



National Business and Industry Leadership Team (BILT) Meeting for Networking and Convergence Technology

August 8, 2017

Rules of Engagement

- * **Mute your phone** if you're not talking – on WebEx, that's *6.
- * You have to **pick an audio channel** – you can't listen on your phone and also listen through your computer. That creates an echo and you will be muted.
- * **Do not put us on hold** – we prefer to not hear your hold music.
- * Feel free to speak up, but always **say your name** so everyone knows who's speaking.
- * We'll be monitoring the WebEx **“Chat” tool** for questions. Send your chat comments and questions to the Host. Do not send messages to us via e-mail.

AGENDA

Welcome and introductions

Trends

“Tiger Team” KSA update

CTC grant update

Employability Skills discussion

Texas Skills Standards discussion

CCN question: value of teaching legacy OS



Welcome and Introductions



Trends



“Tiger Team” KSA update

“Tiger Team” KSA update

Changes from 2016 KSAs:

- * Emphasis that OSI (K4) is framework for all problem-solving.
- * K8 “Wireless Infrastructure and WLANs” should focus on enterprise wireless not carrier wireless.
- * More details for K9 “Troubleshooting” – students need to know how to understand scope of problem, how to use correct data for decision-making, how to use soft-skills to resolve them.

“Tiger Team” KSA update

Changes from 2016 KSAs:

- * Developing a hybrid cloud solution as a capstone project (K14 “Cloud and Cloud Services”).
- * Thread soft skills through every course.
- * Certifications can help job applicants get past HR gatekeepers.

“Tiger Team” KSA update

Changes from 2016 KSAs:

- * Revamping K5 “Collaboration Technologies” and renaming it “Enterprise Mobility Collaboration”

Emphasizing two sub-categories:

1. Collaboration Technologies – understanding the building blocks
2. Enterprise Mobility – applying the technologies to solve business problems



CTC grant update

CTC grant update

* HI-TEC conference (July 2017, Salt Lake City)

Pre-conference workshop "New, Free, Virtual Labs in IT/Security"

Breakout "Using Business Feedback to Align Curriculum and Stay on the Cutting Edge"

BILT panel (Mercedes Adams, Tu Huynh, Matt Glover – 42 attendees)

Breakout "Take the BAIT: Completing a Bachelor's IT Degree at Your Community College" (David Keathly)

Breakout "Integrating Data Visualization and Communication Tools in the Curriculum" (Rajiv Malkan and Bruce Caraway)

Breakout "Teaching the Internet of Things Just Became Far More Interesting" (Bill Saichek and Brian Nelson – 43 attendees)

CTC grant update

* HI-TEC conference (July 2017, Salt Lake City)

Supported attendance of 19 CCN faculty and administrator members

Matt Glover won “Industry Recognition Award”

2017

High Impact Technology Exchange Conference

Award Luncheon

Wednesday • July 19

Noon–1:00 P.M.

Grand Ballroom BC

Grand America Hotel • Salt Lake City, Utah



*Educating America's
Technical Workforce*



school programs and forged new connections with industry partners. In both states the centers have also produced versions of the program for high school teachers.

Documented outcomes of the student program are impressive: 70% of HTU alumni graduate college with STEM degrees and end up working in STEM careers. Moreover, the college completion rate for High Tech U grads is nearly five times greater than the national norm. The U.S. Department of Education reports that, on average, 59% of students going on to higher education (all fields) complete within six years. The HTU impact survey results show 87% are enrolled in or have completed college. Equally important, HTU students gain the confidence to succeed in high-tech careers. HTU motivates them by showing them the relevance of their classwork through connections to real-world problems and technology. For their latest Impact Report, go to <http://www.semifoundation.org/impact-report/>.

High Tech U is a model innovative program featuring a unique industry partnership that has proven successful. To our knowledge, there is no comparable longer-running program in the United States with such demonstrable results. The program epitomizes a true partnership with industry for student success in high-tech careers.

Industry Recognition Award

Recipient: **Matt Glover**, Le-Vel, Plano, TX



Matt Glover (CTO of Le-Vel) helps the National Convergence Technology Center (CTC) with one purpose in mind: to ensure that graduates nationwide are well-prepared with in-demand workforce skills so that when they graduate they can land high-paying jobs. Glover was recruited to join the CTC's Business and Industry Leadership Team (BILT) via a printed letter hand-addressed with a stamp on it. He says that got his attention! Glover

now co-leads the BILT in steering curriculum for the 60 community colleges and universities of the CTC's network and assisting in any way he can to recruit, mentor, and collaborate—with the goal of graduate readiness.

Glover manages the four quarterly BILT meetings, all of which are designed to keep faculty across the nation up to speed on cutting-edge IT trends and technologies. Three meetings are held via teleconference. The fourth meeting is a longer, more structured process that identifies knowledge, skills, and abilities (KSA) nationally to align IT curriculum. For every meeting, Glover comes well prepared with the latest and most accurate and pertinent research and predictions on the future of the IT industry.

Glover is always eager to work with others to improve student workforce readiness. He persuaded his previous company's (AMX) HR department to adjust its employment requirements to allow two-year degrees for all IT positions. Glover has given keynotes at CTC faculty professional development events. He frequently joins the CTC at conferences to co-present. Last summer, Glover flew from vacation in California to be a part of a presentation (standing room only) at HI-TEC in Pittsburgh on the role of the BILT because he believes the BILT model is too important to limit to IT programs.

Glover is passionate about students, the role community colleges play in workforce education, and how the BILT model helps prepare students and faculty for the future of IT. His tireless efforts have impacted many programs, many faculty members, and many students nationally.

CTC grant update

- * New partners – Lone Star College (Texas) and Sinclair Community College (Ohio)
- * “Diversity Summit” ongoing
- * Three Summer Working Connections completed



Employability Skills discussion



Texas Skills Standards discussion

Question from the CCN

Is there any value in teaching legacy OS (i.e. Novell, Windows 2000/2003/2008)?



Thank you!

Next BILT meeting: Tuesday, Nov 14, 2017
8:30am-10:00am Central

Don't forget the Tricider polls on our BILT LinkedIn page



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