

Meeting Date:	June 21 , 2016
Location:	UFV
Meeting Time:	8:30am – 3:00pm
Committee Chair:	Ron Stewart
Recording Secretary:	Darren Vaux

Participants:	Brad Oliver (Okanagan College), Greg Wirachowsky (Okanagan College), Al Paterson (Camosun College), Tim Carson (B.C.I.T.), Paul Simpson (TRU), Rob Hughes (NIC), William Schwarz (UA Local 170), Rod Lidstone (Camosun), Rick Vanier (P.V.C.), Rodney Smith (UFV), Jess Kilpatrick (North West Community College), Thomas Leuvekamp (Kwantlen)
Regrets:	Rob Bradbury (P.V.C.), Sven Rhodes (Kwantlen College), Tim Roberts (NLC), Brian Sweet (BCIT), John Gordon (Camosun)
Guests:	Richard Pfefferkorn (BCSA), Mike Pizzalato (CANEP), AMAR Sihota (Queen’s Printer), Shannon Mitchell (Open School)

Administration

Item No.	Discussion & Actions
1.1	Welcome/Introductions Participants introduced themselves and briefly outlined their respective programs. Ron recognized that this year there will be new Chair and Secretary at the conclusion of this year’s meetings. Randy Kelly (Director of Trades at UFV) welcomed the group on behalf of University of the Fraser Valley.
2.1	Approval of Agenda: Accepted: Paul S. Second: Greg W.
3.1	Approval of Minutes of June 24 & 25, 2015: 3.1.1. Rick V. asked about the comment made from last year’s minutes regarding the future of the electrical endorsement for BC Gasfitters. The group discussed the fact that when the Red Seal for Gas is available it is still unclear about what “endorsement” will be available for Provincial Gas Fitters. 3.1.2 Approve 2015 Minutes: Accepted: Paul S. Second: Rob H.
4.1	Review of Action Items & Business Arising from Past Minutes: 4.1.1 <ul style="list-style-type: none"> Discussion arose regarding the possibility/feasibility of royalty collection for online/digital content and what the new landscape will look like for the future of trades training.

	<ul style="list-style-type: none"> • One of the best solutions seems to be a set fee-per-user (student) when they register for their classes. This would be collected by the institution and royalties could be distributed as appropriate.
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Reports

Item No.	Discussion & Actions
5.1	<p>Pipe Trades SLP: Lindsay Langill (TRU)</p> <p>5.1.1</p> <ul style="list-style-type: none"> • Lindsay will be at tomorrow's meeting
5.2	<p>BCSA: Richard Pfefferkorn</p> <p>5.2.1</p> <ul style="list-style-type: none"> • Richard commented that the BCSA has still very little to report on the Gas Red Seal program, other than it looks like future gasfitters will need to write the ARD (acts, regulations and directives) exam to be licenced to install gas in BC. • Rick V. said that 18 students wrote the Red Seal B already in Manitoba (apparently 14 were successful). Manitoba is the host province for the Gas Red Seal Exams, and they have a provincial program outline already in place. • Richard said that there are quite a few out-of-province trainees that are looking for qualification training to write for their Gas B in BC. Not many continuing education programs are available around the province. BCIT does however offer a distance education option twice a year. • Appliance service technicians are to be registered as Red Seal Apprentices in the Appliance Service Technician program. "Stand alone" Gas Service Tech courses, as they have been traditionally known, are no longer be permitted as per the BCSA. See the 2011 NOA document: www.red-seal.ca/docms/appliancetechnoa2011_eng.pdf (Gas service technician training is only to be delivered as part of this Red Seal Program). • The annual question was asked about the inconsistency in the invigilation of exams, and the rates that are charged to some institutions. Each of the 5 BCSA regions set their own policies. Richard will look for answers to satisfy the group's questions.

<p>5.3</p>	<p>Mike Pizzalato - Gas Industry Representative</p> <p>5.3.1</p> <ul style="list-style-type: none">• Mike discussed his involvement at several NOA meetings in Ottawa over the last 3 years regarding Red Seal gas.• Many industry people were involved in the outline development. Mike stated that there is little difference in the B and A scope, other than BTU input. (The technologies themselves are not BTU-specific, so much of the NOA for both of the A and B looks similar in content.)• There is excitement for what these new certifications will present for the gas industry, albeit some uncertainty remains.• There was some great work accomplished amongst the participating provinces at the NOA meeting, with the exception of Ontario who have excluded themselves from the process.• Harmonization of Provincial outlines is a next step.• The committee thanked Mike for his assistance and commitment to the development process.
<p>5.4</p>	<p>PVC: Rick Vanier - Gas A & B - Red Seal / Program Outlines</p> <p>5.4.1</p> <ul style="list-style-type: none">• Rick presented an overview of what BC has accomplished to this point with the new Gasfitter Program Outline (see Rick's Power Point presentation). Rick reminded the group that the material he presented was just a draft at this point and that the findings from the project is awaiting more feedback from the contractors and the ITA.• A minimum of 5 levels of technical training will likely be required to accomplish the outcomes of the Gas A and B.• Rick provided the committee with a copy of the Occupational Analysis Chart created for BC and it was reviewed in his presentation.• Comments from the group centered on what the new assessments may look like for practical competencies, and what competencies will be measured. Piping installation will have less focus with more emphasis on testing and commissioning.• Program implementation for the B Level should be 2018.• Some institutions feel that they have not had an equal opportunity to participate in program development. Many schools from smaller areas would like to see a greater cross-section of subject matter experts and industry representation.• Action Item: The committee would like to ask that the ITA use this Articulation group and our regional Piping Program Advisory Committees for input and participation going forward with all program changes, creation and implementation.

<p>5.5</p>	<p>Camosun: Rod Lidstone - Creative Commons</p> <p>5.5.1</p> <ul style="list-style-type: none">• Rod talked about open education resources and creative commons (see Rod’s Power Point).• Rod stressed the importance of all institutions ensuring they create their learning resources without copy write issues and that all resources be established with the intent of open platforms. Lesson plans, videos, course materials, textbooks, etc.• Sharing and collaboration, freedom of re-distribution- this is the essence of open education.• Open content is not exactly free of copy write. “CC-by…” attribution must be provided. “Adapted by…” must be clearly noted when applicable. Images should be sourced from open sources (like Wikimedia commons). https://commons.wikimedia.org/wiki/Main_Page• Rod discussed the BC Open Textbook Project. BC Campus funded the creation of the new common core trade modules and all access to the info is free http://open.bccampus.ca Camosun College has been very active in the creation of much of this content.• BC Campus offers “Faculty reviews” of learning resources to improve the accuracy and validity of the content that is created. They are continually looking for reviewers https://open.bccampus.ca/call-for-proposals/call-for-reviewers-2/• Open educational resource grants are still available to institutions through BC Campus.• Rod discussed some good points to remember when developing universal content for alternate access by multiple learners.• A discussion ensued regarding the similarities between certain ITA BC Trades Modules (copy written) vs. BC Campus Open Modules (open source). What will the future hold for our common curriculum project with Queens Printer? It would seem that wholesale changes in apprentice accessibility to information is on the horizon. This discussion continued with the committee for some time. Opportunities for the ITA to collect a royalty from each student seems to be the solution to having the funding to continue with the creation of open resources.• Action Item: Articulation committee draft a request to the ITA and our Deans outlining our wants and needs for Open Resources and our idea for a possible “royalty” model.
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Open Discussion

Item No.	Discussions & Actions
6.1	<p data-bbox="415 363 646 430">6.1.1 Common level 1</p> <ul data-bbox="464 441 1430 982" style="list-style-type: none"><li data-bbox="464 441 1430 472">• A rigorous discussion continued from Item 5.5.1. above<li data-bbox="464 478 1430 783">• Paul S. talked about TRU's involvement in the FIATT (Federal Initiative on Alternative Technical Training) project. TRU is developing a blended e-learning/F2F delivery model for an accelerated Level 3 and 4 Steamfitter/Pipefitter cohort. In this pilot project, 4 weeks of what was originally delivered in a block release format (mostly all the theory components) will be delivered in an 8 week online learning management system. The remaining 10 weeks will still be delivered in front of an instructor (cross connection control and gasfitting).<li data-bbox="464 789 1430 982">• BCIT is also involved in FIATT project. Their proposal was originally only to deliver gasfitter training, but they will be involved in a delivery of much more. Plumbing 1, 2, 3, 4. Steamfitter 2, 3, 4. Gasfitter A and B are all being created as an online delivery with 2 weeks practical F2F session. The pilot project will trial one cohort through each class.

New Business

Item No.	Discussions & Actions
7.1	7.1.1 Motion to Adjourn: Accepted: Greg W. Seconded: Rod S.

Evaluation and Adjournment

Item No.	Discussions & Actions
8.1	Meeting Evaluation: Positive
8.2	Next Meeting Date: June 21, 2016 (tomorrow)
8.3	Next Meeting Location: UFV
8.4	Meeting Adjournment: 3:05pm

Meeting Date:	June 22 , 2016
Location:	UFV
Meeting Time:	8:30am – 3:00pm
Committee Chair:	Ron Stewart
Recording Secretary:	Darren Vaux

Participants:	Brad Oliver (Okanagan College), Greg Wirachowsky (Okanagan College), Al Paterson (Camosun College), Tim Carson (B.C.I.T.), Paul Simpson (TRU), Rob Hughes (NIC), William Schwarz (UA Local 170), Rod Lidstone (Camosun), Rick Vanier (P.V.C.), Rodney Smith (UFV), Jess Kilpatrick (North West Community College), Thomas Leuvekamp (Kwantlen), Ernie Buziak (College of the Rockies)
Regrets:	Rob Bradbury (P.V.C.), Sven Rhodes (Kwantlen College), Tim Roberts (NLC), Brian Sweet (BCIT), John Gordon (Camosun)
Guests:	Angela Caughy (ITA), Colleen Rogan (ITA), Kristen Holliday (ITA), Shannon Mitchell (Open School), Jeremy Braacx (BCWWA), Lindsay Langill (TRU), Richard Pfefferkorn (BCSA)

Administration

Item No.	Discussion & Actions
9.1	<p>Welcome:</p> <ul style="list-style-type: none"> Ron S. welcomed the group to the second day of articulation meetings. Ernie Buziak (College of the Rockies) joined the group for the second day of meetings.
10.1	<p>Open Discussion</p> <p>10.1.1</p> <ul style="list-style-type: none"> The committee was reminded to forward their respective P.A.C minutes prior to each Articulation so that our industry partner’s concerns can be brought forward to this group. The Chair will promote this process prior to next year’s meeting and will remind our participants. In the meantime, the group was asked to forward their 2106 P.A.C minutes to the Chair so that we can include them with this year’s Articulation minutes.

Reports

Item No.	Discussion & Actions
11.1	<p data-bbox="370 436 870 472">Pipe Trades SLP: Lindsay Langill (TRU)</p> <p data-bbox="415 478 500 506">11.1.1</p> <ul data-bbox="467 520 1433 1879" style="list-style-type: none"><li data-bbox="467 520 1433 590">• Lindsay talked about some of the opportunities and threats that face public post-secondary trades training institutions today.<li data-bbox="467 596 1433 709">• Lindsay encouraged the participants to ensure that their Deans are responsive to local industry needs. More and more private trainers are looming on the horizon.<li data-bbox="467 716 1433 863">• It was encouraged that the institutions maintain a value-added experience in their training programs. We need to ensure industry that the student experience meets their needs and that we should be their choice of training provider.<li data-bbox="467 869 1433 938">• There was mention that all schools should look at additional opportunities to meet the needs of their area’s different industries.<li data-bbox="467 945 1433 1014">• Sharing of department resources has tremendous value and it was reinforced to continue with this current trend amongst institutions.<li data-bbox="467 1020 1433 1167">• Online training has obvious value, but we must be careful to meet the needs of all learners- face to face will always have significance but the increase in using a blended model of delivery will also be welcomed by our stakeholders.<li data-bbox="467 1173 1433 1287">• The ITA’s focus is still aimed at promoting youth into the trades, and a focus on engaging youth very early in their high school careers will remain.<li data-bbox="467 1293 1433 1488">• Lindsay encouraged the group to maintain the activity with local P.A.C.’s. Let your local industry tell us what they need and we will help them meet those needs. Invite as much participation from contractors as possible, in order to help them feel they are getting value for their investment. Industry support is the key to our longevity.<li data-bbox="467 1495 1433 1759">• Rick V. asked if Lindsay had any data on the completion rates of those students involved in Foundation programs. He did not, however it was stated that the value of foundation can be measured by several means other than just completing that trade. Participation in a Foundation program can be beneficial for many reasons, including helping students select their own career path- regardless of the trade they may enter.<li data-bbox="467 1766 1433 1879">• Lindsay spoke about the very successful “Construction Sampler” course for ACE-IT students that is being taught at TRU. This four-trade program has helped give students some guidance into the trades and

	<p>it has been very well attended. Most students pursue an apprenticeship once they have gotten the chance to participate with various skill sets.</p> <ul style="list-style-type: none"> • Paul S. asked the question about revenue collection for resource development (royalties) and how we can create a new model to capture the funds to continue to create common, open resources. A new model would help this process dramatically to garnish the funds required. Lindsay said he would help take this to the ITA and the possibility of creating a sub-committee from this group was mentioned. Much discussion about the benefits of a new fund collection system occurred with the group. • Rick V. mentioned he would like to see the ITA's funding of the Standard Level Exams redirected to fund common resources • Action Item: Lindsay will take the discussion of royalty/fund collection from all trades students via a "flat rate fee" basis to BCATTA and update the Chair with any progress.
11.2	<p>ITA: Angela Caughy (Program Development Officer)- Harmonization - Plumbing</p> <p>11.2.1</p> <ul style="list-style-type: none"> • Angela was joined by Colleen Rogan (Program Manager) and Kristen Holliday (Exams Maintenance) from the ITA offices. • Colleen presented on the ITA's current direction for the Harmonization process (see the ITA's presentation). • The key piece for Harmonization is the consistent sequencing of training content amongst the different provincial training providers. • Plumbing and Steam are in the process as part of Phase 2 • Sprinkler system installer is the next pipe trade to be harmonized in Phase 3 with an RSOS consultation workshop. • Colleen mentioned that moving forward there will be difficulty in establishing additional delivery time for face to face training. Industry doesn't support additional time for their apprentices to be absent from work and the funding for additional weeks will always be an issue. • Angela outlined the new Plumber sequencing that will be coming to our programs. • Angela outlined the new Steamfitter/Pipefitter sequencing that will be coming to our programs. • Kristen presented on the annual exam results from the various pipe trades- both IPSE and the SLE • The question was asked: what purpose are the SLE's accomplishing? Colleen mentioned that it is good practice and feedback as a formative assessment. Accountability of the training providers is another reason. • The committee asked if there was any data to prove that these

	<p>rationale are being indeed accomplished. No data is available at this time.</p> <ul style="list-style-type: none"> • SLE invigilators will be reminded of the exam process and more constancy will come with the exam sessions. Misinformation has created some issues among different SLE's at different institutions.
<p>11.3</p>	<p>Open School: Shannon Mitchell – Common Learning Resources</p> <p>11.3.1</p> <ul style="list-style-type: none"> • Shannon gave a verbal update on the Open School common learning module project. • Level 2 plumber is almost completed and near ready for production. • By the end of 2016 all of Level 2 will be available for sale. • Line A for plumber will get a revision- with possible adoption of the common core safety module from BC Campus. • Level 2 steam is on the horizon for development. • The committee was encouraged by Rod L. to pass on to their departments the importance of submitting errors in the modules to the BC Trades Modules website. BCID is needed by instructors to access administer rights. Students can add comments to the module website as well. • Committee asked about common gas curriculum. There is discussion that needs to occur with the ITA first. The group feels that this process should be started as soon as possible (some curriculum components could be prepared as soon as possible, as we know what some of the content is that will be required). Provinces like Manitoba have learning materials that might help us. • CSA is a barrier in the development of learning documents that mention their code. They are inflexible in the use of any of their content and this is a major issue for our plan to develop resources. • Action Item: Shannon will ask CSA for rights to mention the B149.1 Gas Code in the development of our materials.
<p>11.4</p>	<p>BCWWA – Jeremy Braacx</p> <p>11.4.1</p> <ul style="list-style-type: none"> • Jeremy gave a presentation to update the committee on the status of the BCWWA's cross connection control certification program (see presentation). • 45 water purveyors currently manage a CCC program in their area (up from 38 last year). • 419 new testers certified in 2016. • BCWWA now has practice exam questions on their website. • Students get an exam breakdown if the exam is written online.

	<ul style="list-style-type: none"> • BCWWA receives better data with the use of online exams. • The orange manual is under a national review process. Better graphics and revised content will be added. • CCC inspector program is under review by BCWWA. The future of this program is uncertain. Approx. 70 inspectors have achieved certification to date.
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Open Discussion

Item No.	Discussions & Actions
12.1	<p>12.1.1 Open Discussion</p> <ul style="list-style-type: none"> • Discussion occurred that next year's meetings will likely take place at Okanagan College in Kelowna (TBD). • Ron Stewart will remain Chair for next year. Darren Vaux will remain recording secretary.

New Business

Item No.	Discussions & Actions
13.1	13.1.1 Motion to Adjourn: Accepted: Rod L. Seconded: Paul S.

Evaluation and Adjournment

Item No.	Discussions & Actions
14.1	Meeting Evaluation: Very Positive
14.2	Next Meeting Date: June 21/22, 2016 (TBD)
14.3	Next Meeting Location: Okanagan College (TBD)
14.4	Meeting Adjournment: 3:00pm

