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

February 2, 2021
Rules of Engagement

* **Mute your phone** if you’re not talking – on Zoom, 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 Zoom **“Chat” tool** for questions (it may be closed by default). Send your chat comments and questions to the Host. Do not send messages to us via e-mail.

>>To maximize our time with the BILT, we encourage CCN educators to use the chat box for questions and comments.

* If you’re having trouble calling in via your computer, hang up and try connecting with a phone.
Agenda

Trends
CTC updates
“IT Skill Standards” project update
Blue collar data analytics
Group question
Trends

Discussion format:

* Define the trend
* Discuss the ramifications for educators
* Look at the trend’s timing/adoptions
* Identify the mashups needed to make the trend successful
* Project possible risks
CTC updates

Winter Working Connections (online Dec 14-16)
88 attendees from 57 colleges
23 first-timers (26%)
Four tracks:
* AWS Academy Cloud Foundations
* Connected and Autonomous Vehicle System
* Microsoft Power Platform Tools
* Python for Data Science
CTC updates

Summer Working Connections (online July 12-16)
Launching registration late March

Tracks: Cybersecurity “buffet” CONFIRMED
Azure CONFIRMED
AWS PENDING
IAM security skills PENDING
AI and machine learning
Red Hat
Data analytics
Python
CTC updates

Tools and resources

Nov 2020 “You only have a BILT if” infographic

Dec 2020 revised document/video for Google-linked KSA spreadsheet and survey

Dec 2020 “Avoiding LinkedIn Blunders” webinar – 136 views

Jan 2021 WASTC conference video on BILT model
“ITSkill Standards” update

Posted to the ITSS website
* “Data Analysis & Predictive Modeling” cluster
* “Data Management and Engineering” cluster
* “Technical Support” cluster
* “Infrastructure” cluster
* “Technical Project Management” cluster

Next steps
* Working with faculty to develop SLOs
* Analyzing outcomes from three fall “thought leader” meetings
* Planning SME cluster meetings for “Software Development” February 9, 16, and 18

https://connectedtech.org/itss-2020/
Blue Collar Data Analytics

Aaron Burciaga
VP Analytics and Artificial Intelligence, ECS
Co-founder and Board Member, DataPrime, Inc.
Group question

How do colleges best teach IT ethics – especially related to data ownership? What are the best resources for case studies?

* Classroom conversations about HIPPA, FIRPA, Sarbanes/Oxley
* Use current events as an opportunity to contextualize ethical decision making
* Weekly assignments and topics in each of our classes
* Regarding AI and ML models - the outcomes they produce must be explainable (if AI screens a candidate for a job interview and rejects them, it should produce a report on why it made that particular decision)
* Concept of “data stewardship”
* Focus first on the types of data sets, then look at how to store and handle them
* On the social side, cover legal and ethical issues related to data ownership; on the technical side, discuss extraction, transformation and loading (ETL) and big data
NVC interviews

April 14-15, 2021 annual NVC grant review meeting
* The value of participating in the BILT
* The importance of the BILT model (annual KSA vote, regular trends talks, special topic Tiger Teams)

Late February-early March
Thank you!

Next BILT web meeting
Annual KSA discussion & vote
Tuesday, May 11, 2021
8:30am-11:30am Central via Zoom

CCN, if you missed the opening roll call please send your name/school to us via the Zoom chat box

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