RULES OF ENGAGEMENT

EMPLOYERS
• Mute your phone if you’re not talking.
• Pick a single audio channel – either your phone or your computer.
• Always say your name so everyone knows who’s speaking.

EDUCATORS
• Please use the chat box to send questions and comments.
AGENDA

TODAY’S TOPICS

• Trends
• CTC updates
• IT Skill Standards project update
• May 11 KSA list update
• Industry certification research
• New national center proposal update
• Adjourn at 10:00am Central
TRENDS

- Define the trend
- Discuss the ramifications for educators
- Look at the trend's timing/adoption
- Identify the mashups needed to make the trend successful
- Project possible risks
CTC UPDATE

SUMMER WORKING CONNECTIONS 2021

July 12-16 online
128 attendees (27 first-timers)
Six tracks:
• Azure Fundamentals
• Big Data Analytics & Visualization
• Cyber Buffet
• Intro to Applied AI
• Learning Python w Cyber Examples
• Red Hat System Admin I
CTC UPDATE

SUMMER WORKING CONNECTIONS 2022

July 11-15, 2022
One or two tracks online
Rest of the tracks face-to-face

20th anniversary
CTC UPDATE

CTC at HITEC

Two 30-min video presentations
• Essentials of the BILT model
• Three student “posters”

AI ethics workshop
• 22 attendees (13 action plans)
• Aaron Burciaga keynote
• Data scientist panel

Forbes articles
CTC UPDATE

OTHER NEWS

• Improvement to the creation of the Google KSA voting sheets
• Educator Tiger Team working on developing 5G labs
• Educators working on developing hybrid cloud student project
IT SKILL STANDARDS UPDATE

Six clusters posted to the ITSS website

- “Data Analytics”
- “Data Management & Engineering”
- “Infrastructure”
- “Project Management”
- “Software Development”
- “Technical Support”
Next up will be skills clusters layered across all job clusters

- “Security” – reclassified per NICE meeting

Tentative skills clusters as identified by thought leaders –

- AI
- Machine learning
- Internet of things
- AR and VR
- Robotic automation
Submitted content to Texas State Skill Standards Board and DOL for adoption

https://itskillstandards.org
First training session

“Using Skill Standards to Advance Your College IT Curriculum”
Friday September 17
1pm-2pm Central
FINALIZING THE KSAs

BILT convened May 11, voted on KSAs

Notable changes

• Added “emerging technology” K-knowledge area
• Put back the OSI model K-knowledge area
• Reclassified three S-skills to K-knowledge areas

July 2021: convened BILT Tiger Team to help guide educators on blockchain and cryptocurrency KSAs
FINALIZING THE KSAs

BILT has until **Monday, August 16** to make corrections or adjustments

Next steps

• Post to the CTC’s website
• Share with the CCN community (alongside Google sheet package)
FINALIZING THE KSAs

The BILT also expressed interest in researching industry certifications listed as requirements on job postings.
Per Burning Glass May 2021 – posting in last 12 months
Looking at the top 15 certs overall, sorted by Associates

<table>
<thead>
<tr>
<th>Certifications</th>
<th>Associates job postings</th>
<th>Bachelors job postings</th>
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</thead>
<tbody>
<tr>
<td>CompTIA Security+</td>
<td>2432</td>
<td>15,186</td>
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<tr>
<td>Certified A+ Technician</td>
<td>2370</td>
<td>3,675</td>
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<tr>
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Yellow text = certification appears in CTC’s May 2021 KSA List
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NEW NATIONAL CENTER

UPDATE

- Overview
- Support letter
THANK YOU

Next BILT meeting
Tuesday, November 9, 2021
8:30am-10:00am Central

New IT Center, Frisco Campus – opens Fall 2021

This material is based upon work supported by the National Science Foundation under Grant No. 1700530. Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

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