

## **Curriculum Committee**

Sub-Committee of the Academic Senate  
Spring 2020 Semester

**Meeting Thursday, May 7, 2020 2:15 pm via Zoom**

Present: Gina Cullen, Luna Finlayson, George Golitzin, Rachel Klein, Alisa Klinger, Rebecca Lipson, Sara McKinnon, Lisa Morse, Kevin Muller, Steve Newton, Heather Rahman, Kathleen Smyth, Cari Torres, Derek Wilson, Nancy Willet, Grace Mengqi Yuan

Guests: Logan Wood, David Everitt

Absent: Sheldon Carroll, Paul Cheney, Jeannie Langinger, Bob McCoy, Becky Reetz

### **Standing Items**

1. Call to Order at 2:17 pm in Zoom meeting room
  - Approval and adoption of the adjusted Agenda – add “discussion item – Discuss CES proposals”  
Motion: Rachel Klein  
Second: Kathleen Smyth  
Vote: approved
  - Approve minutes  
Motion: Derek Wilson  
Second: Heather Rahman  
Vote: approved  
Abstained: Lisa Morse

### **Chair Announcement:**

1. We are back on track to move forward with eLumen Catalog.
2. Tech Review Updates
  - We switch to consent agenda to include some of the substantive changes showed up on the workflows that may not need discussion.
  - Please contact Gina to schedule tech review support meetings as needed.

### **Discussion Items**

1. Makerspace Proposal-Logan Wood

Proposal highlights:

COM got funding to develop Maker learning courses. Faculty who are involved in the feasibility research propose four makerspace courses. Each course will be one-unit, CSU transferable/not UC transferable, either attached to an existing course, or stand-alone. The courses are collaborative, taking place in the hands-on space with multi-disciplinary approach, including high-tech (e.g. 3D printer) and low-tech (e.g. sewing machines). Primary physical space will be in the makerspace room in IVC.

Logan elaborated on the two core benefits of those courses: (1) equity-centered skill building for students from different social and economic backgrounds; (2) help COM to integrate with local business.

There are three development and implementation phases included in the proposal.

The floor was opened for discussion.

Derek commented (1) CSU elective unit is not very useful to students; (2) the chosen space seems insufficient. They don't work as joint-rooms (clean room and dirty room), which presents to be problematic. He also raised questions and concerns about usage and pricing surrounding 3D printer. Skills that need to be stacked on transfer level courses, for instance, computer courses, industrial design courses, are very important, the college needs to think together and find the best approach. He also cautioned not to spend more money on the makerspace that cannot be really used.

Logan thanked Derek for those great points. She suggested to have people meet up in IVC again to look for alternative location(s) to develop these courses. She also responded that most of the schools that have developed such one-unit makerspace courses have been successful. The four one-unit courses lead to a skills certificate, which will be rewarding to students. Schools have different challenges and opportunities depending on the location they are in. Byron Ramey and Alex Jones have been involved in the research effort for this proposal from their perspectives.

Gina commented that although the one-unit is just a CSU elective unit, overall it is skill building and can be added to the student's resume.

Lisa shared her thoughts about equipment maintenance, supervision, and logistics management. Skilled people who can really oversee these spaces are mostly third-party contractors, and they are pricy. DRAM has recently developed Certificate programs and revised course series to be hands-on, and there is plan to develop more programs whose goals overlap with what is proposed. She is excited about any space that provides hands-on experience, she would like to seek partnership to make something that is achievable and durable.

Logan welcomed the partnership approach. Funds to have a technician to oversee the space could be covered by the grant initially but remains as a problem long-term.

Derek recommended to require training for competency before being allowed to operate the machines. Liability is an issue in the college environment. He had been down this path several times pursuing makerspace projects for MMST. He suggested us to be strategic of feasibility and make smart choices with consideration of the unique characteristics of Marin County.

Lisa stated she still has more questions about how it intersects and impacts with her programs. She would like to understand more about it and how it fits into existing programs and how it impacts DRAM programs.

Heather suggested us to bring in regional effort to look into this and make it right from the get go.

Gina proposed to give time to people to connect and discuss offline, then vote on the proposal in the next meeting.

### **Action Item**

Table the Makerspace proposal. Lisa, Derek, Logan will meet to discuss more and CC will reconvene to discuss their results in the next meeting.

### 2. New course proposal: Introduction to Programming in Python - David Everitt

Proposal was sent to CC members via email. CC entered directly into discussion.

Derek asked David to clarify on the position of COMP 130, 135 and 138 in the Compute Science degree. David answered that the new course 138 would serve the same role as 130 or 135 and is parallel to those courses in its design.

Nancy commented that CIS taught Python for years in CIS 110. She thought about reaching out to CS department to see if they can be integrated and combined. The synergy between the two could be explored in the future.

Heather commented on the high demand of Python skills in the current Bay area job market.

George asked about why three entry-level courses on programming, why not a higher-level python course? David said he will circle the question back to Mia. As in Physics, they like python too, students take different entry-level course may go into different disciplines. They would like to see an advanced python course in the future. Gina mentioned to be careful about upper-division.

Derek said all three could be addressed in a "survey" course. David said that was an interesting idea. They looked around at other community colleges, but did not find such an example.

### **Action Item**

Lisa Morse moved to approve the new Python course proposal. Heather Rahman seconded. All voted "yes" other than Nancy Willet and Kevin Muller abstained.

### 3. DE addendum:

All Summer and Fall 2020 courses will be DE approved by December 31<sup>st</sup>, required by the Chancellor's Office. Faculty in DE training will work on the DE addendum as part of their learning modules.

Proposal: adjust our current Addendum and add a Checkbox saying "offered online only in an emergency situation".

Gina added that the DE approval will not change the board date on the course, nor the course's revision cycle.

#### **Action Item**

Sara McKinnon moved to approve the DE addendum change. Derek Wilson seconded. All voted "yes".

#### 4. Community Ed courses

Gina brought up Community Education course proposals. CC members discussed about some of the courses that were conflicting with credit courses. Main comments and suggestions are below:

- Community Education courses and academic courses shall support and complement each other, not competing with each other.
- Proposals shall include COR and information on length of the course.
- Chairs need three to four weeks of lead time to review the proposals
- Some members raised questions and concerns reading descriptions of courses offered in the allied health fields.
- It is important not to confuse students with credit courses and that the CES faculty & students respect the shared space.
- Staffing/funding for clean-up after using the classrooms.

#### **Action Item**

Gina will respond to CES with CC suggestions.

#### 5. Consent agenda: The following courses are in the e-Lumen workflow are proposing substantive changes:

- a. Art 195: course objective and content revised due to articulation issue (see e-Lumen workflow for more information)
- b. Mus 102: change advisory to prerequisite (see e-Lumen workflow for more information)

#### **Action Item**

Sara McKinnon moved to approve both items on the Consent Agenda. Kathleen Smyth seconded. All voted "yes".

Meeting adjourned at 3:40pm.