

Program Viability Committee Summary

October 13, 2022, 10:00 a.m. to 11:30 a.m. – Zoom

Members present: Garrett Rieck (Noncredit Faculty), Tricia George (Curriculum Committee Chair), Jason Burgdorfer (MSHP-MSE), Jesse Vera (Adjunct Counselor & AMSA Faculty Co-Advisor), *Jesse Vera proxy for Julie Hovden (Counseling), Jeff Gregor substitute for Dr. Omar Torres (CIO), Jennifer Paris (SBS), Jason Burgdorfer proxy for Dr. Rebecca Eikey (MSHP-MSE), Erik Polanco (ASG, Student Trustee)*

Guests: Marilyn Jimenez (Academic Senate Administrative Assistant), Harriet Happel (Dean of Career Ed and Integrative Learning, CTE), Jeff Gregor (Associate VP, Instruction), Nadia Cotti, (Dean of Applied Tech), Tim Baber (Welding)

I. Routine Matters

1. Call to order: 10:03 am
2. Approval of 9/29/22 meeting minutes:
 - a) Motion to approve the agenda by Jesse Vera, seconded by Tricia George. *Jesse proxy for Julie Hovden, (yes), Jason Burgdorfer proxy for Rebecca Eikey (yes), Jeff Gregor substitute for Dr. Omar Torres (yes), Erik Polanco abstained. Approved.*
3. Approval of the Agenda:
 - a) Motion to approve the agenda by Jennifer Paris, seconded by Jason Burgdorfer. *Jesse proxy for Julie Hovden, (yes), Jason Burgdorfer proxy for Rebecca Eikey (yes), Jeff Gregor substitute for Dr. Omar Torres (yes). Unanimous. Approved.*

II. Discussion

1. [Program Initiation: Supply Chain Logistics Technician 4.0](#) – Tim Baber and Harriet Happel
 - a) **Overview:** This is a new program and is a 4.0 standard for industry. MSSE stands for Manufacturing Skills Standard. This new program focusses on equipment and is a national lead program that prepares students for industry. This includes stackable certification for employees.
 - b) **Industry Demand:** There is already industry demand with Walmart, Target, Amazon, Leif labs and DrinkPac. Tim Baber sits on the National Center in Supply Chain Logistics and emphasized that this area is significant.
 - c) **CLT 4.0 Program:** This is a stackable credential and will be using existing curriculum that can be offered in credit and non-credit. Foundation credits will be in the area world of logistics, 4.0 technologies, safety material and quality control principles. This gives students a foundation in core skills to go into the next course. These are not pre-requisites for a foundation class. The idea is to bring in high school students and older adult students who want a career change. This is the foundational skills at a higher level using the MSSE. This goes into product receiving, storage, processing ,transportation roles and is wide spread. These includes a certificate in MSSE upon completion and employers can train.
 - d) **Employment Pipeline Demand:** There is a wide spread of career opportunities such as front-line supervisor, conveyor operators, freight, stock and material movers and machine feeders, packers and packagers etc. Industry needs to partner with CCC's to hire students. Industry will hire students with the certification. For example, Target, within a year will see if it's a good for the student and if it is will then offer tuition reimbursement to help them prepare

for manufacturing or management. These wages are entry level and this does not reflect the potential for social and economic mobility.

- e) **Labor of Bureau of Statistics:** there were 24,500 employees as of 2018. There is a 30% projected growth in the US. This can prepare students for a great opportunity in SCV to go beyond and there are transferrable skills.
- f) **New Curriculum Courses:** On question #14 of the Program Initiation form there are 2 new courses being proposed and the rest will be filled with existing courses. MSSE does pre-package curriculum. This is similar to other courses in advanced manufacturing. Once instructors become certified they make it their own and this represents the academic freedom as well as the overall goals and mission. This would have the COC stamp on it. This is not about the skills learning but the workforce readiness in areas in communication and team work. The certification represents that the student is ready for work in social and technical skills. There is Study 101 in the catalog, there are some counseling courses that can be used.
- g) **Software and Equipment Needed:** There is no additional software or equipment needed.
- h) **Human Resources:** A job announcement is closing this month to hire one new FTF. They are also requesting one other FTF. The hope is to have 1 FTF and one PT. The goal is to have faculty certified to teach these classes. SWF can help with having faculty certified, help with their professional development and will work with companies that need these employees. The idea is to also have some of their industry employees become adjunct faculty. This fits into the mission of the dept as it is embracing the 4.0 principles. The Manufacturing event last week demonstrated that this industry is here to stay and that this is the future of the work.
- i) **Faculty Certification:** COC is leading edge with having faculty certified. MSSE goes through initial introduction and faculty go at their own pace with the learning management system. The faculty will get the same training that the students are getting.
- j) **Is there a reason cannot be offered via Econ Dev in ETI.** The main reason for not offering this program through ETI is cost. ETI is for incumbent employees and not for entry level. The idea is to have courses mirror in credit and non-credit. For students who want to work at Target they need to do credit program. This will help them get tuition reimbursement to get an AA in the future. Credit for prior learning can also be applied.
- k) **Concerns with Amazon:** In amazon the turnover rate is high. If students are going to be employed there and don't like the working conditions and they have paid for these classes, what happens then? Students cannot get a logistic job without these courses. These courses are to prepare student to be technician and not a warehouse worker. The students are going at a different level. They are doing the analysis of the internet of things and have a higher skill level. When amazon does a higher they do a complete skill analysis of what is being done at the job. This is how they do the assessment to what position they place you in. It is important to train students at a livable wage.
- l) **Course Units:** Going through the non-credit will still lead to certification if a student later wants the units they can do CPL. For many students' non-credit courses is the only achievable way. The state has been encouraging CCC's to

mirror courses to connect with those who are economically disadvantaged for social and economic mobility. This program is a low unit cert program. This is not a ramp for people who have never worked in this environment. The idea is to move into the internet of things with robotics as students will now have the advantage. Student will now have the logistics skills and can move to manufacturing or CNC manufacturing. The goal is to align with internet 4.0 and automation. This is a complete industrial maintenance focus with the opening of the ATC and with this certification the students can follow. A student may decide to go with supply chain management and computer networking in terms of data analysis and will be exposed to Python and take the technician expertise and concentrate on the IT area.

- m) **What are faculty MQ's needed:** Faculty will need an AA and this does not have to be in manufacturing. Will also need 6 years of experience or a BA degree.
- n) **Automation at the LA port with union issues:** Some of these jobs may be automated. COC is staying on top of automation. This is a positive as there is a miss understanding that this displaces people. Automatics creates opportunities for more human centered work as it still takes the analysis of the human to see what is happening on the line. A robot can only response to the programing to make things more efficient. The emphasis is on work skills for the future of work. With the internet of things, it is humans behind all the program. At the ATC there will be the machine tending with all the labs as creativity cannot be automated. These programs being brought forward are very human centered jobs and not subjecting students to dehumanizing work. This is why industry partnership is important. The importance of requiring of hiring education. It is important that people are not doing repetitive motions. Consider the ergonomics and the impact on human workers.
- o) **ASG student rep feedback:** ASG feels this may be beneficial for low income individuals and migrant workers as this gets them in the workforce without the high cost of education and helps to bump them up in place.
- p) **Non-Credit Curriculum Committee:** There is now a curriculum committee and non-credit curriculum committee. If there is a new program and the the idea is to do mirror from the beginning the courses will go to the Curriculum Committee and then go on as a consent item on the Non-Credit Curriculum agenda.
- q) Motion to approve the program by Jesse Vera, seconded by Jeff Gregor. *Jesse proxy for Julie Hovden, (yes), Jason Burgdorfer proxy for Rebecca Eikey (yes), Jeff Gregor substitute for Dr. Omar Torre (yes).* Unanimous. Approved.

Note: There are meetings taking place with Garrett Rieck and David Andrus, Academic Senate President to review both the AP and BP for PV. Need to make sure PV exists in collaboration different area such as ASC and PR. Question that will be address will be, when does a Program Review shell get created? This question may end up being added to the initiation form for Program Review. Discussion will also continue regarding the process for developing new programs.

III. Adjournment: 10:50 am