August 31, 2010 Business Advisory Council

Present on the phone:

Portia Bass	Bass Economics, Inc.	Pete Brierley	Collin College
Ron Halbach		John Delgado	Seminole State College
Julie Hietschold		Karl Dietrich	Lansing Community College
Tu Hyunh	Comerica Bank	Ernie Friend	Florida State College
Kurtis Sampsom	Phillips Medical Systems	Bill Gaught	Seminole State College
Candy Slocum	North Texas InterLink	Ellen Hill	NE Louisiana Technical College
Scott Veibell	Cisco	David Keathly	UNT
Glenn Wintrich	Dell	Cherylee Kushida	Santa Ana College
		Eliazar Martinez	El Centro College
Ann Beheler	CTC	Lenny Portelli	Seminole State College
Ann Blackman	CTC	Jonathon Pulling	Lansing Community College
Helen Sullivan	CTC	Ben Taylor	Seminole State College
Patti Tenenbaum	CTC	Pierre Thiry	City College of San Francisco

Agenda:

1. Welcome and Introductions
   - **Helen Sullivan** took roll of attendees.
   - **Ann Beheler** welcomed everyone. She noted **Dr. Bette Plog's** absence due to her retirement. She acknowledged all of the contributions Dr. Plog has made to the CTC and noted that **Eliazar Martinez** is now the co-principal investigator for El Centro College.
2. Business and Industry Trends
   - **Scott Veibell** continued the discussion from the last meeting with the observation that the trend of data centers supporting the cloud is here to stay. He observed that this will revolutionize how software is delivered. **Ron Halbach** agreed and mentioned the importance of watching the trends of fiber networks as well as the fact that data centers and virtualization are truly partners. **Julie Hietschold** agreed and pointed out that these items are covered in the EMC storage classes.
   - **Ernie Friend** announced Florida State College's bio-medical repair clinic continues to take out electronic courses and replacing them with networking courses. They are replicating what you are finding in hospitals: Wireless and/or wired networks. He mentioned the good employment opportunities their students have. **Ann Blackman** agreed and shared that Collin College now has a co-op partner in Baylor Frisco hospital. **Lenny Portelli** reported similar experience at Seminole State College and shared how their nursing program requests more and more assistance from technology for simulations. **Kurtis Sampson** shared that all of these examples relate to what Phillips Medical Systems are calling their Strategic Initiative which is a clinical transformation that turns "bits and bytes of information" into not just better care but a better bottom line. He offered himself and Phillips Medical Systems as a resource to the CTC schools. **Ann Beheler** suggested that bio-medical technology is an important topic for the November job skills analysis.
   - **Ann Beheler** introduced **Portia Bass** as a new BAC member and asked her to address the issue of mobile networks. Portia observed that an important part of the cloud is mobile. **Glenn Wintrich** agreed that the mobile market and the network that it supports is taking off. He predicted that in the next 5-10 years that mobile devices such as pads and tablets will be the primary computing device for the majority of individuals. Portia agreed and stated that projected numbers may be even more positive than currently being reported. Glenn suggested that this whole topic relates to the CTC within the study of fixed mobile convergence and the importance of security of the networks.
   - In closing the Industry Trends conversation, **Ann Beheler** asked BAC members to begin thinking about how their companies could be involved in and support some faculty externships in the next year.

3. Old and New Grant Reports
   - **Ann Beheler** gave a review of couple months which saw the wrap-up of the old grant and the start of year two of the new grant. Summer is a very intensive time period of professional development activities for the CTC. Events included Synergy, Working Connections, and HI-TEC. She complimented the CTC staff on their ability to handle all these events while all the paperwork and processes included in closing out the old grant.
4. Business Chairman for Business Advisory Council
   - **Ann Beheler** announced she has asked **Glenn Wintrich** to take on the role of chair of the BAC to spur the CTC staff and on and keep the BAC meeting industry focused. Glenn accepted but also suggested we immediately implement a vice-chair role. His suggestion was for the vice-chair role to involve very minimal work but with the intent to be chair in the next year.
5. Actions from May BAC Meeting
   - **Ann Beheler** reported that with the time and effort involved in closing out the old grant, she and the CTC staff had not had the time since the May meeting to establish BAC break out groups like it had been suggested. The following break out groups were suggested to be established this fall:
     o Nortel Curriculum
     o WAN optimization
     o Certifications
     o Mobile Convergence (Glenn suggested this group for the purpose of creating opportunities to get guest speakers on this subject for college events).
   - In order to get started the break out group process started, Glenn requested a survey of the BAC – How individuals would like to be involved, when available, etc. Helen Sullivan will work on this with Glenn.
6. Curriculum Status and Curriculum Pilot Report [Not reported on]
7. Partner College Summer Report
   - UNT – **David Keathly** reported
     i. Recruitment: The ongoing success of the Robocamp program and the new venture of Robocamp Jump Start which this summer involved training K12 instructors on site at their schools so they are able to run their own Robocamps.
     ii. Curriculum Development: David and **Dr. Ryan Garlick** are wrapping up their curriculum project which is focused on programming mobile devices in a multi platform environment. Dr. Garlick is beta testing the curriculum with a class this fall semester.
   - El Centro College – **Eliazar Martinez**
     i. Recruitment
        1. Extreme Techno Camp was held for the 4th summer with 38 junior and senior high school students. It continues to be a successful program with 94% of this summer's attendees indicating they would "definitely consider IT" as a career.
        2. Eliazar has also been involved in bringing the new El Centro West Campus up to speed. He has focused his time on creating partnerships with agencies like the YMCA and area high schools.
   - Collin College – **Ann Blackman**
     i. Professional Development – Collin's Emerging Technology department hosted Academy Conference 2010, one of five nation-wide events organized by the Cisco Networking Academy. Over 150 educators participated in this event the week following the CTC's Working Connections IT Development Institute also held at Collin. 5 Collin faculty and 1 student attended the HI-TEC conference where **Pete Brierley**, of Collin, lead a half day workshop along with CTC mentored college partners.
     ii. Certificates and Degrees
        1. Recruitment and retention of the Collin's convergence program has been institutionalized within the Emerging Technology Department (convergence, networking and security).
        2. Enrollment is up: DHTI, Convergence and VoIP classes were all offered for the fall 2010 semester and all made with the new mandated minimum class size enrollments. These are the 3 classes whose curriculum was created through

the CTC. DHTI has been further institutionalized with its inclusion in the Electronics AAS and new Green Technology AAS degree programs.

3. **Julie Hietschold** shared how excited she is about Collin's collaboration with both the EMC and VMware academic alliances. She announced that the EMC course is complete and waiting for approval.

8. Other Business
   - Mentored Colleges – **Helen Sullivan** reported that the mentored college program continues to grow. **Ann Beheler** asked each mentored college representative on the call to provide a brief update:
     i. Florida State College – **Ernie Friend** reported they have proposal submitted for virtualization track. This is a result of partnerships like CTC and EMC. He also observed they are virtualizing classrooms for efficiencies within college operations.
     ii. Santa Ana College - **Cherylee Kushida** also reported that Santa Ana is virtualizing classrooms and she also emphasized how invaluable internships have been to their students, referring back to the discussion earlier in the meeting. They are pleased how their Green IT lab allows them to host businesses on campus. She shared when businesses see that students are responsible for the running of the lab, it makes internships and hiring opportunities an "easy sell."
     iii. Lansing Community College – **Karl Dietrich** expressed appreciation for participating as a CTC member this last summer at NISOD, Synergy, Working Connections. He also announced that they have had 4 students directly hired from internships and 3 students hired out fo the Cisco program. He sees this positive trend continuing.
     iv. Seminole State College **– Lenny Portelli** introduced he and his colleagues as the "new kids on the block" of the CTC mentored college program. He mentioned the value they have received with **Ben Taylor** attending Working Connections as well as he, **John Delgado** and **Bill Gaught** attending HI-TEC. He shared the collaborative project he is working on with Ernie at Florida State College.
   - **Ernie Friend** shared that he is involved in creating a web-site as a place for educators to connect with the business community. **Ann Blackman** will get with Ernie in order to share this resource with the rest of the CTC.
   - **Ann Blackman** congratulated **David Keathly** for UNT's Robocamp for Girls winning the Tech Titan award this last weekend.
   - **Ann Beheler** closing remarks
     i. She reminded everyone that 2011 will be the 10th year for the Texas State Working Connections IT Faculty Development Institute. She invited businesses to share with her ideas on how they would like to be involved.
     ii. She also recommended the new Google phone app.
     iii. She announced working with EMC to authorize the CTC as an educational center with the intent of creating a simplified process for partner an mentored colleges to become EMC centers.
     iv. Last, she mentioned that she would be looking more into the possibility of a sensor curriculum as a result of a HI-TEC session she attended.
   - **Candy Slocum** recommended that everyone check out InterLink's Targeted Occupations brochure is: http://www.interlink-ntx.org/pdfs/targetedbrochure.pdf. It features convergence technology as an evolving occupation.

9. Wrap-up and Invitation to next Face-to-Face Meeting: Nov.4 for Job Skills Validation and Nov.5 for Green IT Summit
   - Ann Beheler reminded all the business individuals to put the morning of Thursday, November 4 down for the date of our annual BAC face to face meeting. The focus of this meeting will be the annual job skills analysis. She also noted the Friday, November 5 will be the Green IT Summit which will again be a part of the Texas Community College Technology Forum http://www.centerdigitaled.com/conference.php?confid=441

ACTION ITEMS
- College faculty contact Ann Blackman if interested in pursuing a relationship with Phillips Medical Systems and Kurtis Sampson.
- Ann Beheler will contact BAC members regarding externship program.
- Glenn Wintrich and Ann Beheler will seek to fill position of BAC vice chair.

- Glenn Wintrich and Helen Sullivan will get plan for BAC break out groups established.
- Ann Blackman will send out link to web-site Ernie Friend referenced.
- BAC members contact Ann Beheler if they have an interest in being involved in 2011 Working Connections.
- Check out InterLink's Targeted Occupations brochure is: http://www.interlink-ntx.org/pdfs/targetedbrochure.pdf. It features convergence technology as an evolving occupation.
- Save the Date: Thursday, November 4 Annual CTC Business Advisory Council face to face meeting. Focus: Annual job skill analysis