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

May 8, 2018
Rules of Engagement

**BILT members – phone**
* 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.

**CCN educators – chat box**
* 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:30am</td>
<td>Welcome and introductions</td>
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<tr>
<td>8:45am</td>
<td>CTC grant update</td>
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<tr>
<td>9:00am</td>
<td>KSA/job skills analysis update</td>
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<tr>
<td>10:45am</td>
<td>Break</td>
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<tr>
<td>11:00am</td>
<td>KSA/job skills analysis update</td>
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<tr>
<td>11:45am</td>
<td>Working lunch</td>
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<tr>
<td>12:30pm</td>
<td>KSA/job skills analysis update</td>
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<td>1:50pm</td>
<td>Conclusion and next steps</td>
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<td>2:00pm</td>
<td>Adjourn</td>
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Roll call
Background

• The end of the old, the beginning of the new
• Reporting period now on a calendar year basis
  – Western Michigan Survey requires calendar
  – Annual Report has been grant-year related, but due 90 days prior to the grant year ending
  – Program officer has approved beginning to report on a calendar year basis to simplify partner reporting requirements
  – Period for new renewal grant is 7/1/2017 – 12/31/2017
• New grant clearly builds on the work of the old grant
  – You have the read-ahead for the new grant that also shows the old grant accomplishments
  – Some new accomplishments will be discussed
• Primary focus of this NVC is getting advice and suggestions from you for the next 5 years
GOAL 1

GOAL 1 - Program Improvement

Working Connections

Quarterly BILT meetings
GOAL 1 - Program Improvement
Meet workforce needs by incorporating the Internet of Things, cloud architecture, Software Defined Networks, edge computing and other emerging technologies into curriculum to equip faculty to train students in emerging convergence technologies supporting end-to-end communications via secure mobile networks so that graduates are readily employable upon completion.

Objective A – Effectively engage Business and Industry to lead all curriculum efforts.
• Quarterly BILT meetings and BILT engagement
• Annual KSA job skills validation
• Special KSA meeting for intersection of IT and another industry
GOAL 1 continued

GOAL 1 - Program Improvement
Meet workforce needs by incorporating the Internet of Things, cloud architecture, Software Defined Networks, edge computing and other emerging technologies into curriculum to equip faculty to train students in emerging convergence technologies supporting end-to-end communications via secure mobile networks so that graduates are readily employable upon completion.

Objective B - Invigorate classroom curriculum based on job task analysis.
• Update and disseminate curriculum based on BILT KSAs.
GOAL 1 - Program Improvement
Meet workforce needs by incorporating the Internet of Things, cloud architecture, Software Defined Networks, edge computing and other emerging technologies into curriculum to equip faculty to train students in emerging convergence technologies supporting end-to-end communications via secure mobile networks so that graduates are readily employable upon completion.

Objective C - Invigorate faculty to teach emerging technologies courses through professional development.
• Working Connections events
• Webinars – both national and via regional hubs
• Longitudinal surveys to measure “true impact”
GOAL 1 Accomplishments/Plans

- BILT continues to meet quarterly
  - 3 x via web meeting primarily to provide trends and feedback
    - Met in August and November during reporting period
  - May 8 will be the one face to face meeting per year to update Knowledge, Skills, and Abilities employers want in graduates 1-36 month in the future
    - Dissemination to the 64 colleges shortly thereafter
  - Focus is on new technologies (actually always has been)
  - Curriculum to fill gaps will continue to be developed or acquired through the Convergence College Network colleges
- Special KSA analysis for Biotech and Manufacturing - year 2 and 3
GOAL 1 Accomplishments/Plans continued

• Working Connections Professional Development for Faculty
  – Summer face to face week-long WC occurred in July with approx. 73 faculty (attendance down – we lowered travel support)
  – Winter Online event (2.5 days) – 52 students in 2 tracks
  – Longitudinal surveys continue to show impact
    • 52265 students directly impacted since 2013 (108K since 2008)
    • 3686 sections taught since 2013 (6223 since 2008)
  – Webinars on various topics – both CTC and in hubs
    • Competency based education webinar last week
GOAL 2 – Increase completers

Diversity Summit
GOAL 2 – Increase completers
Increase number of degree/certificate completers ready to meet workforce needs.

Objective A - Develop and implement recruitment and retention strategies for underserved students.
• Second “Diversity Summit” cohort
• Dissemination of “Diversity Summit” best practices
GOAL 2 – Increase completers
Increase number of degree/certificate completers ready to meet workforce needs.

Objective B - Develop student portfolio methodology to determine effect on hiring period post completion.
• Gather research data
• Create webinars to teach process
• Implement portfolio project at select CCN/partner schools
• Track impact of student portfolio implementation
GOAL 2 – Increase completers
Increase number of degree/certificate completers ready to meet workforce needs.

Objective C - Increase number of students who complete certificates and degrees through innovative programs.
• Working Connections events
• University of North Texas’ BAIT
• Stackable certificates
GOAL 2 Accomplishments/Plans

• Diversity Summit
  – 9 colleges, beginning February 2017
    • 3-person teams: faculty, counselor, administrator
    • Initiative to grow recruitment and/or retention of women and/or minorities
    • Monthly “check-in” on status; quarterly cohort meetings
  – College work extended through June 2018
  – Some colleges achieved goals in first semester
  – Plan to start another cohort in year 2, all online

• BAIT online – should help increase completers
• Stackables reasonably pervasive with all our colleges
GOAL 3 – Create regional hubs

The National Convergence Technology Center's
SEVEN REGIONAL HUBS

- Bay Area CC Consortium hub
- Lansing Community College hub
- Sinclair Community College hub
- Georgia Southern University hub
- Collin / El Centro / UNT hub
- Florida State College at Jacksonville hub
- Lone Star College hub
GOAL 3 – Create regional hubs
Capitalizing on the success of the Business and Industry Leadership Team, Convergence College Network, and Working Connections models, invigorate and create new regional-hubs that adopt and adapt convergence programs to increase prepared faculty and employable IT graduates.

Objective A - Partners establish regional BILTs and disseminate new curriculum.
• Establish regional hubs
• Invigorate regional hub BILTs
• Work with regional hubs to apply for project grants
Objective B - Establish a CCN model including high schools, community colleges and universities in regional hub areas.

- Recruit high schools and universities to join CCN via regional hubs
- Conduct regional hub webinars and training sessions
- Promote pathways and articulations

Objective C - Support faculty professional development events, modeled after Working Connections, in regions supported by partners.

- Working Connections-style events and webinars
- Longitudinal surveys to measure “true impact”
GOAL 3 Plans

• Lone Star College will be first hub
  – Planning meetings in February and March, 2018 with strong administrator support
  – Formative first meeting with other colleges and high schools will be May 2

• Other colleges to follow
GOAL 4 – Capacity building and dissemination
GOAL 4 – **Capacity building and dissemination**

**Objective A - Grow the capacity of the CCN to better support 2+2+2 articulation.**
- Deepen work of CCN to show increased completions and broaden training (e.g. BILT and Leadership Academy best practices)
- Add more universities and high schools to the CCN for 2+2+2

**Objective B - Disseminate all Materials and processes through ATE Central and other means.**
- National distribution center (ATE Central, webinars, SM, website)
- Create and publish articles and white papers
GOAL 4 Accomplishments/Plans

- Choices for Additional High Schools, Universities, and Community Colleges must be strategic – taking time to determine which ones to invite
  - New Community Colleges – only to replace “emeritus” ones
  - High schools need to work with the regional hubs, not stand alone
  - Universities also need to work with the regional hubs
Questions?