

Faculty Senate Standing Committee on Extended Learning

November 18, 2020 at 3:15 pm – 5:00 pm, Via Zoom

Minutes

Committee members present: *Stephen Duarte, Gary Katz, Stephanie Kim, Li Liu, Pouyan Eslami, Bingbing Li, Monica Garcia, Joyce Feucht-Haviar, Elizabeth Blakey*

Committee members absent: *Ivan Guillory and Yi Ding*

Guests: *Karen Pak, Jimmy Gandhi, Linda Moody, Me'Laine Pemberton Hanna*

Call to Order

Stephanie Kim, Fall 2020 Committee Chair, called the meeting to order at 3:19 pm. The meeting took place via Zoom. Welcome and introduction by the Chair.

New Business

Review and Approval of October 2020 Minutes

Stephanie Kim

October Minutes - No corrections. Motion to approve by Gary Katz. Second by Bingbing Li. Minutes have been approved.

There were a few small typos – Pemberton Hanna will review the Minutes and correct the typos. Minutes have been approved with the correction of the typos.

Smart Manufacturing Certificate of Advanced Professional Development Program Proposal

Jimmy Gandhi and Bingbing Li gave a presentation to the Committee using the New Program Proposal Request Form, Non-Credit.

- I. The Chair asked Joyce Feucht-Haviar to give the Committee a brief description of the Program Proposal process.
- II. Bingbing Li shared his screen
 - A. Project Overview using a slide show
 1. Key accomplishments per the Operator, Technician, Engineer and Manager levels
 2. 5 sequential courses, 4.5 hours per week, 36 contact hours per course.
 - a) First 2 courses offered in Fall 2021. One course in first 8 weeks, second course in the second 8 weeks
 - b) Assignment and projects for each course.
 - c) Third and fourth course in the Spring Semester 2022
 - d) Final Pilot Project for the first 4 weeks in the summer

(1) Final project and presentation

- III. Jimmy Gandhi gave the Committee the history of the development of this program.
- A. There is a challenge to scaling the availability of talent in Digital Manufacturing
 - B. Not a lot of programs focused on Smart Manufacturing
 - C. CESME will help Tseng College to market and promote to their members and website
 - D. First four classes: 36 contact hours each and final project: 18 hours for a total of 116 hours or 16.2 CEUs
 - E. Length: two semesters with about a month in the summer
 - F. Offered yearly, starting in the fall, fully online, 2.5-hour weekly meetings, synchronous
- IV. Chair Stephanie Kim asked why the program is being offered as a non-credit program
- A. Gandhi answered the question. - Primarily the timeframe, then keeping costs affordable

Feedback and discussion from the Committee:

Joyce Feucht-Haviar gave the Committee more insight and clarification to the process.

Chair Stephanie Kim gave suggestions to the proposal. The SLO's need some revisions. Change the verbs of the measurables. Make sure there is only one verb. Gandhi clarified the notations and will make changes to the measurable aspect.

Some other notations were made through the comments section.

Feucht-Haviar asked if the Committee would like to recommend to proceed with the proposal.

Gary Katz made a motion to recommend the proposal to move forward with the corrections.

Second by Pouyan Eslami.

All in Favor. The Committee recommends the proposal to move forward

Update on Progress Toward Revising the CSUN Certificate Program Policy

Jimmy Gandhi and Bingbing Li gave the Committee an update regarding the revision of this Program Policy.

- I. Stephanie Kim introduced Jimmy Gandhi and Bingbing Li for this topic
- II. Gandhi noted that the proposal was very well received
 - A. "What is the name of the Certificate?" was a question that GSC posed.
 - B. Gandhi stated the three certificate names
 - 1. Li shared his screen so the Committee could see the options
 - 2. An official vote will take place at the next GSC meeting, then the first reading will go to the Senate Executive Committee
 - C. Li stated that the GSC gave positive feedback
 - 1. Stated that the GSC preferred the name "Professional Specialization Certificate"
 - D. Linda Moody also preferred this Specialization title and the reason why this title was preferred
 - E. In the Chat, Elizabeth Blakey and Monica Garcia also preferred the Specialization title

Feedback and discussion from the Committee:

Stephanie Kim would use this certificate for TESOL

Gary Katz asked if there were other certificate options. Joyce Feucht-Haviar gave a response.

The Committee asked other questions. Gandhi gave a response.

GSC will vote on it on December 8th.

The New Option in Engineering Management Master's Degree

Jimmy Gandhi gave a presentation on this new master's degree option.

- I. Jimmy Gandhi gave a history on what a new option is.
 - A. 51% of the curriculum must be the same; this is a 33-credit master's program; therefore 18 units will be the same, including a Capstone
 - B. 5 new courses and the option will be changed to Data Analytics
 - C. Feedback was given by Industry partners and graduates from the recent cohort
- II. Use of the SAP software, a course on digital supply chain and analytics, some exposure to Python programming, and a course on the philosophy of asking the right questions
- III. Perhaps involving faculty in other departments to create a true interdisciplinary program
- IV. Data Analytics could be used in Quality Management for Predictive Maintenance
- V. Possible uses: to prolong the life of materials or in forecasting for launching a new product

Feedback and discussion from the Committee:

Feucht-Haviar discussed the history and provided more information with the Committee.

Gandhi shared his screen so the Committee could see the referenced book, *A More Beautiful Question* by Warren Berger.

Li Liu shared some thoughts from his department. There is a Data Science minor offered from his department on state-side. He placed a link in the chat. They wanted a focused data science minor. Interest from Sociology and Business schools. Two types of interests: 1. Developing tools for people want to use them and 2. Those who need exposure to these tools and be taught the basics on how to use them. Many interests from many sectors. Perhaps Tseng College could look into the Data Science minor and skills to use these tools.

Gandhi stated – It is the approach of how to ask the questions and how to use the existing tools, make conclusions and decisions in an Engineering Management role.

Feucht-Haviar informed the Committee of the new offering added on the Academic Master Plan in November, then in March there is an ok for an approval to plan. Five years to plan or the need to get an extension. E.g., A Master's in Data Science has been put forward to the Academic Master Plan

Pouyan Eslami added – In the College of Business, they are currently working on two similar programs: General Data Analytics Master's Program and one tailored for the Accounting Department in Accounting Analytics. Next year the Operations Department is also looking into a program, a bachelor's degree or minor, in Business Analytics.

There were no other thoughts or comments. Chair Kim thanked Gandhi and asked for him to give the Committee more updates.

No announcements from the Committee. The next meeting is on December 16, 2020.

Adjournment

Having no further business to discuss, Stephanie Kim adjourned the meeting at 4:27 pm.

Prepared by Me'Laine Pemberton Hanna