

**Santa Monica College
Computer Science Advisory Board
Meeting Minutes
Friday May 11, 2018**

Present: Salomon Davilla (ScopeWave), Abbas Dehkouda, Satish Singhal (El Camino college), Mark Arias (SMC Student), Edwin Ambrosio (El Camino College), Nate Johnson (Relium), Masahi Stewart (Synctree, Inc), Rich Korf (UCLA CSD), Jinan Darwiche, Fariba Bolandhemat, Hatherat Rattansook (Part time faculty CS), Vicky Seno, Nancy Cardenas (Counseling) and Howard Stahl

Meeting started at 9:30.

Topics Discussed:

Member Introductions.

Overview of AB Info sheet – Growth of WTH despite college wide shrinking enrollments. Difficulty in getting part time instructors. We need full time hiring. Question by Misaghi about min quals, online vs on ground ratio. Format for online classes.

Question on guest lecturers from Nate Johnson. We'd love to have this. Asked for recommendations.

Question on Success and Fill rate from Rich Korf. Scheduling and related topics.

Salomon suggested cccApply to project course offerings and full time faculty needs.

Discussion then moved to the tables showing degrees and certificate completions. Many students complete courses but are unaware they qualify to get certificates. Auto-award helps in this regard.

Satish mentioned reverse credit transfer as in Oklahoma.

Occupational data and UC/CSU transfer data.

Korf asked about tracking student who transfer. 6 months post transfer they show up in the database clearing house part of guidelines for financial aid.

The data is based on job codes CIP 6 to show transfer data which is inaccurate.

Misaghi stated that in employment the number one factor is the portfolio or projects.

Nate asked about the success criteria: transfer or students completing certificates or employment – then align program with that. Most of our funding is based on full time student equivalency. Nancy mentioned that CTE has programs to award function based on the output.

Korf suggested we get data from the transfer schools. The other missing data is to show students employment once they complete courses and degrees (1, 2, or 3 years out). Howard stated the Education Development Division can report on students employment and salary ladder.

Mark Arias noted that other schools publish completion rates which helps students choose majors and schools to attend.

Another factor is Math placement, which forces students to ignore degrees and go into industry.

Next was coverage of our courses to show the breadth of courses offered. Howard covered the Cloud Computing courses. Two members asked the list of graduates. AWS have been very helpful in this effort. We're working on building an AS degree in Cloud Computing. AWS certification is one of the most sought after and paid in the industry. We're hoping to get our students to take those exams for free (paid by either workforce or AWS). Overall, the Cloud Computing program was greatly supported by the board members. They welcomed all the efforts put forward to make this program a reality.

Suggestions for new courses: Machine Learning, AI, Data Science.

In Python introduce concepts of neural networks

Mobile: Native IOS and React native framework especially if they know Javascript. for desktop web applications.

Nate mentioned need to introduce industry focuses – importance of compliance and security.

Nate suggested adding projects and industry practices into the fifth AWS course.

Howard covered future plans for the A.S. degree in Cloud Computing.

Korf asked about Math 7. Howard stated it's there to follow the UC transfer GE pattern. Howard stated that Math 10 could be a substitute.

There was significant consensus that a program in CyberSecurity would be of great interest and value to our students.

Wrap up:

Korf: Our program is amazing. Willing to provide support to grow our program. CS at UCLA is exploding. Support in WTH, hiring and facilitates.

CS contributions to the economy as they earn higher salaries.

Nate : We're on board to support you succeed. Stated that more marketing and communication is needed to drive more students toward the program.

More Python.

Highly recommended other security skills.

Rich asked about % of women in staff and students. Asked for data about students. Stated they created a course to cover programming for students with no background to help in that regard.

Minutes taken by Jinan Darwiche