluation

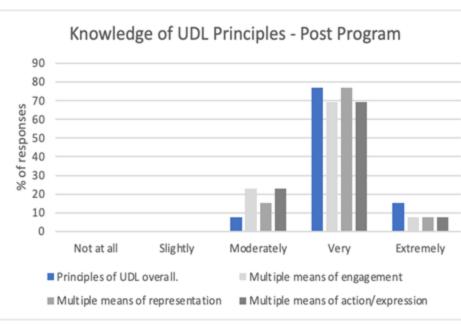
- Program Planning team
- UDL Consultants
- Canvas Course Facilitators
- Evaluation Support



Pre- and Post Feedback from 2023 Cohort - Knowledge



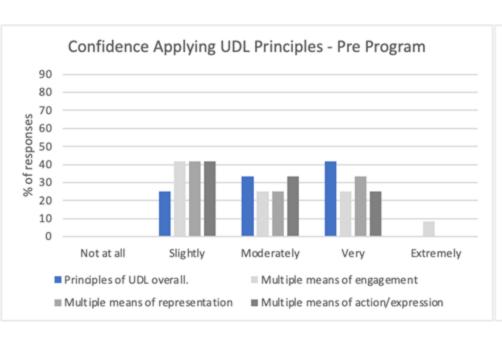


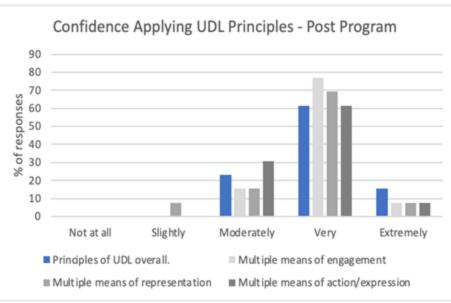


May 2023 - N = 12 September 2023 - N = 13



Pre- and Post Feedback from 2023 Cohort: Application





We are also evaluating:

- O Delivery model/timing for the program to inform revisions for 2nd cohort
- o Impact at the project level from student surveys in the courses where UDL principles



Next Cohort and Next Steps

- Evaluation of the program
- Modification of the program Continuous improvement
 - Challenge of capacity and strength of flexibility
 - Cohort-building and more collaboration among the teams
 - Staff-specific experience and content
- Faculty nominations for project teams (instructor/staff) January 25, 2024
 - Course release (\$10K) for instructor to Departments/
 Faculty commit in-kind time for support staff team member to take part in the program.



Resources

- UBC UDL Fellows Program
 - https://tlef.ubc.ca/application/special-call/universal-design-for-learning-fellows-program/
- UBC's Beyond Covid Report https://academic.ubc.ca/vpa-initiatives/teaching-learning/beyond-covid-report
- UBC's Introduction to Universal Design for Learning Module https://canvas.ubc.ca/courses/31444/pages/1-introduction-to-universal-design-for-learning?module_item_id=1153605
- UBC's UDL Hub

https://udlhub.ubc.ca







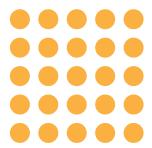




Break

Reconvene at 3:00 pm





Crowdsourcing 25/10

Step 1: On an index card, write a big idea or suggestion in response to the question.

Step 2: Mill and pass — no reading cards.

Step 3: Exchange thoughts and give an individual score between 1 and 5 (1 is low and 5 is high).

Step 4: Repeat this 4 times.

Step 5: Add up the 5 scores on the back of the card.



Question 1:

What do we need to do as a system to collaborate and keep resources fresh?



Question 2:

What are the barriers (besides time and money) to institutions being responsive to changing technology?





Closing Remarks and THANK YOU!

