

## MINUTES

### **Welcome Remarks - Dr. Christine Broadbridge, Dean of Graduate Studies, Research, and Innovation, Southern CT State University (SCSU)**

- Everyone needs to work together so the value of higher education can be understood. The College of Technology (COT) does this.
- SCSU has a new provost and is hiring a new position for partnerships and outreach.
- Currently building biotech programs, which is big in New Haven. BioPath has been fully approved and there is also the Center for Nanotechnology that is for use by the whole CT State Colleges and Universities (CSCU) System.

### **Updates on SCSU's Physics Department - Dr. Matthew Enjalran, Physics, SCSU**

- Visiting all community colleges to talk to students about the engineering option at SCSU.
- Working on a 4+1 B.S. + M.S. program in Applied Physics and will work on how community college students can transfer into this program.
- Linear algebra is not required, but it is recommended.
- The CSCU – Center for Nanotechnology (CNT) wants to build even more collaborations.
- Physics graduates get engineering jobs in the private sector or go on to graduate degrees in engineering. Materials science is blurred with this.

### **New Bio-Path program - Dr. Nicholas Edgington, Biology, SCSU**

- The department just started a B.S. in biotechnology.
- Part of several national pedagogical programs for research-embedded programs and will be applying for accreditation through ASBMB.
- It also has a chemistry minor built in.
- An internship is required at a biotech company. If they already have a paid internship they can take another elective.

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

- The COT is the first program being reviewed for the consolidation.
- Epsilon Pi Tau – email honorary names; student nominations by March 23, 2018
- Siemens is looking to schedule an NX CAM professional development workshop and an Education Day to show academic uses. They will be visiting Housatonic Community College next week to discuss software installation. High schools can participate also. The grant the CSCU System received provides the software free for one year per college with an annual fee of \$2700 per institution each year after.
- The COT program replication process was fully approved. The official process will be distributed.
- The COT is a partner on the PICSA grant for education partnerships with France. It involves team teaching with faculty from France using smart technologies. Currently recruiting interested faculty for fall semester. It is only a module, not the full semester. Will include a trip with students to France to connect with

partners at the end of May. COT students also attended an engineering bootcamp sponsored by the French Embassy and more students have applied this year.

- Next Tuesday, the Advanced Robotics Institute – CT Apprenticeship Program for Robotics and Automation (ARM-CAPRA) will be holding a workshop at ABB Robotics for industry to identify skills that need to be included in curriculum.
- Program Modification for Review – Quinebaug Valley CC – Manufacturing Machine Technology – Motion to approve: Mark Vesligaj, Three Rivers CC; Seconded by Peter Angelatro, Naugatuck Valley CC; Motion was unanimously approved and can be forwarded for full approval.
- There was also a motion for COT support of MFG 124, Blueprint Reading, to be offered as 2 or 3 credits by Jakob Spujt, Quinebaug Valley Community College; seconded by Mobin Rastgar Agah; Motion was unanimously approved.
- COT Engineering Technology Pathway – Should this be made an official degree? Standalone programs have to meet credit normalization, which is causing loss of math courses. A meeting of Site Coordinators with these programs should be held to discuss how to create this pathway for them also under COT.
- Other topics for future discussion are to have COT marketing done through the CSCU System Office so there are common materials.

### **Tours of Physics, Biology, and Chemistry labs**

#### **Upcoming COT Meetings**

March 23, 2018 – Central CT State University

May 4, 2018 – Manchester Community College, MET<sup>2</sup> Student Presentations

#### **Important Dates**

March 1, 2018 – UConn REU Student Applications Due

April 20, 2018 – Necessary Skills Now Workshop by CORD – Tunxis Community College

April 30-May 2, 2018 – [SME Smart Manufacturing Experience](#) – Boston, MA

May 4, 2018 – Epsilon Pi Tau Induction Ceremony – Manchester Community College

May 21-August 2, 2018 – [Various CNC Multi-Axis Educator Workshops](#) – Central Maine Community College

June 18-22, 2018 – [STEM Guitar Summer Institute](#) – Fairfield University (applications due 3/1)

November 2, 2018 – [New England Regional HTEC \(Haas\) Conference](#) – Nashua Community College, Nashua, NH