

# Sheet Metal Articulation Committee Meeting

June 27-28, 2023

Hosted by BCIT at the Burnaby Campus

## Committee Members

Coey, Brian	Camosun College	Committee Co-Chair
Cramp, Jesse	RCABC	
Dunn, David	BCIT SOCE Dean	BCCAT SLP
Henriques, Antonio	Okanagan College	Committee Co-Chair
Leblanc, Jake	SMWTC	
Moeller, Erich	BCIT	

## Presenters and Guests

Jason Leber	Skilled Trades BC	
Vern Weber	Skilled Trades BC	
Tim Carson	BC Campus	
Vincent Penner	BCIT	Instructor
Alyssa Deville	BCIT	Instructor
Adam Dudarewicz	SMWTC	Instructor
Athina	BCIT	Minutes

## Regrets

Tim Carson  
Athina

8:40 am -Meeting to order

Group introductions

SLP/Associate Dean SOCE David Dunn- Welcome and current news.

- BCIT – trade up, filling the gap from red seal to site super, estimating.....  
Micro credentials to upgrade while working (night and weekend courses)  
send a link <https://www.bcit.ca/explore/tradeup-bc/>
- Based on the German model
- BC government mass timber fund, BCIT has created a mass timber program, should affect all trades. You can't drill holes in mass timber like you can in regular wood frame, on campus – 12 store tall timber student housing 400 new apartments on campus.
- Robert bosa carpentry pavilion – 2 new classrooms and a new 6 axis cutting machine.
- New facilities building
- New trades and technology building with a cooperative space – should be 3d printers to be able to mock up items, talking to trades to see if there is anything that they would like to see in the new building.

9:00 - David left.

9:00 - Discussion of items to add to the agenda and approval.

9:10 – Approval of 2022 Articulation Minutes.

9:10 – Vern Weber & Jason Leber Skilled trades BC Presentation.

10:00 – Question & answer & general discussion with STBC representatives.

- 36000 hours you can keep working and within 5 years of retirement –  
uncertified experienced worker – will be given an temporary authorization  
(max 5 years) or dec 2028 whichever is earlier

- Jake question – Students who have completed their apprenticeship but failed their Red Seal exam. Where do they land? apprenticeship – are they still ok to work in the trade.
- Apprentices can be apprentices for life.
- Ratio – journeyman – apprentices (all apprentices count except people who are done everything except Red Seal).
- Companies can apply for exemptions to the ratio if the company is doing all that they can.
- Accommodations for exams should be submitted ASAP as Skilled Trades need as much time as possible to arrange.
- Accommodations are self identified – Must request every year - no cost to the student.
- Level challengers need to – self assess skills and number of hours based on website – cannot challenge level 4 but can challenge up to level 3
- IF you come from a different country your new company can submit your hours
- SLE – on computers in the future already started at some facilities – worries about lack of computers.
- Antonio question – Due to the dramatic increase in the cost of materials and supplies, is Skilled trades going to increase funding per student to reflect these increases- No answer currently.

12:00 – 1:00 – Lunch

1:00 – BC Open Campus.

Brian – talking about BC open Campus.

- BC open campus putting 1<sup>st</sup> year books online hopefully soon!
- Set up a meeting maybe zoom with members to ask the questions.
- Questions about funding going forward.

1:30 – Skills BC

Group discussion about Skills events

- Skills – good event this year next year
- Should we change the drawing aspect of the provincial component?
- Nationals they do paper drafting.
- Regional competitions (school competitions)
- Need more institution support.
- Welding projects at provincials still

2:00 – Institution Reports.

RCAB institute report presented by Jesse (attached).

Camosun College presented by Brian (attached).

SMWTC presented by Jake (attached).

BCIT presented by Erich (attached).

Okanagan College presented by Tony (attached).

3:00 – Chair Elections.

Tony and Brian to remain Co-Chairs.

3:00 – Meeting Adjourned.

June 28, 2023

- Breakfast meeting
- Informal discussion of 2024 dates (June 18<sup>th</sup> & 19<sup>th</sup> or 25<sup>th</sup> & 26<sup>th</sup> )
- Tour Viaduct Sheet Metal
- Tour SMWTC new facility
- Adjourned.

## RCABC Report – 2023

### - Sheet Metal articulation 2023 –

Sheet Metal articulation Roofing Contractors' Association of BC Institutional Report Established in 1960, the Roofing Contractor's Association of British Columbia (RCABC) is a training provider for the Architectural Sheet Metal Worker (ASMW) apprenticeship program. RCABC saw a significant increase this year in demand for ASMW Level One technical training. RCABC's Educational Foundation responded by adding 40% more training seats to service this demand with support from Skilled Trades BC. Over 100 ASMW apprentices were trained by the RCABC's Educational Foundation. Between September 2022 and June 2023 our institution incurred an approximate 30% overall increase in cost to deliver our programs and has established tuition increases for the first time in more than 4 years, with the implementation of these increases beginning September 2023. This year RCABC delivered a total of seven intakes of the ASMW program which included: - Four ASMW Level 1 intakes - Two ASMW Level 2 intakes - One ASMW Level 3 intakes The Roofing Contractor's Association was also pleased to be able to provide a venue for an Architectural Sheet Metal Worker Program Outline and Standard Level Examination workshop, hosted by Skilled Trades BC on June 20th to 22nd 2023. The Roofing Contractors' Association would like to thank and acknowledge the specific organizations and individual contributions. - Vern Weber – Program Development Officer, Skilled Trades BC. - Jake Leblanc – SME/Instructor, Sheet Metal Workers Training Centre Society. - Jesse Cramp – SME/Instructor, Roofing Contractor's Association of BC. - Chris Rathy – SME/Senior Superintendent, Flynn Canada Limited. The Roofing Contractors' Association is a proud supporter of the Architectural Sheet Metal Worker program and is appreciative of the continued support from RCABC members, the Roofing and Architectural Sheet Metal industry and Skilled Trades BC.

## Articulation 2023 Camosun Report

We've been running strong with 2 full time instructors. We brought on a term instructor to allow me to finish some release time-layout videos. All levels are done now and launched on a website and YouTube channel for Camosun Sheet Metal.

<https://camosunsheetmetal.opened.ca/>

<https://www.youtube.com/channel/UCrWugg6fkCbeb76plMAhwJA>

There is an option to re-brand the website to "BC Sheet Metal" and have it operated through the articulation group, if we choose to. We can all have admin access and add resources.

We're looking to expand the sheet metal student resources, but release time is the challenge. Hopefully BCcampus continues with funding.

We will continue to run more apprentice levels to catch up with industry. We will probably cancel our Jan. intake of foundations to deliver more level 1 and 2 apprentices.

Foundations- only ran 1 cohort, Aug 2022

Jan cancelled due to low numbers. 15 registered for this Aug.

Apprentices- High numbers, we can't keep up. Booked out to 2027

In the last 12 months, we delivered:

Level 1- 3 cohorts

Level 2- 2 cohort

Level 3- 1 cohort

Level 4- 2 cohorts

We also delivered numerous "short" courses to our women in trades and indigenous people in trades as well as high school and middle school groups.

## **2022 ANNUAL REPORT**

### **Sheet Metal Worker Training Center**

#### **2022 – Growth in a year that needed stability**

2022 was a year again shaped by our recovery from the COVID-19. The Sheet Metal Industry Training Board continued to support its apprentices and contractors prioritizing the safe effective delivery of technical training while continuing the succession plan for our future. This stage of the plan concentrated on securing the instructional staff and developing the Valley Facility.

I am proud to announce that by the end of 2022 this had been accomplished and the new facility opened its doors to 2 classes in January 2023. It would be an over statement to say this happened on time and budget. Anyone who had to build anything from May to October 2022) will know that it was a daunting task.

The 2023 report will include an 's' on Training Centre... for 2022...

#### **THE TRAINING CENTRE: APPRENTICESHIP & TRAINING**

...The Sheet Metal Workers Training Centre (SMWTC) continued to provide the highest standard of technical training to apprentices. 18 classes were offered with 264 students. A growth of approximately 30%. 2022 was another year to reflect this as we finished with a total of 68 graduates.

Our industry continued to produce strong apprenticeship numbers. Applications were steady at just over 200. There were 132 apprentices indentured during 2022 and cancellations were average, and we certified 62 journeys. The Board started 2022 with 523 active apprentices and finished the year with just over 600, an increase of 13% and is the 3<sup>rd</sup> largest sponsor of a single trade in the province of BC.

Specialty Training was only available through our apprentice classes in the form of AutoCAD in 2022 resulting in over 200 students now using this and other trade relevant software. In 2023 the Fan Service course has been offered and will hopefully get 2 classes through by the end of the year. The SMWTC celebrated its 30-year anniversary in 2022. The original facility opened in October 1992.

## **APPRENTICE CONTESTS**

Apprentice contests returned somewhat in 2022. BC Skills and our annual SMWTC contest did not run but the Canada Skills Contest was hosted in Vancouver in May of 2022 and later that summer the Canadian Sheet Metal Workers Contest was held in St. John's Newfoundland.

Congratulations to Scott Wilcox of Spectrum Sheet Metal for becoming the first apprentice post-COVID to receive the Alex Donaldson Award as the SMACNA-BC and Local 280 representative at that contest. As an update just this April the BC Skills Contest returned with Matt Vinter of Ridge Sheet Metal and Nicole Hour of Boston Sheet Metal representing the SMWTC and in the same week our staff mounted a make-up SMWTC contest. This contest was specifically designed to allow the nearly 200 graduates in 2020, 2021 and 2022 who were unable to compete an opportunity to get in a last hurrah. Congratulations to Henry Derksen of Century Plumbing and Heating as the 2023 winner of the Franco Pederzini Memorial Award. Looking forward we plan to host the full version of SMWTC Annual Apprentice Contest November 25, 2023.

## **FUNDING**

The ITI (and Board) continues the initiative to provide every Level 1 apprentice with an iPad to pave the way for greater digital literacy skills. In addition, contributions from Microsoft, Autodesk and BlueBeam for student and staff versions of their software were received in 2022 and continue in 2023 with the addition of donations from Milwaukee and Midwest tools.

## **CLOSING**

2022 presented growth in the face of a real need for stability. It is a great feeling to have strong teams in place to meet this challenge with professionalism, optimism, and a dedication to a team focused leadership model. With the care of the trustees and commitment of the staff there is a strong rudder in this sea of instability.

## Sheet Metal Articulation

### BCIT Sheet Metal Program Report

Since our last meeting we have delivered a total of 8 Harmonized classes. Gap training is no longer being offered.

Level 1 – 3 offerings

Level 2 – 3 offerings

Level 3 – 1 offering

Level 4 – 1 offering (our first H-4)

This is in addition to 3 millwright service classes of 2 weeks each and 6 Trades Discovery classes of 1 week each.

In the next 12 months we expect to Deliver 2 H-1 , 3 H-2, 2 H-3 and 3 H-4 classes. (10 classes total)

The Foundation class is scheduled to run in September until late January 2024. Exact enrollment numbers TBD.

We will say a big thank you & congratulations to Barry Felardeau and wish him well in his retirement effective June 30.

Our 2 newest Faculty members Vincent Penner and Alyssa Deville will teach our apprenticeship classes moving forward.

We have not made any Capital purchases in the past year nor have we made any major delivery changes, other than phasing out the older 6 week program & replacing with the Harmonized program. Working on licences for our Practicam software & CAD.

We participated in SkillsBC competition with a gold medalist who competed in Winnipeg at Skills Canada.

## **Okanagan College**

### **2023 Articulation Institution Report**

This institutional report will be reflective of training at Okanagan College from June 2022 in a 12-month increment and forecast the next 12 months to June 2024.

#### **June 2022 – June 2023**

For this period Okanagan College offered 5 intakes in total. 2 Harmonized level 1 intakes. 1 harmonized level 2 intake, no gap training was done. 1 harmonized level 3 intake with no gap. 1 harmonized level 4 intake. All classes were on campus and face to face. Classes were at capacity.

#### **June 2023 – June 2024**

For this upcoming period Okanagan College has the following offerings of intakes, 1 harmonized level 1, 2 harmonized level 2 with no GAP, 1 harmonized level 3 with no GAP, and 1 Harmonized level 4 intake. All Classes have a capacity of 16 students, and most are currently fully enrolled and waitlisted.

#### **Facilities and Equipment**

There has been no new equipment acquired in the last 12 months. Okanagan College has focused on major maintenance of integral equipment. New shear knives have been purchased and the gas cylinders were recharged on the 10' hydraulic shear as well as removing the blades and sending them out for re-sharpening. The 10' brake press had gaskets on the hydraulic cylinders replaced and components prone to failure prematurely replaced.