

Automotive Provincial Articulation 2017

June 13/14, 2017

BCIT/VCC Motive Power Center of Excellence
1608 Cliveden Ave.
Delta, BC, V3M 6M2

Meeting Minutes

In Attendance:

Stan Kachmarski	NLC	John Fitzgibbon	BCCAT
Brad Coupland	UFV	Rolf Arnold	BCATTA SLP
Pierce Stoeckly	UFV	Eric Fry	BCIT
Gerard Sheehan	KPU	Greg Henderson	VCC
Ryan Lee	VCC	Russ Hunter	BCIT
Ron DePape	VIU	Robert Kunka	VCC
Daryl Pushor	VIU	Dean Cadieux	VIU
Dale Baumel	VIU	Andu Keddis	VCC
Patrick Jones	Camosun	Alex Romashenko	VCC
Dave Anseth	CNC	Gary Mui	VCC
John White	COTR	Dave Gratton	Consulab
Dave Reinhardt	NWCC	Rick Martineau	Consulab
Patrick Balfry	NIC		

June 13, 2017 (Day One)

- 1) Meeting called to order at 8:30am by Dean Cadieux (Chair AST) and Joe Skipsey (Chair HD)
- 2) Welcome to Campus by Brett Griffiths, Dean of Trades, VCC
- 3) Groups separate and begin individual meetings
- 4) Round table introductions
- 5) Approval of 2017 Agenda (Eric F/Rob K) M/S/C

6) Approval of Minutes(Greg H/Daryl P)

M/S/C

7) Business Arising and Reports:

1. BCCAT Report – John Fitzgibbon

- BCCAT provides admin and oversight to Articulation committees
- US uses “discipline committees” which are mostly academic
- On BCCAT website, they post past meeting minutes, Current Chair and meeting locations
- Host annual JAM Meeting with Artic Chairs and various institutions
- John stressed the need for good, clear minutes as these are a record that can be used as a future reference
- Commented that hosting institutions should be supplying support staff for minutes
- Mentioned that minutes also permanently document discussions with ITA
- Discussed the increase of international students in the trades and the institutions’ reliance on this funding
- Foreign students look at the trades as a means to upgrade or achieve a Red Seal
- John spoke about the changes to the K-12 Curriculum. They have undergone major improvements which may create a need to realign with them
- English and Math requirements need to be aligned with us and make sense
- BCCAT will send us links to the new curriculum as it rolls out
- BCCAT is also focusing on collecting data. Tracking the students through to employment. Currently there is not a way to follow a student if they change trades or don’t stay on the path they started on.
- They want to be able to measure the success of the Dual-credit system
- Currently, each student has a PIN number but is not linked to the ITA until they start their apprentice training
- Dean C asked John to reiterate what the primary purpose of the Artic Committee is:

“The Articulation Group is tasked with the discussion of curriculum and effective teaching and learning methods within the Province.”
- John felt that over the years, we have been basically “sidelined” by the ITA as they have taken over the development and exam maintenance aspect of things. Just thought that this makes it harder for us to all be on the same page.

- This led to a good conversation around dual-credit as follows:
 - Camosun has the largest number of dual credit students in province
 - Goal of BCCAT is to liaise with ITA and get the numbers straight
 - Dean mentioned that two years ago, we had a good conversation with reps from BCTEA (BC Tech Ed Association) and Cam M and Eric F volunteered to be part of a committee to liaise with them but that has now dropped off the map
 - Dean commented that when he asked to participate in their AGM, they responded that they “didn’t have time for us”.
 - The committee felt that this was a poor direction
 - Cam M commented that as the colleges use International funding as an alternate source, so the K-12 system looks at dual-credit in the same way
 - Shops that were decimated years ago are now being used to try and teach Foundation programs but there’s no equipment
 - Schools set up partnerships with colleges but then flood the Foundation enrollment. OC sees up to 70% Dual credit students in some classes and it forced us to cap the number to max 50% in any one class
 - Safety becomes an issue when the numbers get too high
 - Some K-12 instructors don’t have TQ’s
 - Class dynamic gets skewed when dual-credit numbers in a class get too high
 - We want to support the BCTEA and K-12 instructors by making the transition through high school to apprenticeship to TQ as seamless as possible
 - Camosun has run two classes in the summer with the SD that are 7 weeks long. They have had good success with this format.
 - Results on the ITA final are up and down which is relatively normal across the province.
 - Rolf A described UFV’s orientation process for dual-credit (similar to OC’s) and added that it’s been successful so far.
 - John F suggested that this group use the minutes as a vehicle to get these issues to the forefront.
 - Rob K suggested that each PSI is doing it a little differently which may indicate a need for better alignment
 - Dean C asked if we should rekindle the relationship with BCTEA

Motion: The articulation group desires to reconnect with BCTEA (Martin Lim) and asks the current liaison committee (Eric F/Cam M) to approach BCTEA to discuss current relations and ways to improve. (Cam M/Eric F) M/S/C

- Cam M suggested that we approach BCTEA and offer to help them with the “harmonization” of their new curriculum with our current curriculum in order to create the seamless “flow” we are talking about.
- Eric F suggested that we help them include an automotive “flavor” to their curriculum that will make discovery of a career in automotive easier for the students.
- First steps should be to find out what each SD is currently doing and gather info on how successful they have been so far.
- There was concern that the tracking methods used by the ITA are narrowly focused and are not capturing the movements of the students properly. This could result in Foundation programs losing support based on inaccurate information.
- John F stated that BCCAT is working with ITA to improve this.
- Rolf A mentioned that ITA and ITAC have always had issues with bad data to some degree
- The Trades Sampler program will help students to make a better decision at the start so they are not moving around between disciplines
- Various examples of the benefits of Foundation programs were stated by the group
- The group recognized BCATTA as a group that works hard to support our Foundation programs
- “It’s pretty hard to call a Foundation program a failure when the student gains skills and then moves to a different discipline and becomes a success there”
- The ITA looks at us as “training providers” and we consider ourselves “educators”. The concept of training is much more specific than education and that’s the value of Foundation programs. We provide them with the critical thinking skills, math, english and life skills that would make them successful in ANY program.
- Dave A mentioned that interaction skills are also well-developed by Foundation programs.

2. Pension Plan Update – Cam McRobb

Update document is attached

3. SLP Report – Rolf Arnold

- Thanked Cam M and Russ H for their involvement with the ITA and being advocates for the group
- Has helped to establish a better relationship with ITA
- Suggested looking at teaching methods and styles as well during discussions with K-12
- BCATTA is now looking at how we deal with new government and approaching possible changes
- Thanked the Harmonization group for their work on the project
- Described the structure of BCATTA to the group
- Rolf advised that any information arising from development of programs should remain confidential until a finished product or OPSN is released from ITA
- Invited group to look at website www.tradetrainingbc.ca

4. ITA Update – Kathryn Rockwell, Coleen Rogan

ITA Powerpoint is attached

- Harmonization was launched in 2013
- Labor Market Ministers endorsed it in 2014
- ITA was a leader in harmonization, Minister Shirley Bond
- Elements of Harmonization were: Trade name, Total training hours (training + work based), Levels of trade, Curriculum sequencing
- Exam questions at each level will look different in new system
- Courses running over the September start date will have the option of writing the “old” exam or the “new” exam. The new exam is preferred.
- New exams will be vetted by Industry Journeypersons (called a “peer review” by ITA) and reviewed, only if necessary, by instructors.
- If PSI’s have to run changes through their own Senates or EdCo’s, they have until after September to get the changes through. i.e a 30 week program that starts in Aug would be considered the “old” program anyway.
- Be sure to communicate with the Assessment department at ITA so you get the correct exam!
- Process for reviewing exams is totally different from the past.
- All exams are written by industry SME’s (on the tools w/5years experience) and instructors from PSI’s

- There is an exam maintenance officer now (Kristen) that will address any concerns (high failures etc.)
- ITA selects SME's from SAG's, PAC's and possibly instructors
- Concern was raised over being the first group to write a new exam that was not developed by instructors
- ITA stated they were confident that the exams would be fine based on their "robust" process
- Concerns were raised about conflicting answers from different textbooks. ITA stated that the "required texts" were used to develop the exams (listed on the website). The group expressed a need to clarify the book list.
- Level exams will all be 100 questions exc. IP
- The transition schedule was laid out and the group expressed concerns with possible failures in 2019/2020 and asked how ITA would address the issue.
- ITA responded that they would keep track of apprentices year over year to know how many had not yet transitioned.
- Could be some challenges to smaller PSI's to offer dual streams. They may have to work with other PSI's to accomplish this.
- ITA will develop a strategy with respect of funding and lower enrollment as a result of harmonization
- AST Stats are as of Feb.1/2017
- 0 means that the apprentice is registered but hasn't yet achieved Level 1
- Harmonizing levels 1 and 2 capture 75% of the total apprentices in the system
- Active/inactive tracks interaction with ITA
- Foundation students are not registered as apprentices, Ace-it students are.
- Would like to compare these exam stats to previous years
- IP pass rates across Canada include challengers while BC does not.
- Russ stated that there are many similarities between textbooks which means there should be less concern about conflicts on exams.
- Andu K explained that there are still differences in language between books
- Greg H suggested creating one book list and calling it "recommended texts"
- Some do not agree with the use of common books
- Rick stated that now that harmonization is occurring, students moving between institutions will now have to purchase more books as each PSI may use different materials

Motion: Review the existing “recommend” and “required” textbook lists and revise as necessary. After revision, replace “recommended” and “required” textbooks with “suggested” textbooks in the ITA AST Program Outline. (Kyle B/Andu K) M/S/C

- **Action: Pat J(?) and Greg H to develop new list and send to Kathryn before September**
- Dean C asked “Why are we still using a C of Q exam at every level instead of going back to SLE’s?”
- Kathryn stated there was strong opposition to removing the C of Q from Program Review Committee at this time. The suggestion was made to SAG’s as well and they wanted to keep the Progressive Credential model.
- The concern is that employers will think that a first year apprentice is “qualified” to do brakes when they are not.
- There needs to be an “industry education” included with this new curriculum change and its effects.
- We need to engage the PAC’s and bring forward a motion to remove the progressive credential system as it is ineffective.
- ITA needs to provide stats on how many apprentices have actually left the system before 4th year – likely minimal
- This issue appears to be an agenda by certain members with input to the ITA to keep apprentices at specific levels and therefore limit the wage the apprentice receives
- Currently, to apply for the Apprenticeship Grant, an apprentice has to show completion of each level and the C of Q is the current benchmark.
- Changing this should not be an issue should we choose to remove the C of Q
- **Action: Coleen to take the issue to Manager of Completions Michelle McKinnon to create an “info sheet” for us.**
- ITA considering creating a “record book” (not a logbook that requires signoff) that will inform the employer what the apprentice needs exposure to prior to next level training
- Discussion was had over C of Q vs. SLE and the group felt that although we got forced into accepting the C of Q, in the long run, everyone has stepped up their game accordingly. It was noted that most other trades are not wanting a C of Q at each level.

8) New Business:

1. Harmonization Presentation – Russ Hunter

Harmonization PowerPoint is attached

- Russ H was nominated to go to Federal meeting with a shop owner from Prince George to represent BC
- 27 people representing all provinces, only 8 were instructors
- Instructors were used as facilitators in the discussion.
- Industry took a fairly harsh approach to what should be removed
- Instructors helped soften the approach
- BC came out well in the discussion, changes were not unbearable
- All letters in slideshow reference the new RSOS
- The 4th year mentorship might be handled by group discussion about best/worst experiences.
- HRAI training should not be included in the Program Profile as it is an outside certification
- Students will have to take it after hours online.
- Engine areas have been reduced as industry doesn't want ANY instruction on overhaul
- The word "overhaul" has been removed from the outline as per industry request.
- The committee expressed concern over the "glossing over" of important areas of instruction. Students need to understand the operating principles of an engine in order to correctly diagnose and repair it. The committee viewed this as short-sightedness on the part of industry.
- Removing engine rebuilding from the curriculum allows us to potentially offer a separate course on rebuilding.
- Transfer cases in yr3 is really the only piece that isn't congruent with the rest of the topics in yr3
- IP questions will go back as far as Year 2000 on RSOS
- Gas analysis is now removed from the outline
- Auto trans overhaul is also removed from Yr4. The expectation is that an instructor would demonstrate basic operation and concentrate more on diagnosis
- The appendices attached to the new outline have the grading weighting for each year. The amount of questions on the exams will relate to the theory percentages shown NOT the suggested time allocation on pages 13-17 of the outline

- Practical assessments were a big focus of the committee as well.
- ITA asked for 12 assessment criteria to be included in each level
- Instructors should look through the criteria to ensure they are achieving those goals
- The Program Outline is just that, an outline. Instructors are expected to build their own curriculum around the outline
- Russ commented that industry wanted to take a more involved role in the training of the apprentices. Instructors need to provide the basics.
- Was some discussion around changing the theory/practical weighting from 80/20 to 70/30. Whatever is chosen should be as accurate as possible to what is really happening for each year.

2. Open discussion on Live Vehicle Training

- Questions arose about liability incurred when servicing customer vehicles
- VIU does 100% customer vehicles and has a full-time service advisor (does 150-160k/yr)
- Garage policy covers the liability. Deductible is high (500+)
- If doing customer work, the expectation by the college is that it is revenue generating
- Camosun has tried to avoid customer work
- Good exposure for students to real life scenarios
- Pressure to bring in money and straying from curriculum are downsides
- Some PSI's need to be sensitive that it is taking work away from industry
- SAIT dropped customer work because of comebacks/warranty
- KPU only does internal repairs (students/staff), OC is same.
- NWCC only does internal as well. No workorders.
- BCIT does clinics on specific tasks. Doubles staffing in shop at those times.
- No consistency of rates charged. Some are flat fee, some hourly \$ amount
- VCC has service advisor as well and does customer work as well.
- Log books are a great idea for students to track what they have done
- Needs to be a proper disclaimer on workorder to protect college and students

June 14, 2017 (Day Two)

3. Consulab Training Session

Powerpoint presentation is attached

- Rick Martineau gave us a presentation on Autonomous Vehicles
- Lots of great cutting edge info related to topic

4. Use of Learning Materials – Group discussion

- Are Alberta modules still being used? Yes, by some
- Modules are not being updated anymore
- Alberta is doing outline review of AST this year to be released in 2018 and congruent with Harmonized standards
- Good material for Level 1 and Level 2
- With modules that have theory/service component, most are removing service module
- Maritimes are using Alberta modules
- Use resources from “suggested” list
- It was noted that the ITA is doing a better job of distributing tasks amongst the group as they are now using the SLP and Dean’s from each PSI to source out instructors
- Dean suggested that we re-establish an Articulation Listserver.
- It was suggested that BCCAT host a site for us as they already hold the minutes
- A Forum was also suggested
- **Action: Rob K to contact John F (BCCAT) to see if they would be willing to host a site for us.**
- Dean went to Ottawa to do Red Seal exam review – new exam to be released in a year. 30% new questions, 50% were modified, lots of auto trans questions, mostly diagnosis questions.
- 5 instructors in group, rest are all SME’s from industry
- **Motion: To appoint a person by expression of interest, exclusive of the Chair, who is tasked with maintenance of the Articulation site. (Cam M/Kyle B)** **M/S/C**
- Daryl Pushor expressed interest in maintaining the website as per the motion.

5. Curriculum Development Sprint – Bonnie Johnson

PowerPoint presentation is attached

- Bonnie seconded from BCIT to work on Harmonization

- Took the highlighted practical evaluations and built them out to be incorporated directly into curriculum
- Building rubrics for the achievement criteria
- BCATTA lobbied MAVED and JTST for money to support instructors with Harmonization (1.3M)
- There is a steering group that looks after this resource
- Steering group created the “three pillars” approach
- Decided to focus on the assessments
- Curriculum repository is great. Materials must have copyright permissions granted

6. HMT and AST group discussion

i. 2018 Articulation planning

- HD did a one-day Train the Trainer this year (AST considering for next year)
- Date set for June 11-13, 2018 in Kamloops (TRU)
- Further discussion around 2019 being in the Lower Mainland but no decision yet

ii. Chair/ Vice Chair elections

- HD elected Jason Sutton as Chair and Jamie Ubell as Vice-Chair
- AST elected Robert Kunka as Chair and did not elect a Vice-Chair

7. Consulab Product Info Session

For more info, go to www.consulab.com

- Lots of new products. Have some in-stock and others on-demand
- New Gen 2 Hybrid trainer (Prius-based)
- Air Brake boards w/ air fault abilities
- Can now supply materials to convert existing vehicles over to fault boxes w/breakout boxes
- New Cummins inline PCM connector
- Consulab going to Abu Dhabi as World Skills Sponsor
- Dave Gratton reintroduced as new Consulab rep
- David Hanly from Snap-On Industrial introduced and contact info given

8. Adjournment