

**Provincial Millwright
Program 2017 Articulation**

September 29, 2017

Hosts:

Bryan Messer, Millwright BCIT

Attendance:

Bryan Messer (BCIT) -Articulation Chair and Millwright Chief Instructor

Rick Czar (College of the Rockies) - Millwright Instructor

Frank Rossi (CNC) - Dean of Trades and SLP (System Liaison Person)

Russ Haugan (Northern Lights) - Millwright Instructor

Gwyn Mardon (CNC) - Millwright Instructor

Corey Drew (Selkirk College) - Millwright Instructor

Carl Burton (Thompson Rivers University) - Millwright Instructor

Carey Simpson-Millwrights Union Local 2736

Brian Buckley (BCIT) - Associate Dean

Stanley Jung (BCIT) – Millwright Instructor

Blair Patterson (BCIT) – Millwright Instructor

Bob Davis (Kwantlen/ITA)

Brian McClinton (Kwantlen) - Millwright Instructor

Brian Myette (Kwantlen) - Millwright Instructor

Guests

Bonnie Johnston (BCIT)

Michele Bridge (BCIT)

Colleen Rogan (ITA)

Jennifer Booth (ITA)

Welcome and introductions: Bryan Messer welcomed the committee. Brian Buckley also welcomed the committee and advised of emergency exits and washroom location.

Round table with introductions.

Approval of Agenda:

- Rick Czar – Add “Different time Allotment System” from 12:30 – 1:45
- Bryan Messer motion to approve agenda and Brian McClinton seconds. Carried.

Approval of November 25, 2017 minutes:

- Bryan Messer motion and Brian Myette seconds. Carried.

Harmonization Curriculum Development Project

Presented by: Bonnie Johnston & Michele Bridge

Refer to: Attachment 1- Millwright Articulation Sprint Project Presentation.pdf

Refer to website: <https://www.tradetrainingbc.ca/>

First level priority is focusing on creating performance assessments for instructors to be able to assess their students in alignment with the program outline. Second level priority is creating teaching guidelines. If time permits student material would be created to support the teaching assessments and program outlines.

The first phase of the project a team was created to kick start the development of draft deliverables. The next phase is the post work development phase. This phase is to get some instructors to work from their own locations and continue finalizing the draft deliverables.

- Gwyn Mardon: Where does the project time frame come from?
 - Frank Rossi: The assessment time frame is determined on how many instructors it will take to get to the first phase and determined by the budget.
- Bonnie: The Harmonization Curriculum Project that is being produced is being shared with all of BC public Post-Secondary Instructors. The repository is hosted on <https://www.tradetrainingbc.ca/>
- Frank Rossi: The Harmonization Curriculum Project is a guideline to help and assist instructors. There will be avenues looked at as to how to keep it regularly updated.
- Bryan Messer: Instructors should work with their Dean's to figure out coverage and find resources to be able to work on the Harmonization Curriculum project.
- Cory Simpson: Would it be possible to have a repository of information to share what equipment is going to be used to achieve the outcomes of what is outlined?
 - Bonnie: In the teaching guidelines it shows the suggested equipment.
- Bonnie: The project technically ends at the end of November, development funding can be extended beyond November. If need be, another Sprint could be done to accomplish as much as possible. Different strategies could be looked at to try and get the work done to complete the Harmonization Curriculum Project.
- Rich Czar: Will there be an ongoing review of the content once the project is complete and an opportunity to make changes or find tune it?
 - Bonnie: Absolutely, Instructors will be encouraged to give feedback on all the content.

Review of Action items from Nov 25, 2016 meeting

- **Action Item:** Decide whether millwright and machinist should be linked together on the website or should be in two groups.
 - Action: Bryan Messer has consulted with the Deans from the Schools that provide Machinist training. The Deans agree that it would be best to separate the two trades.
 - Bryan Messer proposes to put a motion through to officially separate the millwright and machinist programs on the website. Gwyn Mardon motions and Russ Haugen seconds.
- **Action Item:** John Fitzgibbon to send Bryan Messer the proposed K-12 curriculum changes for review to see if changes will prepare students for entry into the trades.
 - Action: Not Complete. Bryan Messer did not receive the information for review.
 - No follow up required at this point in time.
- **Action Item:** A committee was formed to look at the Millwright manual versus the ILM's.
 - Action: Not complete because of time restraints.
- **Action Item:** Gwyn Mardon will correlate data from the committee to find out which modules will not be used.
 - Russ Haugan motions and Blair Patterson seconds.

Millwright Manual Re-write Project

- Carl Burton: Much of the Millwright Manual Re-write graphic and texts are complete, but it is still in draft form.
 - Carl put together an 85 page GAP analysis and submitted it to the ITA. The GAP analysis was the guideline to write the chapters for the millwright manual.
 - Bryan Messer: Have the completed chapters and GAP analysis been paid for?
 - Carl: Yes they have both been paid for.
- Frank Rossi: The ITA does not want to control the money that is there for the Millwright Manual Re-write. Trades Training BC wants someone to control this money and organize how the money is allocated. A suggestion that the articulation chairs come up with some sort of plan and proposal to determine how the money is allocated.
- Bryan Messer: Informed the meeting that the Millwright Manual Re-write Project is an articulation driven project.
- **ACTION ITEM:** Bob Davis proposes to make a motion: "The millwright articulation SLP advocates to BCATTA the need to find project managers for the review and development of the BC millwright manual."
 - Bryan Messer motions and Gwyn Mardon seconds.
 - Bob Davis to send Frank Rossi the proposal. Frank Rossi will bring it up for discussion at the next BCATTA meeting.
- Bryan Messer: Spoke with Bonnie and she said after her priority deliverables have been made that she could work on creating content to cover MWM gaps as per the Gap Analysis document. This content would go into the repository. The problem is that once this content is in the repository it is in the public domain. This means the content cannot then be reused in the MWM Re-write when it occurs.
- It is agreed by the committee that the best course of action for the long term is to hold off for now and have the gaps covered in the MWM Re-write. This will provide a comprehensive manual addressing all gaps.
- Carl will redo the MWM Re-write proposal so we are ready when the control issue is decided upon.

Roundtable: Harmonization – Implementation Methodology.

- Bryan Messer: Has asked the ITA if they can add "H" to the student number of students who are on the harmonization pathway.
 - ITA has said, yes they can do this or something similar to identify students in the harmonized streams.
- Frank Rossi: Does not recommend doing 2 levels at a time based on his experience with the Heavy Duty department doing this pathway. Frank Rossi's school is still dealing with issues in heavy Duty due to the multi-level rollout methodology
- Bryan Messer: Every stakeholder will need to be flexible no matter what the methodology is. The Articulation Committee's job is to form an opinion which balances between what is good for the students, employers and the Millwright Program's/Instructor's as well as being achievable by ITA. Once we have formulated this opinion, we can present this to ITA as a committee.
- Bryan Messer: How many people believe one level per calendar year, over a 4 year roll out is the way to go for Harmonization implementation?
 - All Articulation Committee members voted yes.
 - It is the opinion of the Articulation committee that an implementation of one level per year over the next four years provides the best balance of all factors. This will be the committee's position moving forward.

ITA Presentation

Presented by: Jennifer Booth & Colleen Rogan

- Colleen: Today we want to discuss some of the unfinished pieces of the program outline review like where to put the one week. Should this week be moved to level 4 or to level 1 or keep the week where it is currently? We would also like to give the committee a preview of where ITA is going with the transition plan.
- Refer to: Attachment 2 - ITA PPT Millwright Articulation 29Sept2017 (002).pdf
- Jennifer: A decrease in the work based hours to match up with maximum of 7200 hours (Nationally) including 6360 work based hours and 840 hours of technical training.
- Colleen: Nationally what is looked at per level is a standard of 1800 hours.
- Jennifer: At the end of June a group of instructors go together for a one week workshop that created Single Level Exams (SLE's) for level 1 & 2 of the harmonization project. There will still need to be a workshop in the next year to create the exams for level 3. When the first harmonization class runs for level 1 & 2 they will write piloted exam.
- Colleen: Instructor's and Industry are involved in the writing of the piloted exam. An invigilator will invigilate the piloted exam. Once the exam is complete the students will have a facilitated discussion about the exam. The facilitator takes notes on that discussion and those notes come back to an Industry peer group who will then write the exam and go through every question. Then the exam goes into field test where it is monitored for one year or one hundred writes (whatever comes first.) Any issues with the exam will be looked at.
- Colleen: One cohort will go through the program before the piloted exams are rolled out.
- Colleen: There is a "CL" or "HL" added to student's TWID for all students who are registered to determine if they are part of the harmonization cohort.

Colleen and Jennifer left the meeting to return to the ITA offices.

Roundtable: Harmonization Time Allotment

Background Information: As a result of a workshop held at the ITA offices it was recommended that 1 week of level 4 training be moved into level 1. The result would be: L1- 8 weeks, L2- 7 weeks, L3-7 weeks, L4- 6weeks.

- Carl Burton: Keep the time allotment the way it is 7 weeks across. Keeping it this way makes it easier to schedule.
- Brian Buckley: For BCIT it would be a nightmare to change the current schedule around, that being said I don't want to sacrifice quality and the students come first.
- Rick Czar: There are apprentices in industry who don't know what they're are doing. They have lots of theory but not technical training. Currently the time allotment is not enough time. The time allotment should be set at 8 weeks per level.
 - Bryan Messer: As it stands apprentices that "don't know what they are doing" is much more Industry's issue than ours.
 - Apprentice training is a shared role of ourselves and employers with ITA oversight. As trainers, we need to realize the scope of our role.

- We are responsible for the theory training (Provincial Outline) and the practical projects that support that training. We have apprentices for 210 hours per level and employers have them for the balance. (Note that works out to 210 hours in school and 1590 on the job as per the mandate of 1800 hrs/ year)
 - There is in-class grading and standardized exams to measure what occurs during the in school time but no avenue to ensure standards for the other 1590 hrs.
 - Employers have 87% of an apprentice's time and day to day knowledge of the apprentices tasks to help the apprentices with this issue.
 - ITA needs to deal with this issue with industry.
 - That being said, this issue certainly does not apply to every apprentice nor employer.
 - Brian Buckley: The articulation should push hard to get this industry issued corrected.
 - Frank Rossi: 15 Apprentice advisors have been implemented around the province. It is the responsibility of the apprenticeship advisor to make sure the apprentices are getting the checkmarks when they are working out in industry. We as educators have to get this message to the advisors.
- Frank Rossi: Coming in the future - Compulsory trade: All workers in the Millwright industry will have to have either an apprenticeship or a journeyman. There will be no laborers allowed.

Bryan Messer: Asks the group if we can come to a consensus as to the time allotment.

At this point the committee recessed in order to attend a webinar with ITA regarding the implementation methodology of Harmonization.

Webinar

- Colleen Rogan presented the implementation options
- Bryan Messer informed the webinar attendees that the Articulation committee recommends a single level per year implementation.
- Colleen Rogan informs the attendees that the single level per year implementation is acceptable.
- The issue of time allotment was raised by the Articulation Committee. The committee was informed that this webinar is not the time/ place to address the time allotment issue.
- The committee agreed and the webinar was concluded.

*** The Articulation meeting was reconvened***

Bryan Messer: Asks the group if we can come to a consensus as to the time allotment.

- Much conversation occurred as to what should be done with the time allotment issue
 - An exercise was performed where groups looked at sections of the level 1 outline to determine how much time was required per section.
 - After bringing the results back to committee it was decided that Level 1 can be completed in 7 weeks and that the Articulation committee would hold that opinion in any future meetings or correspondence
- Bob Davis: Suggests moving forward with status quo - 7 weeks per year. If the discussion doesn't get solved today with ITA then get a small working group together to further review and propose this suggestion to ITA at a later date.

Meeting was adjourned