

Meeting Date:	June 24 , 2015
Location:	TRU
Meeting Time:	8:30am – 3:00pm
Committee Chair:	Darren Vaux (acting)
Recording Secretary:	Mark Overgaard (acting)

Participants:	Brad Oliver (Okanagan College), Rob Lafreniere (Kwantlen College) Scott Armour (Camosun College), John Gordon (Camosun College), Mark Overgaard (B.C.I.T.), Marty Old (TRU), Paul Simpson (TRU), Rob Hughes (NIC), Tim Roberts (NLC), Pat Barringer (TRU), Brad Heidmann (UA Local 170), Rod Lidstone (Camosun), Brian Sweet (BCIT), Darren Vaux (Camosun)
Regrets:	Rob Bradbury (P.V.C.), Sven Rhodes (Kwantlen College), Rick Vanier(P.V.C.), Glen Wong (UA Local 170), Rodney Smith (UFV), Ron Stewart (BCIT)
Guests:	Shannon Mitchel (Open School), Cory Williams (ITA)

Administration

Item No.	Discussion & Actions
1.1	Welcome/Introductions Participants introduced themselves and briefly outlined their respective programs.
2.1	Approval of Agenda: Accepted: Rob H. Second: Paul S.
3.1	Approval of Minutes of June 4 & 5, 2014: 3.1.1. No issues arose from last year's minutes 3.1.2 Approve 2014 Minutes: Accepted: Marty O. Second: Paul S.
4.1	Review of Action Items & Business Arising from Past Minutes: 4.1.1 Discussion arose regarding Harrison Hot Springs being the location for piping articulation on a continuing basis. Two options: colleges would take turns covering the costs or all colleges would split the bill each time. Scott A. will research options for us at Harrison.

Reports

Item No.	Discussion & Actions
5.1	<p data-bbox="370 478 792 510">Open School: Shannon Mitchell</p> <p data-bbox="418 520 488 552">5.1.1</p> <ul data-bbox="467 562 1435 1890" style="list-style-type: none"><li data-bbox="467 562 1105 594">• Level 1 learning guides released last February<li data-bbox="467 604 1377 667">• Cross Connection Control “White” Manual (author: R. Mawle): the updated version is to be reviewed soon<li data-bbox="467 678 1360 783">• Discussion arose regarding using the “Orange” Canadian AWWA manual versus using the White manual. Colleges discussed which manual they used and how they used each.<li data-bbox="467 793 1435 898">• Discussion arose regarding the total costs required to take the cross connection exam. Costs also include buying the orange manual, which isn’t actually a teaching manual.<li data-bbox="467 909 1409 982">• A number of instructors are currently writing material for the Level 2 plumbing learning guides.<li data-bbox="467 993 1409 1098">• Considering Level 2 is much more trade specific than Level 1, writers have been finding that the material is slower to develop. Some are finding that it is taking more time than originally anticipated.<li data-bbox="467 1108 1419 1255">• All schools talked about whether or not they use the Level 1 modules and their experiences with it. Schools need to create resources which revolve around the modules. This would include power points and exams.<li data-bbox="467 1266 1409 1371">• Camosun has developed Level 1 exams that match the new Pipe Trades Learning Resources and they have offered to share them with the committee.<li data-bbox="467 1381 1403 1528">• Brian S. noted that gas fitting will need additional material for those schools who include gas fitting in their combined first year classes. Members from those schools agreed. An additional 2 weeks would likely be required.<li data-bbox="467 1539 1409 1644">• Level 2 Learning Modules will be divided into 3 volumes by content, rather than by Line: storm and sanitary, hydronics and the remainder will be included in the last volume<li data-bbox="467 1654 1354 1728">• It is intended that 2 of the 3 volumes will be ready for sale in the spring of 2016 (excluding storm and sanitary)<li data-bbox="467 1738 1409 1770">• Shannon went through a brief tour of the BC Trades Module website<li data-bbox="467 1780 1360 1812">• It was noted that there have been issues getting a BCeID account<li data-bbox="467 1822 1435 1890">• Shannon handed out a sheet outlining how instructors get onto the BC Trades website including getting their BCeID account and passwords

	<ul style="list-style-type: none"> All images from the have copyright permission to be used in class and on password protected websites such as D2L.
<p>5.2</p>	<p>BCIT: Brain Sweet</p> <p>5.2.1</p> <ul style="list-style-type: none"> Brian noted that the Gasfitter “A” and “B” fitter Red Seal NOA documents have been out for a year. The 2 documents are very similar. The “A” and “B” NOA documents are distinctly two separate trades It was noted that this may change to allow the documents to reflect that level “B” will ladder into level “A”. The exams for both the “A” and “B” will be ready at January 2016 It was noted that we need to immediately begin the process of updated the resources for the new “A” and “B” gasfitter programs Rod L., in conjunction with Ron Stewart from BCIT have begun discussions regarding the possibility of updating the existing BCIT material. This could be done with assistance of ITA funding. The committee agreed that we need to position ourselves to be ready with material when the new outlines are developed for Gasfitter “A” and “B”. MOTION: (Rod L.) that Open School make a request for funding to rewrite the BCIT gas fitting “A” and “B” Learning Resources to match the new NOA. A vote was taken and unanimously approved MOTION: (Rod L.) made a motion that this committee ask BCIT to release copyright for the “A” and “B” gas fitting manuals and give it “Creative Commons-BY” which allows sharing with attribution to BCIT. A vote was taken and unanimously approved
<p>5.3</p>	<p>Camosun: Rod Lidstone – BC Campus- Trades Access Textbook Project</p> <p>5.3.1</p> <ul style="list-style-type: none"> See Rod’s presentation attached Rod L. and Camosun have been working with BC Campus to create Trades Access Common Core (TACC) material which will be free for all students and institutions to use All TACC material will be on the BC Campus website September 1st 2015
<p>5.4</p>	<p>Kwantlen: Rob Lafreniere (substituting for Sven Rhode)</p> <p>5.4.1</p> <ul style="list-style-type: none"> Discussion regarding Foundation Program duration and funding

	<ul style="list-style-type: none"> • Duration of training between the schools ranges from 21 weeks to 31 weeks • 21 weeks of funding is the funding basis from ITA for plumbing Foundation. Four more weeks of funding can be requested if you add other trades such as sprinkler fitter or steamfitter/pipefitter. • All schools may not have the same duration but should be able to work with the same curriculum • John G. mentioned that there is a 30 week Foundation Multi-Outcome Program Outline that was developed in consultation with industry, but has yet to be adopted by the ITA. The ITA is in receipt of this document and has been for a few years now.
5.5	<p>ITA: Cory Williams</p> <ul style="list-style-type: none"> • See Cory's presentation attached • Jeff Lextrom from the ITA accompanied Cory • Harmonization of trade programs at the provincial level is a key initiative • ITA is looking to create a multi-year funding framework to help post-secondary education institutions with multi-year financial planning • Pan-Canadian harmonization within the trades: Gasfitter could be next in line for the harmonization process as it is going through changes at the moment. • Question: What happens to current apprentices who start on a certain path when Gasfitter becomes a Red Seal trade? • Re: Gasfitters who initiate training in the current BC system: ITA will honor the path that the trainee initiated. Apprentices are not expected to experience any hardship in their training. The tentative date for the beginning of the transition plan is fall 2016. • ITA is willing to look at ways to support learning resource development for Gasfitter. • Cory acknowledged the need to continue to support learning resource development. If harmonization starts to take shape, BC may work with other Provincial jurisdictions in creating National learning resources. • Question: Are all institutions going to be doing standard level exams for foundation? As there are many schools running foundation this question cannot be answered at this point. In the long term the answer is yes. • Delays have occurred due to large volume of work to be done with the other ITA level exams. They will be going ahead and will be dealt with at the same time as the new program outlines. Both will be unveiled at the same time. No time set right now. • ITA existing system of tracking foundation graduates is being modified

	<p>to make it easier for them to accommodate multiple outcomes programs</p> <ul style="list-style-type: none"> • Apprentices are able to serve two apprenticeships at the same time. Full hours are required to be filled for both.
--	--

Open Discussion

Item No.	Discussions & Actions
6.1	<p>6.1.1 Common level 1</p> <ul style="list-style-type: none"> • Discussion occurred regarding what happens when Gasfitter becomes Red Seal. How does this affect common level 1? • Idea that Gasfitter is kept in a common core level 1 – this could possibly be accomplished by adding two more weeks onto the current six week level 1 duration. • Possibility for plumbers, etc.: as Red Seal Gasfitter is introduced, some gas fitting could be maintained in level 3 and 4 and have the students write for a “gas piping” C of Q in order to maintain their ability to size and install gas distribution piping. • The Articulation committee would like to re-establish the fact that we should be the only advisory body for the ITA with any matters relating piping trades training. Cory Williams agreed this will remain the process moving ahead. • Discussed having Refrigeration Technician a part of the level 1 core curriculum – this could also occur if we were given more time in level 1, or added weeks like proposed Gasfitter level 1

New Business

Item No.	Discussions & Actions
7.1	7.1.1 Motion to Adjourn: Accepted: Brad O. Seconded: Rob H.

Evaluation and Adjournment

Item No.	Discussions & Actions
8.1	Meeting Evaluation: Positive
8.2	Next Meeting Date: June 25, 2015 (tomorrow)
8.3	Next Meeting Location: TRU
8.4	Meeting Adjournment: 3:00pm

Meeting Date:	June 25 , 2015
Location:	TRU
Meeting Time:	8:30am – 3:00pm
Committee Chair:	Darren Vaux (acting)
Recording Secretary:	Mark Overgaard (acting)

Participants:	Brad Oliver (Okanagan College), Rob Lafreniere (Kwantlen College) Scott Armour (Camosun College), John Gordon (Camosun College), Mark Overgaard (B.C.I.T.), Marty Old (TRU), Paul Simpson (TRU), Rob Hughes (NIC), Tim Roberts (NLC), Pat Barringer (TRU), Brad Heidmann (UA Local 170), Rod Lidstone (Camosun), Brian Sweet (BCIT), Darren Vaux (Camosun College)
Regrets:	Rob Bradbury (P.V.C.), Sven Rhodes (Kwantlen College), Rick Vanier(P.V.C.), Glen Wong (UA Local 170), Rodney Smith (UFV), Ron Stewart (BCIT)
Guests:	Lindsey Langell, SLP (TRU), Brad Wyatt (BCSA), Jeremy Braacx (BCWWA)

Administration

Item No.	Discussion & Actions
9	Welcome: Darren V. welcomed everyone to the second day of articulation meeting.
10	<p>Open Discussion:</p> <ul style="list-style-type: none"> We haven't been seeing PAC reports at the articulation meetings. Next year schools will be asked to submit PAC reports before the articulation meetings. It's important that these reports are included in the articulation minutes when we submit them to BCCAT (BC Council on Admissions and Transfer). A request was made to have all schools send this year's PAC reports to Ron Stewart so that they can be included in this year's minutes. The request was made to have these reports sent to Ron by July 3, 2015.
11	<p>Reports</p> <p>11.1 System Liaison Person (SLP): Lindsay Langill</p> <p>Lindsay Langill is the Dean of Trades and Technology here at TRU. He is the system liaison person for piping. The minutes from this meeting to go both BCCAT and to Lindsey. He then takes those minutes to BCATTA.</p> <ul style="list-style-type: none"> He talked about the role of the system liaison person in relation to giving the articulation group an avenue to have its concerns heard.

- The articulation group can write a concept paper regarding their ideas and what they would like to see happen in the future. The group would then give this to Lindsey who would take the concept paper to the Dean's as well as being our voice to the ITA.
- There are 15 SAG's (Sector Advisory Group's) around the province representing different industries. SAG's will gather data regarding how each industry is doing and going to be doing in the future. It was suggested we should try and include a member of SAG in our PAC if available in your area. We can then get the data from our particular SAG and include them in the PAC minutes.
- The idea was brought up to invite instructors from articulation groups outside the province to this articulation.
- Idea came forward to add a textbook fee be charged to students. This fee would be charged to all students. Students would not have to buy textbooks but rather would get free access to online textbooks. Lindsay requested that we put forward a concept paper to him regarding a suggested royalty collection system for online textbook maintenance.

11.2 BCSA: Brad Wyatt

- **BCSA (British Columbia Safety Authority)**
- Talked about students and hours required to write the exam.
- Numerous students since 2003 (approximately 1500) have written the gas exam but never collected their gas ticket. They come back ten years later wanted to get their ticket. They will have to retake the course and rewrite the exam. These individuals are being removed from the system.
- BCSA is working on the transition plan for when Red Seal gas fitting takes over.
- Articulation committee indicated that we would like to help in the transition process.
- What happens when individuals are not successful in the gas program they are in? Ex. They have taken the gas component in Plumbing Level 4 but has not achieved the required mark to write the "B" exam. Students who don't end up re-writing after 30 days should make sure to contact the safety authority within 60 days to get a refund.
- Discussion occurred regarding what constitutes a student being successful in the program and therefor being allowed to write the BCSA "B" exam.

- Special sittings are for exams being taken by apprenticeship students
- Gas FSR (field safety representative) exam is not a high priority at this time. When the gas fitting red seal comes in everyone who already has a gas ticket would be grandfathered and become a gas FSR. Being classified as a FSR will be the only way to get your name on a permit once the red seal comes in. All students who go through the red seal process will not automatically become an FSR until they write the FSR exam.
- Appliance service technician: Why is it being used as a stepping stone to the “B” and to the “A”? It should not be but this has occurred.
- All gas fitters who have tickets at this time will not be required to take an apprenticeship when the red seal comes in. Current gas fitters will be grandfathered the status of an FSR. A gas fitter will have to challenge the red seal exam in order to work in other parts of Canada.
- Canadian electrical Code: Any version from 2002 on works. It has to be an original copy that isn't full of extra material.
- Issue came up regarding the tables in the 2012 Electrical Code. This should not be an issue when students write the exam.
- It was requested that Brad look into the possibility of adding a restricted electrical endorsement (RE) for the gas “B” and “A”.
ACTION ITEM: Chair to send an email to Brad Wyatt Re: adding Restricted Electrical certification to Gas Fitter. (similar to Refrigeration apprenticeship)

11.3 Steam: RSOS Brian Sweet

- **RSOS (Red Seal Occupational Standard)**
- Review was done on the occupational standard for steam. BC is the host province for the Pipefitter/Steamfitter trade. The idea is to harmonize curriculum across the country. As we begin to harmonize across the country the times to teach each subject will also have to harmonize. There are three topics in the occupational standard that will be expanded and time to teach these will become an issue.
- It was suggested that the committee show their support to this process (through Kirsten) to help as this goes forward
- **ACTION ITEM: Chair to request information from Kirsten V. at ITA for information regarding the status of the steamfitter RSOS and if a copy may be made available to this committee.**

	<p>11.4 BCWWA: Jeremy Braax</p> <ul style="list-style-type: none">• Jeremy gave an update on Cross Connection and Control• BC is the only province where the schooling includes enough hours to allow the students to be eligible to become certified• Gave an update on the tester program.• BCWWA’s Education Advisory Committee is working on reviewing the content of the AWWA Canadian CCC manual. Proposed changes are subject to a national review process.• BCWWA’s CCC committee has been revitalized and includes some new members including Chris Twemlow (chair) and Richard Yoo (vice chair).• Question regarding whether or not we need to continue to use the orange manual? The idea is that the orange manual goes above and beyond what is mandated by the building code (CSA B64) and it is recognized across the country.• Who can attend a “stand alone” CCC tester’s course? Are there any background requirements to attend this course? This is and has always been an issue and has been brought up across the country. The idea is that the course filters itself.• Jeremy stated that we are ahead of the game here in BC due to the fact that students have the ability to certify during Level 3 piping programs including plumber, steamfitter and sprinkler fitter.• CCC tester’s tickets work across Canada. A tester from a particular province just has to register with the province they are moving to.• Recertification exam will go up to \$120 in September. This will include the exam fee and their tester’s certificate for a year.
<p>12</p>	<p>Open Discussion</p> <ul style="list-style-type: none">• Camosun College will be hosting the National Pipe Trades Conference in Victoria April 27 & 28, 2016. More information will come to this group from Camosun once things are finalized.• Pat B. updated the regional and national skills competitions.• Committee Chair to request to our SLP that BCAAT be asked if they would support our costs to fund relocation of our annual meeting to Harrison Hot Springs. Cost per school per attendee for Harrison would be approx. \$110 for the 2 days (includes lunches and a meeting room with AV equipment). The Deans would share this cost.

New Business

Item No.	Discussions & Actions
13	Location and Dates for next year's meeting: Holding the meetings at Harrison Hot Springs was brought forward and everyone liked the idea. A proposal was put forward to have the meeting Wednesday June 22 and Thursday June 23 2016. Motion to Adjourn: John G. Second Mark O.

Evaluation and Adjournment

Item No.	Discussions & Actions
14.1	Meeting Evaluation: Positive
14.2	Next Meeting Date: 2016
14.3	Next Meeting Location: Harrison Hot Springs June 22, 23 2016
14.4	Meeting Adjournment: 1:40pm