

Quarterly Networking BILT Meeting August 20, 2013

Meeting Minutes

Attendance:

Lynn Mortenson	Dave Galley	Dan McGee
Tu Huynh	Bill Blitt	Dan Meyers
Ron Halbach	John Priene	David Hattox
Robert Thomas	John Sands	Phil Davis
Glenn Wintrich	Molly Guard	Earl Simpkins
Bill Johnson	Lewis Scaife	Lenny Portelli
Brian Smith	Steve Willis	Mike Pupolo
Matt Glover	Judith Roberts	Mary Briden
Christina Titus	Cicely Miller	Scott Veibel
Helen Sullivan	Heather O'Neil	Wayne Lewis
Mark Dempsey	Jen McGarvey	Candy Slocum
Saydi Tillman	Jeff Palmer	Eliazar Martinez
Julie Hietschold	Bill Saichek	

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Welcome and Attendance: Ann Beheler

Ann Beheler - Once a year the BILT gets together to talk about The KSA for the IT curriculum it's a little different from our annual meeting, in terms of the DOL grant we listened to what you wanted in May and for many of the colleges in this grant it is the first time they have been introduced to this process. You telling us what you want us to teach and us taking it and filling in the gaps, we have a lot to present today in terms of certificates mapped to KSAs and degrees mapped to KSA, we have later in the day for you to tell us what you want us to carry out for the remainder of the year.

Glenn Wintrich - Can you tell us again what the goals are for the two different grants?

Ann Beheler - Sure I can do that, here is what I presented in 2012, NISGTC is the DOL Grant. Collin is the lead for Networking, Bellevue/BHCC are the leads for Programming, Del Mar leads GIS, MVCC leads

Cybersecurity, and SLCC leads GIS. DOL background created to address TAA workers. TAA and Other we defend other as anyone else, women in IT, ethnic minorities, vets, unemployed people in general. We are evidence based and keeping data like you wouldn't believe. Lots of tutoring, improving retention and reducing the time to completion. Courses online and virtual labs. Students are able to complete their labs any time and place with internet access. We do address programming, networking, cybersecurity, geospatial technologies. This BILT address, both grants.

Glenn – just a high level

Ann- Everything in networking will continue through CTC that last through 2016 and DOL will last thru 2014 maybe 2015.

Glenn- This group is representative of both groups

Ann- that is correct we would have been inviting most of you to two meeting and not being efficient with your time. National CTC goals there are 8 colleges involved.

Glenn – that first bulletin it the important one is that the CTC goal is to grow, how do we level the education.

Ann- the DOL grant focus on the 7 colleges on the grant- but everything we create has to be open source to share about to do a change to do so, CTC is expected to share and we are growing a network and we are sharing. CTC also has an instructors bureau of competent instructors. Modeling our BILT. The completion agenda is a big agenda for academics nationwide, the state only recognizes completers as certificates and degrees but mostly degrees.

Glenn- Maybe we can lobby not you Ann but the business to our representatives, that if a student leaves because they get a job that is successful and completer.

Matt- They must be disappointed in Bill Gates for dropping out.

Ann- the state only funds 17% of education at colleges the rest it through tuition.

Bill Saichek- one thing I would like to add about legislation and completion- at least in California our state legislation-and completion as transferring in an academic . Completion does not mean just a degree not just in English but that technical degrees .

Ann- We are getting massive amounts of equipment through the DOL .

Glenn- Maybe canvas up folks to what mooc and a flip class they are starting to understand that times are changes but they are not changing what they grade the school by.

Ann- Remind what we did on the KSAs- we actually started with a list of job skills since we have been working with this for a while. For Collin here is

Candy- in another part of the work world they still need to learn cad drafting but it is a basic skill that the high school students need to learn- so in high school students are taught a skill. So is there are way that a 2 can be feed down to the secondary level and say that all of you need to be teaching this.

Robert Thomas –

Candy- using your underlying skills from this or put this at the lower level?

Ann- no they are being covering.

Matt- I think we have two stories going on here. BOB is talking about generalist in the IT form and then there is the stackable certificates . We do have 4 yrs schools here so that you can take you certificates and take that to a 4 yr. and get them.

Dave Galley- the importance to recognize is that this is a pipeline starting in the 10th grade. You're having two conversations- what are the basic standards all of ours first your courses have this, A+. But then we have a dual degree as some schools want to turn out students with A+, Net+, Security+, have to have certification have a job at Dell while they are at Collin College.

Matt- K3 not that important,

Ann- Collin- CCNA only has four classes but as you can see these classes feed over into other programs. Please look at this and if you have any questions please let us know we have some SMEs here that can help answer questions. We are looking for you to recognize these.

Matt- Can you point out to me where

Spanning tree CCNA 3 the difference between layer 2 switching CCNA 3- the other part is done in CCNP –CCNA 4 as well.

TU- Done in a CCNA 4

Matt- Dynamic routing protocols – CCNA 2 (John Perine- they changed the curriculum to version 5.0 now they start out with the basic 1 they have moved a lot from 2 and 3 to 1. Advanced routing calls will be done in 3) Netting (done in CCNA4) also taught in a network + class.

Matt- I had asked when they were interviewing what were the top things they were looking for and those are the things they said- they have to have it could otherwise they won't understand or get past the interviews.

John- Netting has to be taught in cisco and network +

Lynn- That is important the Cisco degree doesn't keep students from learning generic.

Matt- It is important to teach students to have work ethic, personality, passion in their work, and to learn pride in their work.

Glenn- K4 the systems administrator role is changing it is also taking over network administrator are being called infrastructure administrator. SO is K4 where they would be trained for that.

Tu- K4 is for maintenance- that is a whole process.

Ann- if I may jump in we may have to add a section

Bill- as I look through K4 who is not using virtualization combined- I don't see that here from an operation systems maintenance, I don't see cloud services, DropBox.

TU- that is what this meeting is about because this terminology is changing

Ann- Are you ok with what you see from Collin-

Matt- In favor of scratching K3

All agreed

Ann- here is what you said here is how we used it I want you to recognize what we did.

Businesses recognize Collin's Certs and degrees.

Review of KSAs - BHCC

CCNA only has 3 KSAs, found 9 KSAs will vote to recognize after see a review.

Matt- Can you walk us through how many students go through these programs

Paula- Cisco 180- 200 students at any time, we fast track the cisco courses as needed

Matt- What is the office support certificate?

Paula- that is the access and excel exam- entry level computer support system, helpdesk front line desk, we find they are getting positions in non-profits. Every enter course has a section on database. Access is database design.

Bill – do you teach a follow up to database?

Paula yes- we have a whole database program, oracle based with a SQL Server base.

Glenn- both the office support and comp support, those are good certs they are really good for entry level positions.

KSAs

K4- starting bigger trend for infrastructure. Systems of administrators on steroids. At this level having them understand that this is a Segway. How these things are connected.

Is android at the 3 level or not?

Ron- if were looking at reduction then do we want to remove then an awareness is something else.

Robert Thomas- there should be awareness that BYOD (Bring Your Own Device) is huge so they are going to need to know about it.

Glenn – How can a two year person handle that?

Matt- I get that I would not put a two year on that it would be my senior person.

Glenn- that's why I asked a network guy probably would not need that.

DMC- Do not teach CCNP, Tech Prep- LAN technology Certificate – do not offer Microsoft anymore.

Businesses recognize Delmar's certs and degrees.

Bellevue- no one one call will email out with rio

MVCC- Business like the programs think they are laid out very well. LAN 101 is similar for all but tailored for networking and cyber.

Glenn- your first two programs flow nicely into your 3rd and 4th program flawlessly.

Matt- Voice and data elements- we have security issues.

John- how we cover that is with the limitation we have a competition, we bring businesses in for this. We do bring some security in every class.

Matt- we need to see what we can think about pragmatically what can we do in a 2 yr.

Businesses recognize MVCC's certs and degrees.

Glenn- as we go do we have a specialization in virtualization storage and cloud.

Ann- Credit hours are going down but the contact hours are going to increase.

Glenn – or if you are looking for a certificate in CE this is where you could do Cloud or storage.

Rio- The businesses would like it done in the format so that they can be consistent in the method they are using recognition.

Glenn- what is the limit 54 ?

Glenn- Linux 4 programs is that something that your local advisory board said that it was important.

Rio- Estrella mountain has that they are a red hat member they are stackable.

With Maricopa you have to be able to show on a continuous basis that the students are need or else the program is not continued.