

2023 Welding Articulation Committee Meeting

Minutes

Camosun College Interurban Campus

Victoria BC

June 13, and 14th

9:00am – 4:00pm

Attendees: Bruce Neid;	(Coast Mountain)
Chris Matskiw;	(Kwantlen Polytechnic University)
Colin Makeiv;	(Selkirk College)
David Drury;	(Vancouver Island University)
Dean Janzen;	(Camosun College)
Jesse Suit;	(College of New Caledonia)
Jim Carson;	(University of Fraser Valley)
Jim Stratford;	(North Island College)
Ken Kosik;	(Camosun College)
Kevin Yeung;	(Camosun College)
Kyle Broad;	(Camosun College)
Larry Franzen;	(Thompson Rivers University)
Leonard Wiebe;	(UA Piping Industry College of BC)
Mark Flynn;	(British Columbia Institute of Technology)
Skyler Dayus (Chair);	(Northern Lights College)
Spenser Julseth-White;	(University of Fraser Valley)
Tom Watson;	(College of the Rockies)
Guests: Vern	(Skilled Trades BC)
Colleen	(Skilled Trades BC)
Cody Vigeant	(Canadian Welding Bureau)
Angela Caughy	(Canadian Welding Bureau)

Tuesday – June 13th

1. Call to Order – Skyler 9:11am
2. Territorial Acknowledgement – Ken Kosik
3. Welcome and introductions – in a round table manner.
4. Additions to the Agenda

- a. Skyler would like to make an adjustment to the Agenda: Skilled Trades BC would like to come at 10:30am instead of 1:00pm on June 13th. Angela discussing CWB in the afternoon.
 - b. Colin would like to add to the Agenda: Discussion and clarification on B level curriculum for GTAW Pipe optional section. This will be placed at 11am of June 14th in the Agenda, along with Colin's 2G, 3G, 4G positions for Foundations discussion.
5. Approval of the Minutes of the 2022 WAC meeting – Motion to approve minutes was made by Skyler, and seconded by Larry.
6. Approval of the Agenda – Colin approved of the agenda, and seconded by Larry.
7. Discuss questions for Vern from Skilled trades BC (Questions about red seal committee for the Welder Fabrication pilot and timing):
 - a. Mark – Request for A Level and B Level program outline to be added on the STBC website.
 - i. BCIT added a 10-week component of Fabrication to the Foundation program, for a total of 40 weeks / 10 months. The Welder fitter has cost-recovery for that portion.
 - ii. Skyler – Would be good to have 2 extra weeks in the Foundations class, in order to have level 1 & 2 welding, and level 1 fabricator, total of 32 weeks.
 - iii. David VIU – 30 weeks with Fitter fabrication component (level 1 fitter) included.
 - iv. Jim and Tom had the same issue where in the Red Seal, Fabrication section was overall the weakest portion for students.
 - v. Once students completed Foundation, they currently can only choose one of two streams; Welder or Fabricator.
 - vi. In-class training hours: Welder Level 1 – 960 hours; Foundation – 840 hours
 - b. Mark BCIT – Issues with STBC Advisors telling students that they can sign up for Level 3 before they passed Level 1.
 - i. Welding students at BCIT goes through their administration department to have their requirements checked. Students are not allowed to enroll in future levels of Welder programs unless they have previous levels completed.
8. **Skilled Trades BC discussion** with Vern Weber, and Colleen remote from Teams
 - a. Colleen – *See Report for Welder Articulation Committee Meeting*
 - i. Kyle – How are Skilled Trades Certification recommendations communicated to Industry members? STBC Advisors are available to communicate information to employers.

- ii. Jim – Is there a strong recommendation for Welder to be added to STC? Colleen haven't heard about Welder being introduced to STC, but there will be a panel accessing the applications that do come in. Application details are inside the report.
- b. Vern – Welder Program Updates
 - i. Metal Fabricator-Welder Foundation pilot:
 - 1. Skyler – Is there anyway the committee can see what the survey results are of the pilot? **Action item:** Vern to follow up with Skyler on the Pilot survey results.
 - ii. Red Seal Occupational Standard – RSOS
- c. Colleen: Implementation of a new IP Exam – STBC will always wait for any final classes to end before starting the new IP Exam. Any additions and changes in the new exam will be posted on the website.
 - i. Skyler – Image on the IP Exam was incorrect and student had to wait a long time before they were able to schedule a rewrite, just to find out that the image has not been corrected.
 - ii. Skyler – Any chance the exam will be digital? Colleen – Working with various partners to pilot this program; BC will be in the pilot and will expect to have the IP exam Online as an option.
- d. Vern – “Apprenticeship Pathway Program” Table: Reporting/Non-Reporting students in DirectAccess
 - i. All numbers are Registered Apprentices who have completed their respective level.
 - ii. Colleen – Modular Level A & B Students are not registered in the Apprenticeship Pathway, and will not show up in this table until the students are requested in an exam.
 - 1. Kyle – Level A & B students are not sponsored by employers as apprentices, and since they are not apprentices, they do not show in the Apprenticeship Pathway Program” Table of the report.
 - 2. Mark – Can STBC provide a breakdown of the number of apprentices, and the number of students in Modular B. Students in B level have to

sign up and have STBC numbers before registering and requesting an exam, hence STBC should have tracking for it.

3. Colleen – It is very challenging to get numbers for B level students as students do not show up when they register for a STBC number, but it is when students are requested to take an exam that they can be tracked. Colleen and Vern can work with STBC's Strategy and Performance Post to figure out a way to track these numbers.

e. The ongoing discussion of Registration and Waitlists is managed by the Ministry.

f. Vern – Exam Statistics

- i. Skyler – The new STBC website outlines the Red Seal exam with details of how many questions are in each component. Colleen – self-assessment also on the website for Red Seal Exam.
- ii. Statistics only includes students' first write in a class. This excludes Challengers and any individuals writing separately at a Skilled Trades BC Centre or Service BC Centre.
- iii. Colin – a main component is Line E: GMAW/FCAW processes, which should be captured in a theory component and made sure it is not represented in the exam.
 1. Found that students did marginally better after instructor spent more time on essential Fabricator skills, and provided students with the old BC Welder Fitter books to study from.
- iv. Colleen – Commented on looking into what is happening in this area, particularly the Fabricator component seems to be missed in the program, which could be caused by resources, delivery time allotted, or not enough WBT hours or WB experience. Interested to see what the pilot results are.

g. **Action Items** for Vern/STBC:

- i. Retrieve the number of students that are in Modular and in Apprenticeship
- ii. A and B Level Program Outline to be put on the Website
- iii. For students coming out of the Pilot, BCIT is experiencing students with Transcripts saying they achieved Welder Foundation instead of Welder Level 1 + Fabrication.

- iv. Review of the Pilot outline, overlap of Welder and Fabrication; some content from Welding Level 1 has been replaced by content in Level 2
- v. No information on the STBC website for information on both Welder A and B program; students feel misguided to take the Apprenticeship program.
 - 1. Mark – Suggests that STBC advisors should talk to training providers before they recommend certain programs to students that may not be allowed by the Training Provider. Example: students have been told they can take Level 3 when they have not completed level 1, but BCIT does not allow that.
- vi. Students should be able to see their options on the website, including course outlines for Modular courses. Level A/B does not show up in the Program Profile on the STBC PDF.
- vii. **Action item:** Request for Vern to send the exact wording from STBC regarding the hours needed for Training Providers to fulfil.

9. Lunch Break

10. Discussion with Angela and Coby on CWB

Contact:

Angela Caughy, angela.caughy@cwbgroup.org; 236-808-7991

Cody Vigeant, cody.vigeant@cwbgroup.org; +1 700 844 6790 / +1 306 501 1485

- a. CWB Red Seal National Exam workshop scheduled for February 2024
- b. New Red Seal Exam Weighting from STBC; Angela does not foresee too much change in the new exam
- c. A Level Kyle – suggested removing MPAW so the only option is to go for Level A.
- d. Self-Test – These are available for Foundations and B Level on Brightspace. This was only established a month ago (around May 2023) so only newly loaded courses will show online.
 - i. Suggestion to have Foundations self-tests available in the B level sections.
 - ii. In September 2023 the Self-tests will be removed from D2L and will be sold as a stand-alone physical copy, separate to the module itself

- iii. Physical self-test would increase the Foundation Package costs by \$85; Students can purchase directly off CWB website for \$95/unit
 - iv. It would take possibly a year to incorporate the self-tests into the module itself in regards to re-organizing module contents and printing etc.
 - v. **Vote:** Majority of committee members would like self-test questions in physical paper format for students.
 - vi. Mark – suggested that these modules and self-tests made available online as well, for training providers to choose the format they want to deliver in
 - vii. David – asked if a digital copy of the tests can be available as instructor resources to be able to make quizzes
 - viii. Suggestion for formatting – having a tab for self-test, and a section for Red Seal practice for Level B.
- e. Partnership Agreement
- i. CWB looking for partners in BC to host their professional development courses (WSS, WSA, level 1 & 2 inspectors etc.)
 - 1. Possible options for evening and weekend courses for industry employees at participating training providers. Training Providers primarily provide the space for these courses.
 - 2. Primary contact is Coby at CWB. Benefits for Training Providers:
 - a. Proposed revenue sharing
 - b. Instructor will be paid by CWB
 - 3. Proposed Schedule A school – A CWB instructor provided
 - 4. Proposed Schedule B School – CWB instructor will shadow the initial ProD delivery, and the Training Provider will be responsible for the rest of the course at their own schedule.
 - 5. **Action item:** Coby will provide an approximate cost to have an instructor teach level 2
- f. Brightspace tutorial Videos: Discussion **Action Items for Angela/Coby:**
- i. Chris would like to have video tutorials on navigating general D2L Brightspace.
 - 1. Video topic ideas: Making class lists; logging in
 - ii. Skyler – suggests a video on general layout and how to find everything. Possibly one 30-minute overview; and smaller 5-minute refresher videos on each topic.

- g. B level books ordered from now will have minor revisions.
 - i. There is a glossary in the Foundation online shell (“more” tab > Glossary) (but may not be in the Level B shell). CWB is working on an online search option. If there is anything anyone finds that is not in the glossary, please let CWB know.
 - ii. Errors found within an online class can be directed to Coby; (include module and page number for paper copies; screenshot and course name for online modules) and changes can be made instantaneously through the online team.
 - iii. Every 5 years, both the Foundation and the B level will go through one minor and one major revision. B level revisions sent in 2023 will be included in the major revision in around 2025. Keep sending improvements in, so they can be included in the next revision.

11. Break

12. Feedback on CWB:

- a. Members have mixed opinion on whether to have the self-tests included into the module or have it as a separate book.
- b. **Vote:** Vote passes to have a physical paper version of the self-tests. This will be available starting September 2023 in a separate book from the module.
- c. **Action Item:** Angela will follow up with Skyler on the B Level questions and costs for self-tests
- d. Everyone is using Foundation CWB books except for Selkirk College, who are using Queens.
- e. Dean – Had a student using a Foundations book for level 1, and found out that it has the same content as the CWB level 2 shell – with the same tests and power points. There was no divide in the CWB Level 1 and 2 content, which made Camosun terminate it from the program. Dean still uses Queens printers for A & B levels.
- f. Jim C. – Edited and extrapolated material from the old module and made his own notes for students. Took the old exams from Queens and rewrote the test questions. Once the CWB’s new edited book came out in September 2022, there was no place to put instructor notes in, and with the online exams, Jim probably had the worst year of teaching B level in 16 years.

- g. Jim C. – The content of the CWB B level book is great, but it is the usability and structuring of the content that will need major editing
- h. Level B books has been better than 3 years ago, but still have some improvements needed.
 - i. Colin & Jim C.– CWB B level book has richer content and is a much higher reading level than the Queens
 - ii. **Committee is in agreeance that CWB book is lacking in organizational and structural issues, making it hard to teach. Content is explained in great detail to the point where it veers off from what students need to take away for the tests. A topic would be mentioned then it would appear back a few pages later to finish the concept.** Colin has had to make changes outside of class time to their book.
 - iii. Colin – CWB was in a time crunch to deliver the B Level books which explains why content was mass generated but lacked organization. Good time to utilize this revision time to filter the book down into something chronological and usable. All of this is done off the side of the desk for instructors.
 - iv. **Action item (Also see action item 17-i-xvi):** Skyler on behalf of the committee will reach out to Angela and ask about where CWB is at currently in their editing process of the Level B book, and ask to have committee members and instructors to have more involvement in the revision process for suggesting changes.
 - v. Committee members would like to thank Skyler for his efforts in helping creating the Foundations CWB book questions.

13. Clean-up of morning discussion

- a. **Action items for reaching out to CWB:**
 - i. D2L videos mentioned in above section 10-f of minutes
 - ii. Committee would like more resources for metallurgy and semi-automatic process – if that is a weak area, and the missing-link between the two.
- b. Skilled Trades BC hours
 - i. Colin suggested, as a follow up to last meeting, to, as a committee group, have a minimum requirement of 1000 hours before entering B level, instead of the

recommended 3000 hours by STBC. The B level program stream with hours listed are no longer on the STBC website. Articulation committee will have to agree and be onboard of this requirement mandate amongst training providers. Kyle – this will be a requirement change that may need to go to Education Council.

- ii. Jim C. – UFV does not allow students to register back to back. They require a completed logbook showing completed 1000 work-based training hours and Foundation Technical Training, checked by UFV admissions.

14. Adjournment for the day – 3:52pm

Wednesday - June 14th

15. Call to order – 9:23

16. Additional Agenda items

- a. Testing Fees, in addition to the classroom length and contact time hours

17. Discuss CWB Books and content

- a. Foundation Books
- b. Everyone except BCIT, UFV and Selkirk are using the CWB Foundation books
 - i. BCIT isn't using it because of IT and content issues
- c. Most committee members are using the D2L portion.
- d. Larry find the test at the end was quite heavy for the students. B Level was a bit confusing, content was back and forth. Certain portion was quite heavy
 - i. There were no actual self-test and instructors have to tweak and create practice questions and quizzes for students.
 - ii. Skyler – Exam questions were worded more of like an English exam than a welding exam.
 - iii. David – Quality control: seemed to have newer content on making jigs for checking camber on beams, which was all different from before.
 - 1. For one year, students had access for digital content only; then lost access to study material and notes. Using digital caused a lot of issues.

- iv. Skyler – The foundation has been fixed and edited since questions that were asked were not in the content.
- e. Jesse – Math portion was very difficult, and there were lots of errors in the math.
- f. Skyler – Answer key only answers every other question, and answers were completely wrong. Same issue with David – π was used as 3.14 instead of the full value decimal of π , so when students use π on a calculator, the answer would be different.
 - i. Skyler – sounds like they are going to redo the math book. Hand tools and safety is a good one. Everything in the book seemed good except for the math book. There is some disjointed information in Line B, in power sources.
- g. Chris – does not use the math book.
- h. In order to know when new books are released, Cody would be the one to ask.
- i. B Level book
 - i. Colin – Exam questions are tough
 - ii. Jim C. – Jim gets his class to take away three major points: Inspection, Code standards specifications, and Metallurgy. There are things Red Seal welders need to know in terms of Jurisdiction and Technical Safety BC which he extrapolates from the book and emphasize for students.
 - 1. Metallurgy – Includes 3 rich modules: carbon steel and low alloy, stainless steel, and aluminum. It was a large process to extrapolate these concepts from the new book as it was so rich in content; but it should only be one question each that is asked of Metallurgy that tests their understanding on the three areas.
 - 2. David – Entirely agrees to Jim as the book has a sea of information, but book does not support the big picture – what is this information supporting? – and the essential ideas such as:
 - a. Line B – Dealing with stainless; control and temperature.
 - iii. Colin – Seemed like a sub-committee is needed to take away content that is too rich, and too detailed information. The information is great for people who loves to read into it at a high level, but is too overwhelming for students to know what to learn and memorize. Would almost like to take the Queens Printer's B level questions and content and add to that, and put it the CWB book

1. Jim C – didn't think the questions were useful and had to rewrite questions during class for 2021's book.
- iv. Jesse – Metallurgy content especially, seem to have been copied from level 1 and level 2 information.
- v. The majority of the committee, except for Camosun and BCIT, are using the CWB B level books
- vi. A complaint that was mentioned previously is that some content that is mentioned in the Foundation books, should really be referenced again in the introductory of the higher levels. There has been no reference back to it at all for Line F-B.
- vii. There are lots of errors in the B level books; the drawings, layout, valve, and symbols are incorrect. A test question mentioning a valve has an incorrect valve symbol shown.
- viii. Colin – Line I & Line E, as well as Blueprint was a massive module with a lot of challenging content that could be minimized. It could almost be two exams instead.
- ix. Kyle – suggests to have the content of the book reviewed and compared with the RSOS to make sure they align. It seems like the book content is causing a lot of students to fail the Red Seal.
- x. Colin – suggested to Angela when they talked, to provide examples, video content, or any resources they need on the Metallurgy and Blueprint, or any difficult modules with low score rates. This would be more engaging than page after page of technical content.
 1. Chris – suggested to have a summary at the end of a section to bullet point main concepts; and if students want to know more they can read it in a different section. An explanation of this suggestion from David:
 - a. Part 1 – being the content for practical exams; any must-know knowledge that meets the basic outline of STBC
 - b. Part 2 – High level knowledge that anyone interested can dive deeper into. Then instructors can decide what to do with the content.
- xi. Instead of volunteering to make the changes in the B level book for CWB, the committee could ask CWB to make these changes to suit the instructors' needs,

assuming they have the dedicated editors to make these changes happen. The needs would have to be very specific.

1. Jim C. – suggested this should be written by engineers, and edited by welders. Suggested the group can request CWB to add what is needed. Jim also noted that CWB is asking for suggestions for their book revision and this is a good opportunity to ask for these changes.
 2. Len – Mentioned that UA Piping College was sold by the fact that CWB promised they were adaptable to changes and edits, which was the reason they moved from Queens to CWB.
- xii. Kyle – It seems that the committee has all the leverage to ask for these changes from CWB. In the case that several instructors are needed to help with the revision outside of their current work, CWB should not have an issue to pay for these instructors to go over and help with the revisions.
- xiii. Jim suggested to summarize the above discussion so that it can be reviewed by CWB for B level book edits sooner rather than later.
1. Suggestion is to propose to CWB if the committee can send perhaps four people to let them know what to edit in Foundation and B level books.
- xiv. Skyler pointed out that CWB department has improved from previously with an online team, SMEs, and editors. Skyler also suggested to bring in editors from CWB. There currently isn't a contact for who the SME's would be.
1. Skyler – As an admin of CWB, they have classes not just in BC, but also in California and Texas etc.
- xv. Dean – pointed out something that is often overlooked, and it is that CWB isn't a regulatory standard writing body, but in fact a private business. Though Jim mentioned they have inherited Welding Institute of Canada and their resources, which gives them an advantage.
- xvi. **Action items: Skyler will draft up a letter to send to Angela asking to have a group of people from our committee to point out edit points in the books. Draft letter will be sent out to committee first for changes before being sent to CWB.**
1. Colin – Suggested the option to take a module and give CWB some time to take a shot at editing it, to see if instructors are satisfied with the content.

xvii. Skyler asked the committee if anyone would like to initially step forward to work with CWB about proposed edits: Skyler, Chris, and Colin raised their hand.

1. Only to list what content we don't need, and list out what is needed in categories.

2. **Action Item:** Skyler – Ask to have anyone from the committee who has taught B level, to compile a list of notes that they find need editing.

xviii. Kyle – Does not need instructors to work on the side of their desk when CWB has the resources to put this at work.

18. Break

19. Skyler – handed out an A level Welding Lesson plan that is two and a half pages long, which was created by ChatGPT. This was to prove a point that a lesson plan can be generated in a significantly less amount of time as long as the instructions given are specific. It would take much less time to edit a lesson plan than to create one.

20. **Action item:** Mark asked if everyone can send their testing fees to Skyler to compile into a document for everyone to see, and as a group, adjustments can be made on test fees if needed.

Fees information to be sent to Skyler include:

a. **Class-A fees**

b. **Class-A renewal fees**

c. **CWB Fees**

d. **PWP Fees**

e. **Information on whether the candidate or the institution prepares the test and materials.**

f. **Information on whether instructors are paid extra for testing, or what the administration fee may be**

21. Skyler - NLC off-loads their testing with a partner instead, at Fort St. John. They do CWB and Level A testing, with CWB online invigilation.

22. Welding upgrade – Majority of members do welding upgrade at their institute, and most do not have a problem with charging for them.

23. Test Fees and retests:

a. KPU averaging out around 30 testers every week; 120 a month. CWB limited down to 80 a month.

- b. UA Piping College – Test every two weeks, average between 30-50 plates. Including the fee, it is \$400 for 4 plates, then \$50 per plate to get it done.
- c. TRU – Testing once a month; costs \$300 to come back for a retest.
- d. Camosun – tests every second Wednesday; \$78 for retest on same day.
- e. VIU – does testing monthly, and anyone who wants to retest at the monthly tests get a student rate.

24. Discuss Class A and class IT numbers and issues

- a. Dean – Heard the initial fail rate was 85% from TSBC. No one on the island has passed the initial test.
- b. It has gotten better and a lot more are passing now.
- c. Dean - Camosun has done two UTIP Class A Pressure Upgrades this year, and are just launching Class A pressure upgrader for evenings and weekends that will run in the Fall for the public.
- d. Dean – The last class A renewal syllabus is the most accurate one to be. Dean was informed last week that there is a brand-new Class A syllabus that is finished and going to be coming out from TSBC. It will not cover corrections or repairs, and is trying to get rid of interpretations of the syllabus – there will be more clarity.
- e. Some institutions, including BCIT and Camosun, are having issues with getting the names and contact of individual testers from TSBC as that information come in last minute – which causes billing issues.
 - i. Dean – It is now the candidate’s responsibility to make their initial application, TSBC approves them, they select their host location and reach out to the testing site to notify them with their information and that they are testing. TSBC is putting the responsibility on the candidate.
 - ii. Other institutions have either someone internally, or the TSBC invigilator, who gets a list of all the testers for the day
 - iii. NLC students must sign up at Student Services and pay at least one day before
- f. Dean – Most common mistakes occur regarding TSBC requirements for thickness and variables in the prequalifying procedures as some are wrong:
 - i. Eg. PWP 9A – It says 0.0625-0.864 as your limits, which is recorded in the requirements. The pipe you test on is 0.213, so 2T is 0.436, so it shouldn’t be

recorded in the logbook as 0.864. Must check the variables to ensure you are properly putting in the right numbers as the welding examiner.

- g. Dean – It is up to the institution to decide on a testing time frame and to set up re-test rules in the manual, and once the manual is approved, the institution must then follow the retest rules in the manual.
 - i. Dean makes exceptions for certain cases – for example, one student needed to pass the test to be on a job the next Monday, so he was allowed to retest one day later.
- h. Kyle – Tracks revenue from testing and in agreement with Finance, a portion of the revenue is paid to instructors involved in preparation work and non-contact time.
- i. Selkirk and CNC buy plates from Axis
- j. David – asked if institutions were to charge CWB a flat rate for CWB testings.

25. Tour of Camosun Welding Shop

26. Lunch

27. Tom Watson Safety presentation

- a. Trade Safety Website: tradesafety.ca
 - i. Contact: Tom Watson – Info@Tradesafety.ca
- b. Tom emphasized that in his 21 years of experience, safety and its importance has not been emphasized enough in class and in the workplace. There has been too many accidents and close-calls happening around him every so often. Tom showcased two tank covers that he developed – one for 20lb tank, and one for 30lb – for \$289.99 per unit. They are made from flame-resistant, and high-visibility material. Tom reached out to the group and asked to hear from other institutions how safety precautions are taught to students to ensure that they are aware of and understand safety issues:
 - i. Len – After each explanation, Len picks out students to explain its safety to another student, which seems to work and would encourage students to listen.
 - ii. Skyler – Safety cards were made for every equipment in the shop, which needs to be filled out by students
 - iii. Chris – Quiz in class after explanation, which then leads to a certification for the students.

- iv. Dean – Created a booklet with pictures of each equipment
- v. Mark – Creating QR code that goes with each equipment, which links to a video explaining safety and risks.
- vi. David – students constantly checking each other's safety PPE in shops

28. David Drury Talk about safety plans and issues they have had

- a. David – would like to share with other institutions some details and take-aways regarding an incident at VIU in which a welding student had a serious burn. On October 31st, 2017, a foundation student came back from coffee break and did not have his leather jacket PPE on, which resulted in his cotton shirt being caught on a flame. Instead of patting the small flame, the student panicked and ran. A boilermaker caught him and patted out the fire that had spread across his shirt. A tool crib attendant then lifted the student into a wash-up sink and turned it on. The student was transported to hospital, in which he suffered a third degree burn. One of the parents sued the tool crib attendant, the instructor, and two other faculty plus the institution. The case went to court and there was no merit for it, and case was dismissed. The incident having occurred in 2017, finished around May 2023, and a faculty member was under stress in that duration. In court, it came out that VIU's protocol was fairly good and was dismissed. The court looked at all social media, advertising, and the website for any pictures or media indicating that safety outlines were not followed.

- i. David – Take-away from this incident: It started off as a very minor incident which then escalated within 8-9 seconds and then was over.
- ii. Institutions should be aware of any media that were taken of welding shops that could be used against them.
- iii. One precaution is to make sure that it is announced to everyone when a shop is not in session, and have debriefs each day. VIU currently also does body check with every student. Precautions are especially important for Foundation students who may not have any prior experience.
- iv. Colin – Selkirk College have their welding shops closed from anyone after shop hours.

29. Safety

- a. Respirators
 - i. Skyler – At NLC if you are welding, you must wear a respirator, even if it is outdoors.
 - ii. Len – UAPICBC students get fit tested with their respirators.

- iii. Colin – At Selkirk it is mandatory for students to have their respirator fit tested.
 - iv. Skyler – seems like it will become mandatory to have respirators, whenever anyone in grinding, welding, or gunning.
 - v. Kyle – Around this time last year when ventilation was last checked at Camosun, Work Safe BC did recommend respirators but did not mandate them.
 - 1. Camosun – mandatory to have at least a N95 or better respirator in the grinding room. It is especially effective when Foundation students and youth are taught, and rules are enforced from the start for safety precautions to be standardized.
- b. Near-misses – David / Dean: It is encouraged to report near-misses for everyone else to learn from the mistake and have precautions made.
- i. Kyle – Saw a policy at Camosun regarding insurance that did not cover anything outside of class hours. Faculty, staff, and students would be responsible for all their damages and liability.
- c. Chris – KPU has a gate that is locked on both sides and the muster station is located right outside the gate. Faculty and staff do not have the code to open this gate, and people cannot get out of the gate when there is any kind of emergency.
- i. Others commented that in a fire alarm, the gate will automatically open. However, if it was another issue such as power outages, it would remain closed. At KPU, when there was the Rogers outage, the gate would fail to open.
30. Discuss any problems people can foresee or are having (discussion on adding F3/F4 open root plates in 2G, 3G and 4G positions to Foundation) (Colin)
- a. Colin – Instructor copy of the B Level outline; page 22, regarding the GTAW section: there is a misprint on item #10 – It says Optional for positions 1G, 2G, and 5G, but under performance task it only says 2G and 5G are optional. It seemed like the intent originally was that flat roll is mandatory, and 2G & 5G are optional. Wondering if outline should be rewritten with STBC.
 - i. One institution does 2G and 5G, and does 1G if there is time remaining
 - ii. Tom – College of the Rockies does 2G, 5G, and 6G; 4-inch
 - b. **Action item:** Skyler to ask STBC on clarifying and editing Page 22 of the Welder Instructor Outline as per above's issue.

- c. Colin – At start of class; Selkirk College will show students the STBC checklist and check off what they may have already learnt in Foundation class.
- 31. Skyler – Are there any Deans looking for cost breakdown of materials per student. Skyler then showed the committee a cost breakdown of Foundation (Metal plates, consumables etc.) based on last year's (2022) prices.
- 32. Larry – Skills Canada National Competition – BC won one Bronze and one Gold in Welding.
- 33. Next meeting, outstanding items – Location TBD
 - a. Jim – mentioned that BC Welding Educators will be in the mainland in two years, so would be a good opportunity to have something close by for the Articulation after the next one.
- 34. Adjournment – 3:25pm