

Business Partnership Council Meeting Minutes

Computer Science

July 19, 2017

3:30 pm

ETA 101

ITEM 1. *Welcome / Introductions*

Discussion: A brief welcome was given, and members gave a short self-introduction. A reminder that the council must have a quorum in order to meet in person and to vote on items. The quorum is one-half of the number of members, plus one. It is possible to conduct e-votes, if necessary.

Associate Dean Allen mentioned that Dr. Elizabeth Horvath is on vacation at this time, and that her role in the department is changing. She will not be the Computer Science Department Chair starting Fall term. We will have a new Department Chair, Prof. Tommy Martin, who will be serving for the next academic year.

Action: None.

ITEM 2. *Apple Launch of App Development Curriculum for High School and Community Colleges*

Discussion: ***Is this something PBSC should consider offering? Pros/Cons***

Bob Decker raised the question of why CGS1100 (Microcomputer Applications) is a requirement for this program (or for several programs). AD Allen responded that the State drives what we offer, and that CGS1100 most likely fit the criteria of the framework. She further added that we may need to revisit the course and possibly revamp it.

Bob Decker further added that this program from Apple seems very Apple-centric, and wonders how much impact this will have with industry. John Howard responded that he feels that it would impact industry. That, even though we are utilizing cross-platform theories, many industries are going more native in their approach as it improves performance. There are common languages that are being used, Swift – an open-source Apple language, and Kotlin – an Android and Java based language, among them, that are important to teach in classes to broaden students' knowledge and in keeping with what is used in industry. Olivia Witkowski added that she believes that Swift is a beneficial language as it mimics Kotlin.

Associate Dean Allen clarified the discussion by asking, do we feel that what Apple is rolling out is comparable? Should we add it as a new program, or incorporate it into an existing one?

John Howard thinks we can offer this in addition to what we currently offer. Bob Decker mentioned that Swift is already being taught in the Objective C class, as Objective C is currently being phased out. Olivia Witkowski stated that Swift is introduced in the iOS Programming class, and that maybe we should look at offering a more advanced version of Swift programming (as a next step).

Shari Elessar asked if Java was still considered a relevant language, or if it is considered a basic language to be built upon for other programming languages. Fabio Rincon and Olivia Witkowski both responded that Java is being phased out. Bob Decker feels that students should be introduced to newer programming languages used in industry in order to give companies a fresh approach if they are hired. John Howard believes that Java is still relevant, as it is a foundational language and is still being used in industry.

Associate Dean Allen asked if the BPC wanted to launch something similar to what Apple has. Bob Decker asked if there would be any fees associated with it. Fabio Rincon mentioned that the School District looked at this and liked the approach. Bob Decker stated that if there are certifications tied to it, then it would be good for the School District.

Motion to keep the PBSC program as is made by John Howard, Seconded by Alex Parker.

Vote: All in favor.

Data source consulted: Article: "Apple launches app development curriculum for high school and community college students"; <https://www.apple.com/newsroom/2017/05/apple-launches-app-development-curriculum-for-high-school-community-college-students/>, and PBSC Mobile Application Development CCC Handout

Action: Keep the Mobile Application Development CCC as is.

ITEM 3. *Discuss/strategize planning of 2017/2018 BPC goals*

Discussion:

a. **Identify student project opportunities for use in the Innovative Lab**

Shari Elessar wanted to know what the Innovative Lab is, how it would work, and how the students would be involved. Associate Dean Allen responded that it would be a lab where students can do hands-on activities using up-to-date equipment that they may not otherwise be able to access in order to gain real-world experience that would help in industry. Students would be able to attend the lab outside of class. The lab would also help students build their portfolios. Projects would be created using interview questions to help figure out specific projects for students to do/participate in. Bob Decker added that it would be important to have as it can help students answer questions when they are out in the "real world". Associate Dean Allen brought up that professors can create assignments in the lab, and projects can be created by the Council, to enhance students' experiences. Some project examples were given: Bob Decker – server configurations, etc., Jose Ortiz – collaborations could occur as the lab would be reconfigurable. Jose Ortiz also responded that a reach out effort would be conducted to faculty and students to inform them of the lab and the benefits of using the lab. Bob Decker added that the Computer/Cybersecurity Clubs can also be another source of students.

• **Discussion: BPC Member Sample Interview Question**

Members were asked to bring sample interview questions to help identify potential projects for the lab.

Olivia Witkowski wanted to begin by having each member identify the top three interview questions they felt were most applicable in their case. Everyone contributed with their questions, and a board was used to record the various questions. (Please see attached copy of the list of questions on the board.)

The discussion centered on the fact that students should be able to answer these questions when they come out of the lab after doing the projects. Bill Vernon added that he feels students should also have a media page and personal website set up, possibly after they have graduated, or it could be done as a graduation project.

Discussion: Possible Chat Session/Working Meeting between BPC members and Industry Leaders to discuss Industry Needs vs. Student Opportunity vs. Curriculum - *Tabled for next meeting.*

b. **Program Mapping: Industry comparison for curriculum alignment**

Tabled for next meeting. Associate Dean Allen mentioned to keep in mind the following: What skill set do students need to rise to the top? This will help with figuring out whether our current curriculum works. Olivia Witkowski would like all members to bring job descriptions to the next meeting to assist with this topic discussion.

Data source consulted: CS BPC Minutes from the April 28, 2017, meeting.

Action: Associate Dean Allen will send an email with information on Guided Pathways, a 3-5 year process for the institution. Members will bring job descriptions to the next meeting.

ITEM 4. *Updates*

Discussion:

a. **Computer Science Faculty Search for LW Campus**

Associate Dean Allen said that this has been a year-long process in hiring new Computer Science faculty for the Lake Worth campus. The first round did not yield anyone, and the second round had a great applicant pool with six top candidates identified. Out of the six, three were chosen: Brent Ferns, Scott Hammond and Kharis Sibayan. They all were strong in developing online courses and will be assisting the department with this endeavor starting in the Fall term.

We will have a Meet-and-Greet with the new faculty during the next BPC meeting in the Fall.

b. **Industry Certifications (Handout) – Jose Ortiz**

Jose Ortiz brought a flyer with information regarding certifications he was able to bring to the College's Testing Center. Associate Dean Allen mentioned that this is a great accomplishment as it helps with the College receiving CAPE funding (\$1000 per student that is certified).

Data source consulted: Get Certified! Handout

Action: None.

ITEM 5. *Next Meeting Date/Time*

Discussion: September 15, 2017, from 3:30-5 pm, was proposed to be the next meeting date and time.

Data source consulted: None.

Action: Save the date for the next meeting.

ITEM 6. *Other*

Discussion: None.

Data source consulted: None.

Action: None.

ITEM 7. *Meeting Evaluation*

Discussion: None.

Data source consulted: Computer Science – Business Partnership Council Evaluation Forms

Action: None.

Attendance: Associate Dean Kimberly Allen (PBSC), Robert Decker, Shari Elessar, John Howard, Jose Ortiz (PBSC), Alex Parker, Fabio Rincon, Bill Vernon, Olivia Witkowski

Adjourned at 5:09 PM.

Submitted by: T. Chow

Scribe

DRAFT

③ Tell me about yourself. What would your mother say about you?
(3-5 min.)

① What challenges have you faced/overcome?

② How have you worked with others to solve problems?

③ Describe in detail a major project you worked on? ~ profit site

④ What did you pursue independent of school/work?

⑤ Tell me about your hobbies/passions.

⑥ How do you learn new technology? videos, classroom, etc

⑦ Tell me about a project idea where you differed from the team.

⑧ Tell me about a project you are proud of.

⑨ Where do you want to be in 5 years?

⑩ Solve a problem with limited info.

⑪ When you don't win, how do you act?