

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

**Meeting Date:** June 25, 2019

**Location:** RCABC Langley

**Meeting Time:** 8:30am – 3:00pm

**Committee Co-chair:** Brian Coey

**Committee Co-chair:** Antonio Henriques

**Recording Administrators:** Committee Members

## Participants:

- **BC Institute of Technology:** Barry Felardeau (SMTL Instructor)
- **Okanagan College:** Antonio Henriques (SMTL Instructor; Articulation Committee Co-chair), Steven Moores (Dean of Trades, SLP)
- **Sheet Metal Workers Training Society Local 280:** Bob Pascuzzi (SMTL program leader and chief instructor)
- **Roofing Contractors Association of BC:** Jesse Cramp (ASM Instructor)

## Guests:

- **Industry Training Authority:** Colleen Rogan, Kristen Holliday
- **BC Institute of Technology:** Bonnie Johnston, Jennifer Madigan
- **Sheet Metal Industry Training Board:** Jud Martell
- **Roofing Contractors Association of BC:** Dave Colman, Bryan Wallner

## Regrets:

- **Skills Canada:** (Jamie Maxwell)
- **Camosun College:** (Brian Coey)

## ADMINISTRATION

### 1.1 Welcome/Introductions

- The meeting was called to order at 8:35. Dave Coleman, Director of education, welcomed everyone to RCABC and acknowledged the traditional territories.
- Everyone introduced themselves.

### 1.2 Review, Discussion, & Approval of proposed Articulation Agenda

- MS/C to accept changes moving (S. Moore) to 11:30 – 12:00 and (D. Coleman) to give tour of facility at 9:00am – 9:30am
- Acceptance moved: Bob
- Seconded: Antonio

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

## 1.3 Review, Discussion, & Approval of Previous Year's Minutes

- MS/C to accept the minutes of last meeting
- Approval moved: Bob
- Seconded: Antonio

## FACILITY TOUR (9:00am-9:30am)

- Dave Coleman and Bryan Wallner took attendees on a tour of facility.

## PRESENTATIONS

### 2.1 ITA Report/Presentation - Colleen Rogan, Kirsten Holiday

- Colleen and Kristen gave a presentation on exam results in SMTL, talked about the program development process, the provincial outline alignment, SLE alignment, and ITA updates and changes
- Colleen Rogan reviewed the Harmonization transition plan. She explained that "GAP TRAINING" would only be for CL1 going to HL2.
- Colleen stated that the "Gap Training" can occur while the student is in session. Institute to let Training Investment department know it is happening
- Gap training would require some sort of conformation that it has occurred in order to get funding for the gap training from ITA training investment department.
- Gap training for 1 or 2 students may be handled differently for monitoring and funding. She was not sure what the protocols will be.
- In 2021 there will be dual streams CL3 and HL3. In 2022 there may also be a dual CL and HL for level 4 if needed
- Peer review of SLE HL1 is required Vern will send out invites through S. Moores
- SLE for HL1 may be out for marks in fall
- Discussion on students complaining about scrap paper not being allowed until the SLE exam began. Students wanted to have the scrap paper right away. Kristen explained it was a hard thing for the invigilator to control before the test begins and there is a reasonable concern for the security of the exam with so much going on during the registration time.
- Discussion occurred regarding the possibility a student that has been out of training for a long period of time, returns. How many hours would they now need to achieve journey status? Where in the Harmonized stream would they be placed? No clear answer was given, Colleen stated she would look into the possibility.

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

- Discussion occurred with regards to an apprentice failing their training for a Level and failing the SLE, being allowed to challenge the SLE and receive credit for the training level without having to meet the requirements of a combined mark of 70%. Colleen said she would bring this to the assessment committee.
- Discussion on the impact of Compulsory Trades and the impact on training occurred. The articulation committee supports Sheet Metal being designated as a Compulsory Trade. Safety of the public and quality of work is dependent on proper training.
- Kristen Holiday reviewed exam results and discussed the process going forward with the development of the new SLE
- Kristen discussed the pilot exam SLE for HL1 results. Focusing more on the comments by the students than on the actual test results. Overall she was confident the exam is good but it may need more refining. She will have a good look at individual test questions and then the next step would be a peer review
- Vern will send out invites through S. Moores for the peer review of SLE HL1
- SLE for HL1 may be out for marks in the fall
- Articulation Committee thanked Colleen and Kristen for their presentation

## 2.2 Systems Liaison BCCAT – Steven Moores

- Steve provided a handout on the duties of the SLP, taken from the BCCAT website.
- SLP is a good voice for trades programming, especially to help with ITA and questions about funding. We're not always sure if extra funding is available, but anything I can do to help, I will.
- Steve provided a handout on the harmonization curriculum development process. Why it's not always gone as well has to do with materials and the rush in implementation. We have to operationalize this. There are unique challenges with scheduling, registration, etc. that you can't always foresee. Apprentices don't understand the process, so they have challenges and frustrations because they've laid out their training schedule years in advance and now are required to change it.

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

## 2.3 Sprint Process BCIT – Bonnie Johnston, Jennifer Madigan

- Discussion on the Sprint process and progress. Phase 1 and 2 complete.
- Sheet Metal is a part of phase 3 which is just starting.
- They will be developing assessment guidelines for instructors and students and lesson plans.
- They are hopefully going to be developing new digital training material as well.
- Power Point presentation slides are available through Bonnie
- Articulation Committee thanked Bonnie and Jennifer for the presentation of the sprint process

## 2.4 Open Discussion– SMITB/SKILLS CANADA – Jud Martell

- Skills Canada currently uses 4 entities
  - Okanagan College
  - Sheet Metal Training Centre
  - British Columbia institute of technology
  - Camosun College
- SkillsBC tries to include all institutions possible
- BCIT is always supportive of Skills Canada Competitions
- Skills BC's 2018 Provincial Competition was held on April 18, 2018 at Tradex located in Abbotsford BC.
- SkillsBC's 2020 Provincial Competition will be held May 27-30, 2020 at the Vancouver Convention Centre.
- Skills competitions are the best way or platform to expose/encourage new people into the trade. Students enjoy participating in the events.
- Antonio: Some students complain that they do not want to take time off work to go to the competitions. Judd: Well there are costs associated with travelling and not being at work. Antonio: Do the apprentices get compensated for missed time from work? Judd: not presently no. Antonio: Could we find sponsors or encourage fundraising or cash incentives to increase enrollment and competitiveness? Judd: I am not sure about the particulars, but I can not see any issue with this approach upon approval of course, fundraising or sponsorship would encourage apprentices to sign up, as well as promote and advertise the event.
- Skills Canada is always looking for new ideas for projects, but it is always a battle of project complexity and completion time required, Skills also tries to have new blood or people judging and introducing different projects each event. Scope documents really helps with this process, scope documents record project specifications, materials, time required which helps with changes for future competitions

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

- Articulation Committee thanked Judd for attending for the open discussion and speaking to the propose questions

## **3.1 Next Meeting:**

- Tomorrow, 8:30am, Denny's on 88<sup>th</sup> avenue Langley, BC

## **MEETING ADJOURNMENT**

### **4.1 Motion to Adjourn – 2:30pm**

- Moved: Jesse
- Seconded: Mutual consent

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

**Meeting Date:** June 26, 2019

**Location:** Denny's Langley

**Meeting Time:** 8:30am – 3:00pm

**Committee Co-chair:** Brian Coey

**Committee Co-chair:** Antonio Henriques

**Recording Administrators:** Committee Members

## **Participants:**

- **BC Institute of Technology:** Barry Felardeau (SMTL Instructor)
- **Okanagan College:** Antonio Henriques (SMTL Instructor; Articulation Committee Co-chair), Steven Moores (Dean of Trades, SLP)
- **Sheet Metal Workers Training Society Local 280:** Bob Pascuzzi (SMTL program leader and chief instructor)
- **Roofing Contractors Association of BC:** Jesse Cramp (ASM Instructor)

## **ADMINISTRATION**

### **1.1 Breakfast Meeting**

- The meeting was called to order at 9:00am

### **1.2 New and Business Discussions or as requested by Articulation Members Present**

- **MS/C** Tony and Brian remain as co-chairs
- **MS/C** for Tony to look at the possibility of having articulation away from any one institute and have it at the same time and place as other trades.
- **MS/C** BCIT to host next articulation unless decision via email to have as above motion
- **MS/C** To discuss and decide on BCSkills project, drawing and weighting by email to be forwarded to Jud
- **MS/C** To have RCABC participate in BCSkills if they meet criteria to do so. Bob to send email to Jud

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

## REPORTS FROM TRAINING INSTITUTIONS

### 2.1 Report from SMWTC – Bob Pascuzzi

#### Classes and Apprentice numbers

- At the beginning of the year we had 321 registered apprentices,
- 154 new apprentices joined during the year, 53 left the trade and we turned out 54 journeys.
- As of the end of 2018 there were 365 apprentices indentured to the Sheet Metal Industry Training Board.
- 2018 was the third year in a row that Journey certifications exceeded cancellations
- During 2018, the Training Centre scheduled and ran 21 Apprentice training classes.
- 2019 we are scheduled to run 19 apprenticeship classes
- 2020 looks like it will also be busy as we try to find spots for the demand and bubble of 1<sup>st</sup> year apprentices entering the system
- We hired Matt Brown as a 4<sup>th</sup> full time instructor to help with some of the demand and to give us time to redevelop material for the new Harmonized Plan.
- Currently we are developing our own training modules We have 7 completed but still in the draft stage and 3 more underway (blowpipe, lagging, furnace components)

#### New Equipment

We purchase a new Vertical bandsaw this year and acquired some good used Diacro pan brakes, rolls, punches, and rod benders. We also purchase a Miller 220 welder. This machine does it all well. Does not do pulse GTAW

Through the UTIP grant we are in the process of purchasing;

- 7 miller 220 welders
- 4 Lincoln C300 welders
- 4 Miller synchrowave welders
- Lincoln virtual welder trainer
- Virtual work platform trainer

#### Speciality Training Courses

We ran 11 Specialty Training courses in 2018 including:

- 2 Welding classes for a total of 22 students
- AutoCAD class of 10 students
- Lost Skills class of 11 students

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

- 4 Hoisting and Rigging classes for a total of 64
- Stainless Steel class of 10 students
- 2 Blueprint Reading classes for a total of 26 students).
  
- We just started a Mentoring program that pairs up one of our new journeypersons with a 1<sup>st</sup> year apprentice that is struggling with some of the technical material. They meet up once a week outside of the school and work on math, or layout skills for 1 to 1 1/2 hours
  
- We do a Stress Management Workshop with all our 1<sup>st</sup> year and 4<sup>th</sup> year students. Most find it helps them cope with the stresses associate with work, family and the training session.

## 2.2 Report from Okanagan College – Antonio Henriques

### 2018- 2019 Training:

- One class of current Level 1's.
- One class of current Level 2's.
- Two classes of current level 3's.
- One class of current Level 4's.
- One ELTT Foundation Class.
- 3 Secondary School Gateways

### Going Forward

- One class of harmonized Level 1's
- Two classes of current level 2's
- One class of current Level 3's
- One class of current Level 4's
- Involvement in the Women in Trades Program will continue.
- Involvement in the Secondary School Gateway Programs will continue.

### New equipment

- Foot operated Shrink/Stretch machine.
- Alnor Flowhood testing balancing machine.
- Indoor two story mock house.
- Millermatic 252 mig welder with aluminum spool gun.
- New approved sheet metal racking/storage



# 2019 SHEET METAL ARTICULATION MEETING MINUTES

## 2.3 Report from RCABC – Jesse Cramp

### 2018- 2019 Training:

- Two Level 1 classes (34)
- Two Level 2 classes (27)
- One level 3 classes (17)
- Total Students = 78.

### 2019-2020 Training

- Two Level 1 classes
- One level 2 classes
- Two level 3 classes

### New equipment

- 24g Pittsburgh Lockformer w/power attachment
- Industrial Metal Cutting Band Saw
- Miller Matic 211 Mig Welder
- Miller Spectrum 375 Plasma cutter
- Lincon Electric TIG 200 Squarewave
- Tandem Axel Dump Trailer
- Epson Short Throw Projectors
- Chairs for Student

## 2.4 Report from BCIT – Barry Felardeau/Erich Moeller

### 2018/2019

- We ran 7 apprenticeship classes as per our normal training plan.
- We also ran 6 classes of Trades Discovery (4 days per class) and 4 Millwright Training classes (2 weeks per class).
- We will be launching our first Harmonized Level 1 class in late October
- Apprenticeship enrollment is very strong and continues to increase
- Foundation enrollment numbers continue to decline
- Our portion of the post-sprint project begins in early July with a completion target of mid August

### New Equipment

- Miller 352p MIG Welders (2)
- Roper Whitney 622 Deep throat rotary machines
- Rotex 18 Turret punch

# 2019 SHEET METAL ARTICULATION MEETING MINUTES

- Small portable equipment for high schools and career fairs. We hope this will increase awareness of the trade and help bolster enrollment

## 3.1 Election of Chairs

- **Motion** – Bob moved to keep same chairs, Barry seconded. Brian and Antonio remain Co-chairs.

## 3.2 Dates and Location of Next Articulation Meeting

- Tentatively June/July, 2020 at BCIT

## 3.3 Adjournment

- Meeting adjourned at 10:15 am. Discussion to continue at Antonio's Hotel Room