



## **College of Technology – Site Coordinators Meeting**

Date: Friday, May 15, 2020

Virtual Meeting

### **ATTENDEES**

#### **CT State Colleges & Universities**

Karen Wosczyzna-Birch, Executive Director, College of Technology – Regional Center for Next Generation Manufacturing  
Wendy Robicheau, Project Manager, College of Technology – Regional Center for Next Generation Manufacturing  
Sue Spencer, Program Coordinator, Gateway CC  
Stephen LaPointe, Director, Advanced Manufacturing Technology Center, Quinebaug Valley CC  
Eric Flynn, Department Chair – Engineering & Applied Technologies, Gateway CC  
Mary Bidwell, Dean of Advanced Manufacturing, Asnuntuck & Tunxis Community Colleges  
Felisha G. Fleurimond, Recruitment/Retention Coordinator, Housatonic CC  
Adam Scobie, Instructor, Housatonic CC  
Joe DeFeo, Director, Naugatuck Valley CC  
Lin Lin, Program Coordinator, Middlesex CC  
Jakob Spjut, Program Coordinator, Quinebaug Valley CC  
Mobin Rastgar Agah, Professor, Norwalk CC  
Sharon Gusky, Professor, Northwestern CT CC  
Crystal Wiggins, STEM DC, Northwestern CT CC  
Mehrdad Faezi, Professor, Manchester CC  
Michael Gentry, Program Coordinator, Three Rivers CC  
Mark Vesligaj, Professor, Three Rivers CC  
Andre Freeman, Professor, Capital CC  
Deirdre D'Amore, STEM Recruitment & Retention, Naugatuck Valley CC  
Mathew Spinelli, STEAM Director, Tunxis CC  
Asheka Rahman, Program Coordinator, Tunxis CC  
Stella Litwinowicz, Assistant Professor, Housatonic CC  
Tracy Ariel, Director, Manufacturing, Manchester & Middlesex Community Colleges  
Matthew Enjalran, Professor & Chair, Physics, Southern CT State University  
Segun Odesina, Associate Dean, Central CT State University  
Shuju Wu, Professor & Chair of Department, Computer Electronics & Graphics Technology, Central CT State University  
Lesley Mara, Director of Strategic Partnerships, CT State Colleges & Universities  
Jemiel Rose, Project Director, CT State Colleges & Universities  
Kelli Vallieres, President, Sound Mfg and Consultant, CT State Colleges & Universities

#### **Other College & Universities**

Harvey Hoffman, Associate Dean, School of Engineering, Fairfield University  
Nancy Savage, Associate Dean, Tagliatela College of Engineering, University of New Haven

#### **High Schools**

Cristina Stisser, Manufacturing Cluster, CT Technical Education & Career System

### **MINUTES**

**Welcome** – Dr. Karen Wosczyzna- Birch, Executive Director, College of Technology-Regional Center for Next Generation Manufacturing (COT-RCNGM)

- We appreciate everyone taking time out of their busy schedules to attend this meeting.

## COT Curriculum Discussion

- Curriculum Committee Report Out
  - Three Rivers Community College – Technology Studies: Data Science Option A.S. Degree Replication
    - Mark Vesligaj of Three Rivers CC reported that the department will make the changes to their replication proposal that were requested by the COT Curriculum Committee. These were to 1) remove the CSC 108 pre-rec requirement for that course and 2) change the three technology electives to three credit classes (instead of 3 or 4 credits each). This will drop total degree credits down to 68. Mark will forward the paperwork.
    - Sharon Gusky of Northwestern CT CC noted that the parent Data Science program would have to be approved to offer DTS 201 or DTS 202. This will also have to be updated in Banner at each college offering the program to allow the transfer of either course into the program.
    - Motion to approve offering DTS 201 or DTS 202 under the Technology Studies: Data Science Option – A.S. Degree to fulfill the degree by Sharon Gusky, Northwestern CT Community College; Motion seconded by: Mehrdad Faezi, Manchester Community College. The motion was unanimously approved with no objections and no abstentions. The program replication was approved.
    - Motion to approve the replication of the Technology Studies: Data Science Option – A.S. Degree at Three Rivers Community College conditionally upon receiving the updated paperwork with appropriate changes by Mark Vesligaj, Three Rivers Community College; Motion seconded by: Mehrdad Faezi, Manchester Community College. The motion was unanimously approved with no objections and no abstentions. The program replication was approved pending the aforementioned conditions.
  - Mehrdad Faezi reported that Manchester CC's Machine Technology Program Modification was pulled for further collaboration with other manufacturing programs. He requested that deans be made aware that the COT will approve programs without institutional curriculum committee approvals. Karen and Wendy will generate a letter explaining the process and bring it to the Provost and new Community College administration for signatures as well. Lesley Mara suggested making sure David Levinson and Michael Rooke are involved. It was also suggested to post this procedure on the website.
- CCSU Electrical Engineering Program Discussion – Dr. Shuju Wu, Professor & Chair of Department, Computer Electronics & Graphics Technology, Central CT State University (CCSU)
  - After about a year, the program was fully approved by the Board of Regents. The website is up for the program and the handouts are ready. Some unique features of the program are that the cost for students is lower than other local universities; it is an undergraduate program with the possibility of going on to a Master's degree at other universities; it has good facilities and faculty; and it will be in the new engineering building. The program will focus on more than a traditional electrical engineering program and include energy and renewable energy elements.
  - CCSU is eager to collaborate within the COT.
  - Segun Odesina of Central CT State University wants to align the new program with the Engineering Science A.S. degree like was done with CCSU's Civil and Mechanical Engineering programs.
- University of New Haven Transfer Updates – Dr. Nancy Savage, Associate Dean, Tagliatela College of Engineering, University of New Haven (UNH)
  - After reviewing individual course offerings at the community colleges within the Engineering Science programs, it looks like some community colleges will have an easier time transferring students into UNH. Chemical Engineering may be the most difficult program to transfer in to.
  - Lin Lin of Middlesex Community College noted that there is an Intro to C Programming course required at UNH and asked if other programming language courses can be accepted. Nancy responded that Java may be accepted in some programs.
  - Andre Freeman of Capital Community College asked if community college transfer students will be able to complete the B.S. degree in another two years. Nancy responded that it should be possible but there may be instances where a student needs a little more time.

- UNH would like to see a syllabus for CET116 at the community colleges or see if there are other options that would be helpful. Eric Flynn of Gateway Community College explained that CET116 is Microsoft Office for beginners with applications in engineering.
- The Industrial Engineering B.S. Degree is being updated to have two tracks.
- Jakob Spjut of Quinebaug Valley Community College noted that under the Engineering Science A.S. degree the requirement is either General Chemistry II or Thermodynamics.
- Ashenka Rahman of Tunxis Community College noted that Tunxis CC has a Python course. Nancy will ask if that can apply to any courses.
- Nancy will send the EASC112 Methods of Engineering Analysis syllabus.
- Jakob Spjut noted that the University of Connecticut's transfer equivalency site may be helpful to see what they accept for community college courses.
- Karen Wosczyzna-Birch noted that it is important that students are encouraged to complete the A.S. degrees under COT so they are guaranteed that courses transfer per the COT agreements.
- Community college EGR Prerequisites will be collected and organized by Wendy Robicheau so we can make sure all colleges are using the same guidelines.

**College of Technology – Regional Center for Next Generation Manufacturing - Dr. Karen Wosczyzna Birch, Executive Director, COT-RCNGM**

- 180 Skills – Dr. Kelli Vallieres, President / CEO, Sound Mfg, Inc. and Vice Chair, Governor's Workforce Council, and Consultant, CSU
  - Thanked everyone for their input on what modules should be completed to make up badges. Five badges have been established. The COT will determine the credit that will be given for the badges. We want to offer those in the unemployed group who complete badges the opportunity to go into a credit or non-credit program at the community colleges. This will also help signal that this is a credentialed program.
  - Everyone who is unemployed in CT will receive a link to a landing page with a brief survey to connect them to the appropriate badges and links with information needed to continue to the community colleges.
  - There will be three instructor training webinars next week on how to use 180 Skills. Let Mary Bidwell know if you would like to register:
    - Monday, May 18<sup>th</sup> – 3:00pm-5:00pm
    - Tuesday, May 19<sup>th</sup> – 10:00am-12:00pm
    - Tuesday, May 19<sup>th</sup> – 3:00pm-5:00pm
  - A request will be made for how many seats each college needs. We pay for the number of user IDs we request, not how many are actually used so make sure the students will actually use them. This is a no-cost opportunity to get 180 Skills, use it, and evaluate it.
  - Students will complete a module on how to use 180 Skills. There is 24/7 technical support and course instructors are not responsible for technical support.
  - The next step is contacting Todd Berch at the CT DOL to see what can be used from this as related-instruction for apprenticeships.
  - Mary Bidwell of Asnuntuck and Tunxis Community Colleges noted that this is focused on the community college manufacturing programs at the moment.
  - The course content is focused on manufacturing.
- Community College Manufacturing Program Data Collection
  - Thanked everyone for participation on Friday's call.
  - Worked with Qing Mack and Jan Kiene to get databases together with enrollment and completion data from Banner and DOL. This is the first slice of the data collection. Enrollments average 2,200 and completions average 700 across the state. Now we need to come up with questions of what we want to look at in data and go college-by-college to find explanations and build quantitative data.
  - Mary Bidwell will send out the credit data. She will also send Kelli the no-credit data from all of the colleges.
  - Kelli will work with Qing and Gennaro to put the data into a full report.

- Kelli is contracted by CSCU to create a plan for the community college manufacturing programs. This is a collaborative process so everyone will have input.
- Cristina Stisser of the CT Career and Technical Education System asked where her system will fall into this reporting. Kelli will contact her to see how they can work together.
- CLICKs projects are still going on this semester, but some were put on hold. Any travel has been postponed including the National Science Foundation funded trip to France. Sharon Gusky noted that her trips to France, Germany, and Spain are also being postponed. The State Department has advised no international travel until after January 1, 2021.
- The Epsilon Pi Tau Virtual Induction went live on May 1<sup>st</sup>. Eighty-four students from the community colleges were inducted this year.
- Colleges involved in the CT Apprenticeship Program for Robotics & Automation (CAPRA) are in the process of placing students in apprenticeships at manufacturing companies. There is funding left for faculty training. Send Karen Wosczyzna-Birch any ideas for using the funds. There are online trainings available.
- The CSCU COT webpage draft was sent out for review. Send any suggestions to Wendy Robicheau. There is a new list of all disciplines that has a transfer agreement that will link to COT or TAP pages. The COT was also added to the UConn transfer page.
- The HI TEC Conference will be held virtually this year on July 29-30. Registration will be free.
- COT Meeting dates for next year will be coming out. Let Wendy Robicheau know if you would like to host a meeting.
- Sharon Gusky noted that the CT Center for Teaching distributed a survey. She will send responses that involve the COT.

#### Important Dates

HI TEC – July 29-30 - Virtual