

Minutes

Attendees:

Voting PSI Attendees:

Chen, Susan	Camosun College	chen@camosun.bc.ca
Wlodyka, Mark	Capilano University	markwlodyka@capilanou.ca
Sibbald, Regan	Coast Mountain College	RSibbald@costmountaincollege.ca
Rudecki, Barbara	College of New Caledonia	rudecki@cnc.bc.ca
Samiei, Maryam	Columbia College	msamiei@columbiacollege.ca
Majdanac, Allan	Douglas College	majdanaca@douglascollege.ca
Poon, Michael	Kwantlen Polytechnic	michael.poon@kpu.ca
Tamás, Csilla	Langara College	ctamas@langara.ca
Lightfoot, Dennis	North Island College	Dennis.Lightfoot@nic.bc.ca
Ghadirian, Mortesa	Northern Lights College	mghadirian@nlc.bc.ca
Langedyk, Ken	Okanagan College	klangedyk@okanagan.bc.ca
Briglio, Tessa	SFU	fas_international@sfu.ca
Nasseri, Ali	Selkirk College	ali@nasseri.ca
Mohammed, Emad	Thompson Rivers University	emohammed@tru.ca
Madsen, Kammi	Thompson Rivers University	engr@tru.ca
Tsang, Herbert	Trinity Western University	herberttsang.twu@gmail.com
Jaeger, Carol	UBC – Vancouver	carolj@apsc.ubc.ca
Cao, Yang	UBC	Okanagan yang.cao@ubc.ca
Jackson, LillAnne	University of Victoria	engradu@UVIC.ca
Mulhern, Peter	University of the Fraser Valley	Peter.Mulhern@ufv.ca
Dziedzic, Mauricio	UNBC	mauricio.dziedzic@unbc.ca
Sellwood, Andy	Vancouver Community College	asellwood@vcc.ca
Ken von Schilling	Vancouver Island University	Ken.vonSchilling@viu.ca

Non-Voting PSI Attendees:

Arundel, Victoria	Thompson Rivers Univ	Long, Lin	Univ of the Fraser Valley
Burrage, Peter	Camosun College	Maalej, Sirine	Columbia College
Cao, Yang	UBC – Okanagan	Murphy, Mary	UBC – Vancouver
Hegedus, Mike	Simon Fraser Univ	Ostrikoff, Patti	UBC – Okanagan
Kirkey, Jennifer	Douglas College		

Guests:

Anna Tikina,	BCCAT Director, Research & Admissions
Tim Carson,	BCcampus Open Education Advisor
Jennifer Kirkey,	Douglas College, Physics
Agnes d'Entremont,	UBC, Mechanical Engineering
Pete Ostafichuk,	UBC, Mechanical Engineering
Caroline Westra,	Engineers and Geoscientists BC (EGBC)

Hosts:

Mina Hoorfar	Dean, Engineering and Computer Science, University of Victoria
Mimi Lin	Admissions/Advising Assistant, University of Victoria

1. Online platform opened (coffee and chat time) at 9:30am**2. Meeting procedures, agenda and introductions were made.**

- Welcome from the host, University of Victoria, new Dean of Engineering and Computer Science, Mina Hoorfar.
- Procedures for meeting reviewed
- Territorial Acknowledgement made
- During breaks, Michael Poon, this year's Articulation Chair, will set up breakout rooms so individuals can have conversations

3. Reports and updates**a. Anna Tikina, BCCAT**

- Dr. Robert Adamoski, BCCAT Director, Research and Admissions has retired. Appreciation expressed for all his great work. Dr. Anna Tikina, BCCAT has been appointed the new BCCAT Director, Research and Admissions, effective April 1, 2022.
- BCCAT spring update is also available online at: <https://www.bccat.ca/pubs/Resources/ACUpdate202204.pdf>
- BCCAT assists 66 discipline articulation committees in their work. The report highlights are:
 - Joint Annual Meeting – the Nov 3 & 4, 2021 was held in hybrid format. Had 400 attendees. Topics included, academic honesty, Covid, etc. [JAM 2021 Welcome Remarks, Territorial Welcome, Minister Remarks - YouTube](#)
 - For information about: reverse transfer report, transferring credits back, etc., please visit: <https://www.bccat.ca/spotlight/2022TransferAwards>

b. Tim Carson, BCcampus

- Mr. Carson is the provincial trades representative at BC campus and is a Plumber and certified Gas fitter. As this is Mr. Carson's first articulation meeting with this group he is here not so much to report but to open conversations.
- In the last 10 years have been able to save students 21 million.
- Will leave his email with Michael Poon if anyone would like to touch base. He is very interested in any projects/collaborations. For all information and what his office is engaged in, please sign up for the newsletter at bccampus.ca.
- The floor was opened for questions.

c. Jennifer Kirkey/Agnes d'Entremont – Open Text – Mechanics

- Spoke to textbooks they have developed. Reviewed the list of texts needed for English 1st year. A video lecture is included with each online book.
- Have been working on embedding homework in tests such as OER Mechanics - text, problems, images (links). Examples of this work are found at the following:

<http://mechanicsmap.psu.edu/>

<https://github.com/ubc-mech2/OER-mechanics-webwork/tree/master/TLEF%20reorganization>

https://commons.wikimedia.org/wiki/Category:OER_Mechanics_Images_by_UBC_Engineering_and_Douglas_College_Physics_and_Astronomy

- Noted that there is and will be lots of scope to contribute to the text content development.
- Feedback from questions

- Links will be sent out to the group.
- There are no copyright issues if attendees use this content (in course) because Hibbler Chapters are used, so no issue.
- Content is not yet publicly available as Webworks requires the content to be tested in a classroom. Can't browse for them yet but can download directly.
- Underlying format is transferable only to Webworks, no other software.
- The assignments are fully online and students can download a problem but not the answers. Can complete homework online and then download a paper copy of their homework. Can set when or never to access the solutions.
- The Mechanics text is developed but missing the problems. They are focusing on problems at the moment.

4. Institutional reports – Receiving institutions

a. **British Columbia Institute of Technology (BCIT) – Renata Wood**

- Last year they were talking about issues with transferring. Have an internal problem they are trying to work out. A lot of courses have been added as transferable but still having challenges.

b. **Simon Fraser University (SFU) – Tessa Briglio**

- Has three engineering units that are housed within its Faculty of Applied Sciences:
 - 1) School of Engineering Science (ENSC),
 - 2) School of Mechatronics Systems Engineering (MSE), and
 - 3) Sustainable Energy Engineering Program (SEE).
- Summary of institutional report:
 - Largest School is Engineering Science and have seen the greatest number of students transferring from Douglas College and then KPU.
 - Curricular updates:
 - In the School of Engineering Science, the course CMPT 128 - 3 - Introduction to Computing Science and Programming for Engineers is being replaced with ENSC 151 - 4 - Introduction to Software Development for Engineers. This course is to be completed by students in the program within their first semester.
 - In the Sustainable Energy Engineering Program SEE 464 - 3 - Energy Systems Modeling for Buildings was introduced to the program as a new technical elective. This course introduces students to modeling energy systems for buildings, focusing on envelope and mechanical systems, and their effects on energy use.
 - Three special topics courses were added to the program - SEE 475-3, SEE 476-3, SEE 477-3 to help further develop the program's curriculum
 - Students in the Major now require the completion of REM 350 -4 – Energy Management for a Sustainable Climate and Society for its relevance to the objectives of the SEE program
 - SEE Honours program was introduced with the addition of the following courses; SEE 498-3, Sustainable Energy Engineering Undergraduate Honours Thesis Proposal and SEE 499-9, Sustainable Energy Engineering Undergraduate Honours Thesis
 - Question: Is there some way to align ENSC 151 with CMPT 128?
 - Concerns expressed about some of the curricular changes and lack of timely information-sharing with the sending institutions, in order to assist transferring students in their planning.
 - Representative from SFU will take this concern and that sending institutions require a year out of any changes back to their team. Feels accommodation can be made for students affected.

c. University of British Columbia (UBC), Okanagan – Yang Cao

- Had a large first year cohort, 400+ and an initial review noted student performance is good.
- Currently there are block transfer programs with ten post-secondary institutions around BC for first-year engineering course credits to UBCO. Students who successfully complete one of the block transfer programs within one year (Sept to Apr) with a GPA of at least 2.8 are guaranteed admission into the second-year of UBC's School of Engineering. Students who are registered in an Engineering Transfer Program but who do not complete their program in one year (Sept to Apr) will be evaluated as general transfer applicants.
- Regarding University and College Transfers, the UBC School of Engineering accepts students transferring from another UBC Faculty and other institutions. Admittance depends on the average of the last 30 credits of university-transferable courses that a student has taken and on the average of the mathematics, chemistry and physics courses. Students will be admitted into second-year engineering if they have successfully completed or have transfer credits for at least 27 credits of the (UBC) first-year program. Students not meeting this criterion would be admitted into the first-year program.
- For Bridge Program students, in general few courses that are part of a technology diploma program are transferable to the School of Engineering, and there is a limit of no more than 30 transfer credits to the Okanagan campus of UBC from a technology diploma program. However, students who hold a technology diploma may consider applying to UBC through one of the established Bridge Programs.
- New Options:
 - Aerospace Option (Mechanical and Manufacturing)
 - Environmental Option (Civil)
 - New Minor – Arts
 - New Micro Credential – Performance Based Design and Lifecycle Cost Analysis of Bridge
 - New Graduate Program – NSERC CREATE in Immersive Technology
 - Computer Engineering – hope to have this start September 2023. Incoming first-year students who start in 2023 will be accredited.
 - Institutions will be required to sign the articulation agreement for these courses.

d. University of British Columbia (UBC), Vancouver – Carol Jaeger

- Total applications for 2nd year are down a bit.
- Second year success rate remains steady at roughly 97%.
- Program updates:
 - Continual cycle of accreditation.
 - Mechanical Engineering has added an aero space option starting for 3rd year students.
 - No changes to first-year programs.
 - Biomedical Engineering - received a full 3-year accreditation. Transfer students are welcome to apply for placement in the BMEG program, though additional courses may be required to complete the program.
 - Manufacturing Engineering - has now completed the first offering of the 4th year of their program and has participated in an accreditation visit in January 2022. The curriculum for MANU is co-developed between Materials, Mechanical, and Computer Engineering. Transfer students are welcome to apply.
 - Environmental Engineering - is now available in a Vancouver-only format (launched in September 2020) and will be undergoing an accreditation visit next year. The program is closely connected to

both the Civil and Chemical & Biological Engineering departments. Transfer students are welcome to apply.

- Admissions Update

- Admission GPA - Current GPA requirement for the Engineering Transfer programs is 3.1. Interim GPAs of 3.3 are being offered admission, with 82 admits as of April 29.
- Common First Year Engineering Curriculum - some courses approved over the past year that will transfer as APSC 100 and APSC 101. Would like to begin to move ahead with expanding the ability for students to transfer to UBCV as engineering transfer students. There are two constraints that need to be accounted for: space and accreditation considerations.
 - one concern is how to ensure that the numbers of eligible applicants don't expand beyond the ability to accept them. Do not want to raise the bar so high it will deter students from registering in sending institutions' ENGT programs. Possible alternative is to understand how many applicants each sending institution is likely to produce and agree to an annual quota, although there are some issues with this scenario as well. Looking for feedback regarding appropriate mechanisms to support the sending institutions and ensure that space is preserved for multiple different transfer pathways.
 - discussion of the CEAB's threshold for Design Accreditation Units (AUs) in the program vs student workload and the management thereof. In order to balance the need for sufficient technical content with the need to provide realistic workload expectations for students, will have to implement mechanisms to ensure that the transfer pathways do not pose a risk for programs' accreditation status.
 - discussion of the requirement for sending institutions to ensure their first-year engineering courses are delivered by a licensed engineer. If not, this may result in the students being asked to take an additional course at UBC, relevant to their program or professional interests to make up missed specific AUs.
 - Suggestion that the institutional reports, presented at the provincial accreditation meetings, include evidence of the licensure status of relevant instructors.

- e. **University of Northern British Columbia (UNBC) - Mauricio Dzedzic**

- Currently have three Engineering programs: Civil Engineering, Environmental Engineering, and Joint Environmental Engineering with UBC. The first two are at the end of their third year, and will be fully implemented next year, with accreditation visits scheduled for Feb/23. The joint program will receive a reaccreditation visit in Nov/22. Noticed impacts from the pandemic were felt differently in all institutes. They lost about ½ of engineering students but some trickling back.
- Current number of under graduate grads is 50.
- No curricular change in 1st year. In 2nd year, revised to reduce some redundant material from 1st year and put in some Math therefore there should be no impact to transfers.
- Most students are doing well.

- f. **University of Victoria (UVIC) - LillAnne Jackson**

- Are beginning the accreditation process for 5 of their 6 programs.
- Civil engineering coming to the end of the first year.
- Appreciative of the common core document which allows the checking of transfer eligibility course by course.

- Diligent work by all parties has created transfer agreements with a number of institutions that amount to almost seamless transferability as numbers are down from past experience.
- Creating Masters of Engineering programs and have great ideas about Micro-credential development.

5. Reports and updates

a. **Caroline Westra, Engineers and Geoscientists BC (EGBC)**

- A recent amendment proposal by the BC government to the Professional Governance Act (PGA) will change some terminology but the requirement for registration has not changed. For more information: <https://www.egbc.ca/News/Articles/Amendments-Proposed-to-Professional-Governance-Act>
- Guidelines for University professors needs updating as they don't take into consideration that not all instructors do research, some specialize in lecturing so need an avenue to get licensing of any kind. The guidelines are used by assessors, and instructors are encouraged to highlight: any lectures that relate to engineering and show practical application of theory. This is usually where people get stuck.
- A workshop was provided last year for those who want to pursue licensing but require assistance to work through the required paperwork. Caroline Westra is open to provide this assistance again if a group would like to get organized.
- Peter Mulhern indicated he would receive emails from the group of those interested and will forward to Caroline.
- In terms of the Professional Development/Continuing Education requirement for licensing, anything that people do to increase knowledge in their field could count as Cont. Educ, i.e., attending this articulation. Include notes about anything you learned or had to prepare for the meeting etc. that makes you better at what you do. Will require that individuals submit a report of continuing education for the upcoming year.

b. **Brian Dick, Common First-Year Engineering Core**

- 11 sending schools signed on to the common core.
- Has reached out to the sending schools with a survey to find out how things are going and has received responses from most. Will move forward and speak at the American Engineering conference next week at which many post secondaries throughout western North America will be attending. Would be useful to attend for good, up-to-date information. Diverse types of institutes will be represented.
- The Common First-Year Engineering Core document does not have a formal refresh date. It is a living document. There is not anything in the document that deals with major changes at an institute. There is process around change requests and all must have a 2/3 agreement from the sending institutes.

c. **Pete Ostafichuk, Engineering Design Text**

- Presented an introduction to a text that will be upcoming - "An Introduction to Engineering".
- Born out of UBCV APSC 100 & 101 and covers all of the content currently taught at UBC and meant to compliment flipped classroom format using videos
- Will be low cost at \$20.
- Students seem to prefer paper texts so this is why it will be hardcopy.
- Five main modules:
 - What is Engineering

- The Engineering Design process
- Technical Skills
- Sustainability
- Professional Skills
- Meant to be visually attractive to a first-year student, with lots of examples and practice problems with detailed solutions.
- Timelines for availability (expected):
 - Printed copies for BC.....mid-August 2022
 - eBook and national versionJanuary 2023
 - Online resourcesafter January 2023
- eBook will be at a higher cost.
- Is working to get a pdf copy distributed to this group and will start by sending a link to content. Homework suggestions are coming in about a year.
- The chapter on technical drawing is suitable for a 1 -2-week section of a course but doesn't align with a full-length course in terms of details.

6. Institutional reports – Sending institutions, (in alphabetical order)

a. Camosun College (CC), Susan Chen

- Basically, the same number of students are registered and half will go on to UVIC.
- Program updates:
 - Starting 2022 Fall, the program will have a seminar course added to each of the Fall and Winter semesters. Students have contact with engineers for the first 8 months. Guest speakers and presentations will be the focus of these seminar courses.
 - Would like feedback from the group how to proceed with the seminar courses: whether to offer in-person or as a hybrid (student preference is split re their preference) and how much to charge for fees for this 1 credit course.

b. Capilano University (CAP)- Bruno Tomberli and Mark Wlodyka

- Changes were made in the delivery of the two-year Engineering Transition Diploma Program that has had some struggles. The first term would normally start in September during which time students pick up missing High School credits. Term 2, offers core courses, third and fourth terms offer specific courses.
- Have decided to start the program in May or summer, and although in early discussion, may offer a work term. Students could transfer in the 3rd term to, i.e. UVIC. No real change except in the timing.
- The University's long-term goal is to offer -20% of online. At this time only one course is amenable to be online.
- Two instructors have been active getting external funding for a drone project to identify illegal buoys and monitor the environmentally sensitive shoreline of Bower Island.
- The Engineering lab has purchased a wind tunnel with Technology and Trade funding. Lots of opportunity for students to do hands-on work coming up.

c. Coast Mount College (CMTN) – Regan Sibbald

- ENGR 121 and ENGR 122 are used for transferring and are available to students outside the discipline for those interested.

- The program has an excellent collaboration with the City of Terrace on a project.
 - Students are participating in a bridge building contest with scholarship awards attached in collaboration with the local EGBC branch. Industry partners are coming up with scholarships. The instructor is interested in joint offerings with low enrollments. They are committed to offering this program for another year, so would like the partnership to keep it going.
- d. New Caledonia - Barbara Rudeki**
- Experienced low enrollment due to reduced number of international students. Have 9 students registered so far. Developing a Designing course. Ms. Rudeki and another engineer will deliver and will participate in projects in collaboration with an engineering company.
 - Anticipate high enrollment for 2022/2023 due to active promotion.
- e. College of Rockies (COTR)– Erin Aasland – not available at this time**
- f. Columbia College (COL) – Maryam Samiei**
- Continue to offer same courses but the goal is to establish block transfer agreements with other universities and research institutions. Students will need to take different courses for differing institutions so would like to begin offering the common core curriculum. Have also started the articulation of the required courses (ENGR I and ENGR II) for new transfer agreements.
 - Enrollments remain steady.
- g. Douglas College (DC) - Allan Majdanac**
- Academic year 2021/22 was delivered fully in-person and numbers are slowly increasing.
 - Delivered the first offering of the revamped engineering program, ENGR 1/22 courses, ENGR 1110/1190.
 - A “Chemistry for Engineers” course, CHEM 1150, has been created and successfully articulated for transfer credit at receiving institutions. This course will be offered for the first time in the 2022/23 academic year. This course brings our programs fully in-line with the proposed common first-year engineering curriculum.
 - Using more open source resources.
- h. Kwantlen Polytechnic University (KPU) – Michael Poon:**
- The institution gave the green light to offer classes completely in-person for academic year 2021/2022 but instructors also had the option to do a blended delivery in various forms. Result was that less than half the sections were delivered in-person.
 - The last day of withdrawal for students pre-Covid was two thirds of the way through the term. The institution changed the withdrawal deadline to the last day of scheduled classes which resulted in a significant number of students withdrawing just prior to their team project presentations/submissions. Very stressful for the remaining team members. Rational to remain with the last day of classes deadline is that student outcomes were reported to be better with the later date.
 - Enrollments on the Surrey campus are fine but the Richmond campus is struggling.
- i. Langara College (LC) – Csilla Tamás**
- This was the second year offering their revised ENGR I/II (CPSC 1091/1491). Both these courses, as well as APSC 1010, are taught by instructors with a P.Eng.

- With the redesign of our ENGR I and II courses, they have implemented the full CFYEC. However, UBC discontinued transfer for CMNS 2228, which was the preferred ENGL II course for the program. Therefore, students are advised to choose their ENGL II course based on their first choice of university (e.g. CMNS 2228 for UVIC, but ENGL 1129 for UBC).
- The number of student enrolments is decreasing, particularly mature student applications, but have significantly more high school students in the program than in previous years. A small number of students are shadowing the transfer program and also take engineering courses. This is a cohort program and the choice was to deliver in-person. The students indicated they liked being able to work in groups.
- This year piloted a Tri-mentoring program for female students. 7 students participated. Hoping to run again next year.
- A new President will be starting in June, Dr. Paula Burns, from Ontario.

j. North Island College (NIC)– Dennis Lightfoot

- Enrolment numbers are steady.
- Nearing the end of their first ever program review. Have completed self-study and the external review. Very detailed and useful recommendations. Anything they can implement that doesn't include money they will do.
- Program update: reducing admissions requirements for students missing, i.e., Math, English. Increase flexibility in start and end points of the program to better accommodate students wanting to stay for two years, allow students to begin the program even if they still require some upgrading courses, add some second-year courses like calculus 3 and 4 that students could take for advanced transfer at receiving institutions.
- One recommendation was to add a dedicated study space/lab.
- Hoping to add an additional coop and align with their strategic action plan.
- Trying to meet all the common core requirements and want to make sure Design courses fit the requirements.
- Post Covid – had some non-in person course delivery before Covid and will be returning to that. Students learning at home were not engaged as much. Serve a broad region that is beyond the three campuses so need to provide ways to deliver to all students.

k. Norther Lights College (NLC) – Mortesa Ghadirian,

- Being a smaller institution they hope to get 16 students in the program. Had about 8 last time.
- Have agreements with UVIC and the Univ of Alberta. Students who successfully complete the Certificate in Engineering qualify for guaranteed admission into a second-year Engineering program at the University of Alberta and the University of Victoria.
- Adding more lab components.

l. Okanagan College (OC)- Ken Langedyk

- First year for the Common First-Year Engineering Certificate program (Sept 2021). Admitted 13 students and 4 graduated. Looking at 25% more applications so hope to admit 18 students. Students hope to transfer to UBC Okanagan (only institution currently accepting).
- Engineers are teaching the engineering Design classes.
- The push is to create transfer agreements with the other receiving universities. At this meeting reps from several receiving institutions expressed interest and Ken Langedyk will be communicating with them.

m. Selkirk College (SC)– Ali Nasseri

- Classes were delivered mainly in-person this year.
- Opened their new Physics lab.
- Delivered 5 new courses: ENGR 100, ENGR 101, CHEM 120, PHYS 200, and TWC 130. Are now in full alignment with the provincial Common Core curriculum.
- Had 15 students registered and 13 graduated.
- Do have a coop program for engineering students and interest from local industry has been beyond what can be accommodated with the number of students.
- Exploring developing a second-year program to allow students to transfer to 3rd year Engineering at various BC institutions. Alternative 'Bridge' pathways are being considered for: Chemistry, Biology and Biochemistry, Digital Fabrication & Design and Integrated Environmental Planning.

n. Thompson Rivers University (TRU) –prepared by Kammi Madsen. Delivered by Emad Mohammed

- For 5th year achievement students participate in a capstone project with an industrial partner and often acquire jobs from same and via Coop placements.
- Reviewed student projects of the Design 1 and II courses.
- Classes are delivered completely in person now.
- Will focus on promoting the programs to School District 73 High School students as the only software engineering program in the interior and will be open to receive students from other areas/institutions. Students in the TRU program often choose not to go to any of the receiving institutions as they appreciate being in a small cohort and have good opportunity to secure employment.

o. Trinity Western University (TWU)- Herbert Tsang

- The program is small, 5 – 6 students and 4 will transfer to UVIC. Have also signed a transfer agreement with Baylor University, Waco, Texas. Agreement comes with a guaranteed placement at Baylor.
- Busy with Computer Science program review.

p. University of the Fraser Valley (UFV) – Peter Mulhern

- Had lower enrolments. The shutdown from the flood and the fourth wave of Covid had major impacts. Daily time logs prepared by students indicated: less time given to school work, time management issues were exacerbated, stress is up. Students who normally excel are still doing so.
- Applications for this year are highest they've been in years, possibly a combination of regular numbers and those who are returning after the last two years.
- To accommodate the students who were adversely affected by the flood and pandemic, a special grade (credit option) was created for transfers that probably meant low passing grades but were accepted by i.e. UVIC. Admittedly, students who have the special grade are not as strong as those who completed. They will struggle. UVIC rep said those students will be tagged and will follow up with them.

q. Vancouver Community College (VCC) – Andy Sellwood

- Has been seconded to VCC's Centre for Teaching and Learning and will be returning to teaching in January.
- Have the provincial Common Curriculum in place and are working on an agreement with SFU.

- Struggle with tracking how many engineering students they actually have. Many students don't apply to graduate they just transfer and the engineering specific courses are open to all students who meet the requirements. Best guess is 22 engineering students during Sep 2021 – May 2022.
- Will begin, in May 2022, a program renewal (review) of all University Transfer programs.
- Requested information from the representatives at today's meeting of any VCC engineering students attending their institutions. Will also be reaching out to find out their method(s) of tracking students.

r. Vancouver Island University (VIU)– Ken von Schilling

- This year's enrolment was lower than before. 7 students will be going into VIU's new Integrated Engineering Technologist program.
- Majority of students transfer to UVIC if they don't go into the Integrated Tech program or UBCV and UofA if interested in Chemical/Process Engineering or materials disciplines.
- All engineering classes were offered fully in person this year. Mixed reaction from students.
- Just finished 1st run through of second year of the Integrated Tech program. Accept common core students into second year.
- In terms of student engagement, now that students are staying longer than one year a new Engineering Student Club (ESC) has been officially formed with the Student Union. Some students are applying for grants to support community engagement opportunities and working with instructors on community outreach programs.

s. Yukon University (YKU) – Jaclyn Semple

- Now a university. Not here to report. Michael Poon to follow up and request their report.

7. Dates and Location of 2023 & 2024 meetings

- Typically, meetings take place the first Thursday in May, before classes start. Coast Mountain College, Terrace is now fully renovated. Confirmed for May 2023 and will host physics articulation as well.
- For May 2nd 2024, Brian Dick will speak to BCIT regarding hosting the engineering articulation. Csilla Tamás will discuss with her people at Langara the possibility of hosting Physics.

Final comments

- Regarding the Engineering Design text, email Pete Ostafichuk (peter.ostafichuk@ubc.ca) directly along with your name and institution name, to get access to the secure pdf.
- Thanks, were extended for everyone's attendance, reports and participation.
- Thank you to UVic for hosting.
- Feedback from the group was that the hybrid meeting worked well and will be the model to consider for next year as well as some can not afford to travel.
- Engineering Chair is a 4-year position therefore Michael Poon still has time in this role.

8. Wrap-up and Adjournment

- Meeting concluded at 3:23 pm.