HI-TEC 2020 Transformed: Day Two Chat Log

This log has been edited

Gina Cutts:	My district just announced on line only this fall. I am at a loss. I can do all safety and theory on line but not sure how to do the hands on WELDING lab remotely...
Mike Lesiecki:	https://www.highimpact-tec.org/hitec2020_trans_sessions.php
Dr. A. Khan:	Please share links for online teaching resources, events, and opportunities at your schools. Thanks.
Genevieve Foote:	The information and websites everyone shared yesterday was amazing. Thanks to all of you fellow participants for sharing your experiences and helping us all delve further into certain topics!
Ann Beheler:	If you'd like to improve engagement with your businesses and industries, please consider the BILT model, originated by The Convergence Technology Center and Dr. Ann Beheler. If you'd like more information go to http://connectedtech.org under Resources and Media to get some preliminary info, and contact Ann at abeheler@collin.edu about how to get free assistance.
Mike Qaissaunee:	Here are some of the resources we've built: Multiple cybersecurity and electronics interactives: https://mirrorlearning.org/emate2/web/ematecybersec.html and https://mirrorlearning.org/emate2/web/ematecybersec_networking.html Work in progress: https://mirrorlearning.org/emate2/web/emate2.html https://mirrorlearning.org/emate2/web/emate2_preview2.html Chemistry: https://www.brookdalecc.edu/stem-institute/chemistry/interactives/ Environmental Science: https://www.brookdalecc.edu/stem-institute/environmental-science/interactives/ Physics: https://www.brookdalecc.edu/stem-institute/physics/interactives/

Jonathan Beck:	Dr Khan, the National Center for Autonomous Technologies has webinars and resources you can view at https://www.ncatech.org/resources
Francis Reyes:	Hi Everybody: I am a Francis Reyes and I teach Electronics Technology at Chabot College in Hayward CA. I would really appreciate if somebody can share some resources that you have successfully used to teach soldering and circuit building online. Please feel free to contact me directly at freyes@chabotcollege.edu. Thanks in advance.
Mike Qaissaunee:	@Francis Reyes John Sands has done some great thing with TinkerCAD Circuits
Angel Fonseca:	One of my sons is seeking a mechanical engineering job through LInkedIn after graduating in May (shameless plug!!!) Any leads:) :)
Angel Fonseca:	LinkedIn and ALL WEB PRESENCES represent us....:) employers search and look!
JB Groves III:	How do you determine who to let in to your LinkedIn? I have people I do not know...wanting in to know me...
Rachael Bower:	If you're interested in following folks from the NSF funded Advanced Technological Education (ATE) community - check out the ATE social media directory: https://atecentral.net/socialdirectory
Ann Beheler:	All - my LinkedIn profile is what it is as a result of Richard's help. I have soooo much more to learn. I really believe that we need to tap this platform to help us and our students.
Karen Birch:	I need to go back to my linkedin — so much to learn
Pam Silvers:	Question - Should the About be written First Person or Third Person
Lorri:	Pam-it should be first person-you, talking to your viewer :)
Gina Cutts:	Are today's young students using the Linkdin platform? Do we have data to support the claim?
Mary Slowinski:	I also have students create and refine their LinkedIn profiles and posts.
Robin Hayes:	Have any of you been successful using LinkedIn as a recruitment tool for your programs?
Angel Fonseca:	Richard - is there a resource that explains he algorithm you are talking about? I'd love to be able to share it with students.
Pushpa Ramakrishna:	Is there a word limit to the size of the posts?

C. Lee Carlson:	What's the logic in giving points for shares if they don't actually let shares be seen by your connections?
Tracie Clifford:	I am so doing this in every class this spring!
Angel Fonseca:	Me too!
Tracie Clifford:	and fall!
TJ Bonzon:	middle school age appropriate?
Anita Wright:	yes - fascinating!
TJ Bonzon:	or mainly for high school & college?
Angel Fonseca:	How are the profiles affected who are TAGGED inside the text?
Kendrick Hang:	Minimum age to sign up for LinkedIn is 16
TJ Bonzon:	@Kendrick Thanks for age minimum
Richard Roberts:	As a prior Director of Career Services this is absolutely outstanding tool to assist students complete a "Career" search versus just looking for a "job"!
Lorri:	If the person responds to the tag-that will increase the boost. To avoid people tagging others in their post as a 'spam' kind of activity. But if you tag someone and they respond with an engagement, it shows Linkedin your post is a conversation starter
Lorri:	https://www.linkedin.com/sales/ssi
Kendrick Hang:	I also have a conversation with my students about how LinkedIn (as a company, now part of Microsoft) uses us and our data. It's not necessarily bad, so long as we are aware they get something out of us while we try to get something out of the platform.
Anita Wright:	Q. Don't they sell your info? I have been personality profiled by data from LI
Jill Zande:	Richard, can you comment on connection requests. Earlier someone said that they only accept invitations from those people they know or someone introduced them to. What's the best practice?
Anita Wright:	Q. Is it worth paying for "premium"?
Sam Samanta:	https://www.linkedin.com/posts/sam-samanta-27b71618_earnwhileyoulearn-activity-6691812175297708032-Qr4P
Lorri:	https://www.linkedin.com/in/andyfoote/
Lorri:	Ladders is a site for job search. I've heard people have some good results using ladders. The thing with Linkedin is that if you do a google

	search on someone, LinkedIn will show up most of the time, rather than Ladders. So there are pros and cons to weigh
Mike Lesiecki:	Attendees, we are providing a webinar next week, August 6 at 1 PM eastern, to have Laura Chappell go behind the scenes into the Engagez platform she used for her CORE-IT virtual conference. Register here, https://zoom.us/webinar/register/WN_vMA9703zST-FByGvDaLojg
Eges Egedigwe:	I use LinkedIn more as a professional social network and Snapchat as a social and messaging app.
Anita Wright:	Q. We are just starting a "Data Science" program at our CC - what do you recommend as the critical job skills we try to focus on (particularly in the capstone course)?
Elodie Billionniere:	The shift is also seeing industry creating their own education career pathways such as Google where they are providing a six-month coursework as a substitute to a 4-year degree. This is disruption.
Aaron Burciaga :	@Andrew Bell, re "QUESTION: Q. We are just starting a "Data Science" program at our CC - what do you recommend as the critical job skills we try to focus on (particularly in the capstone course)?" A, IMHO: Teachers must be taught and trained and practiced to be more inclusive... but teachers are constrained by the system and system of systems they operate in.
Aaron Burciaga :	@Anita Wright: re "QUESTION: Q. We are just starting a "Data Science" program at our CC - what do you recommend as the critical job skills we try to focus on (particularly in the capstone course)?" A, IMHO: For CCs, best to focus on Data Engineering, Data Automation, Data Visualization, Data Analysis... these are the "starters" and "enablers" to more advanced KSAs
Ronnie Brannon:	Looking for Community Colleges that have Logistics and Supply Chain Program. Also those that are in the supply chain industry. Ronnie Brannon Palo Alto College rbrannon@alamo.edu. https://www.alamo.edu/pac/academics/search-programs/professional-and-technical/logistics/

Marcella Gale:	Supervisory control and data acquisition (SCADA)
Aaron Burciaga :	… and THAT is where the CCs come in and with all this so part and parcel to every industry across every day in our lives, the discipline and frameworks for our BLUE_COLLAR_AI is a need to know.
Andrew Bell:	We are also losing data due the nature of the beast. Look at how many broken website that exist today, i.e. when a faculty member retires or leaves their faculty webpage is eliminated ...
Anita Wright:	QUESTION are the 'frameworks' proprietary?
Linnea Fletcher:	Can we say that this change to predictive analytics is true across the board --or is it industry specific
Aaron Burciaga :	QUESTION are the 'frameworks' proprietary? A: NO
Linnea Fletcher:	Predictive analytics is definitely becoming important in health science -- and biotech --I was just wondering if all sectors have moved to this
Anita Wright:	!!! Should every student take a INtro to Business (or Intro to Mgt) course? To help them understand the big picture "Business Process"?
Aaron Burciaga :	@Linnea... yes, nearly all are moving towards predictive and prescriptive forms of analytics. Some are slower than others, but even the laggards are finding religion.
Linnea Fletcher:	good question Anita --we have to build this into our biotech program
Linnea Fletcher:	To make students more marketable --we educate our students in business and emerging trends and also to do their own predictive analytics --makes a difference in the interview
Linnea Fletcher:	even if they are interviewing for a technician job
Aaron Burciaga :	@Anita - developing logic is essential and I prefer our logic to stand atop our own code... makes for a far more thoughtful model. What I have seen is little regard for logic or coding, instead, shopping at whatever repository is available
Linnea Fletcher:	The problem Anita for us in Texas --is we cannot add anymore courses so we had to embed it in the program --not easy --so we embed industry projects in the program
Anita Wright:	QUESTION: Like software size (scaling up) is so different from semester programs. Is this an issue too with managing "small data sets" that are

	more objvious/focused to teach fundamental D.S. skills compared to the 'messier' real world/size of data sets?
Linnea Fletcher:	For example, in the second biotech course, we have students design and implement a product for an educational partner ---this is part of the supply chain model that was started at Salt Lake CC in biotech --I think several ATE centers push this as well as community colleges in a variety of programs --it would be interesting to collect the info across community colleges
JB Groves III:	Soft skills...https://www.necessaryskillsnow.org/
Pam Silvers:	QUESTION: When looking at students coming out of training programs and trying to find employment, what, if any, impact does virtual lab training for traditionally hands-on skills have on employability?
Richard Grotegut:	The more opportunities that we, and industry, provide students to develop those skills the better.
Richard Grotegut:	Easier to interleave.
Patricia Alfing:	@pam @genevieve I would think that would depend on how long they've had to do the virtual training and did they have enough hands-on to accomplish what you want them to know
Linnea Fletcher:	And they learn about companies in the area by doing projects for them in their courses --and yes, don't wait for the internship --
Russ Read:	do most instructors have a good handle on the industry knowledge.
JB Groves III:	Kanban/Trello class project management...
Aaron Burciaga :	Awesome, @suranjan... let Matthew know I gave his program a shout out
Anita Wright:	Thanks - we will look for those (and start with the college's data!)
Marcella Gale:	Faculty Members - walk the floor of every relevant business in your service area!
JB Groves III:	And you can port the data silos via JSON in a ML file...
Linnea Fletcher:	--Another idea: What we want to do is export industry projects to biotech programs who do not have industry in their area--for example, Del Mar College in Corpus Christi doesn't have our industry so we helped with industry in our area Austin --provide a project for them --and then one of their senior scientists ended up on their advisory board --what if we could do this across the nation? or is that too crazy

Pam Silvers:	Return to Industry and faculty updating skills - sounds like a possible NSF ATE grant
Patricia Alfing:	@pam that's part of what Russ Read does with his grants
Barbara Murray:	You've spoken about a fabulous workforce solution in which a student is learning and gaining industry credentials; however they need employment and real life mentoring at work and pay... this describes a quality Apprenticeship program
Hope Cotner:	Boiler up!
Aaron Burciaga :	Re Data Science certifications, check out certifiedanalytics.org
Angel Fonseca:	Many internships were cancelled this year with COVID interrupting many businesses, how do you think that will impact the SENIORS this year who don't have internship experience on their resumes
Aaron Burciaga :	there is a full and associate cer avail
Barbara Murray:	as a previous ATE PI, and Now, working with a new DOL $6M grant which includes CyberSecurity and other IT occupations. I'd love to help
Linnea Fletcher:	Connie--that is why want to export industry projects to schools who don't have that ability to get them --
Linnea Fletcher:	wow what a great session!
HITEC:	https://www.highimpact-tec.org/hitec2020_trans_sessions.php
Ann Beheler:	Employer panelists, could you put your email address in the chat?
Scot McLemore:	scot_mclemore@hna.honda.com
James Auld:	James.Auld@FPL.com
Janis Thompson:	Grant writers usually cannot attend HITEC so I greatly appreciated participating in the training event. I hope that I can meet with Anne Beheler in Frisco someday soon to seek out her expertise.. She is only 40 minutes down the road.
Linnea Fletcher:	Check out the vaccine info at Biotech Innovation Organization! you can see who is in Phase III
Rich Hill:	Check out the low cost thermal evaporator presentation