

Santa Monica College

Computer Science Information Systems

Computer Science Advisory Board

May 15, 2020

MINUTES

Attendees:

SMC Attendees: Howard Stahl (Chair), Edwin Ambrosio, Scott Bishop, Fariba Bolandhemat, Nancy Cardenas, Jinan Darwiche, Mark Edmonds, Mary Eshaghian, Sira Hotsinpiller, Dan Hurley, Koda Kol, David Morgan, Vicky Seno, Joseph Su

SMC Students: Nashir Janmohamed, Ariel Young

Non-SMC Attendees: Charlotte Augenstein (State Chancellor's Office ICT Sector Navigator), Matt Gray (Honey), Richard Korf (UCLA Computer Science), Cord Thomas (RAND Corporation), Christian Williamson (Amazon Web Services)

Call to order: via Zoom - 9:30 AM

Following quick introductions, the following topics were discussed:

Department Review and Dashboard Indicators

Howard shared various data points with the committee. Highlights included:

- A growth in WTH of 42% since 2016-17, of 110% since 2009-2010
- A growth in student headcount of 72% since 2014-2015
- A growth in awarded certificates of 170% since 2014-2015
- No increase in full-time faculty in this discipline since 2001. Attendees commented that more growth is possible if the department had the people-power to make it happen.

Existing Courses and Programs

Howard shared information about our existing classes, certificates and degrees. Attendees commented on the vibrancy and innovation being displayed in our ongoing efforts to stay in line with industry and employment trends. New courses recently approved were discussed including CS 79Y-Microsoft Azure Database Essentials, CS 79Z-Microsoft Azure Essentials, CS 73L-Cybersecurity Literacy and CS 87B-Advanced Python Programming.

Plans for the Future

Howard shared information regarding an Associates Degree in Cloud Computing. This effort is a natural outgrowth of all our classes in the CS 79 Series, both Azure and Amazon Web Services.

MOTION: The Computer Science Advisory Board supports the creation and development of an Associates Degree in Cloud Computing. Made by: Stahl Seconded by: Korf. FOR-21 AGAINST-0 ABSTAIN-0 Attendees support this degree and voted unanimously to support it.

Howard shared information regarding a certificate in Data Science. This effort is a natural outgrowth of many of the topics we are already teaching, including Python, SQL and Machine Learning. The new certificate is being discussed with CIS and Business to see how best to position it and how best to meet student interest. We are proposing to create new courses in R Programming and in Data Science concepts.

MOTION: The Computer Science Advisory Board supports the creation and development of an certificate in Data Science. Made by: Stahl Seconded by: Gray. FOR-21 AGAINST-0 ABSTAIN-0 Attendees support this certificate and voted unanimously to support it.

Meeting Adjourned: 10:35 AM