Santa Monica College

Computer Science Information Systems

Computer Science Advisory Board

May 7, 2021

MINUTES

Attendees:

SMC Attendees: Howard Stahl (Chair), Afshin Amini, Scott Bishop, Fariba Bolandhemat, Nancy Cardenas, Hadi Dabbagh, Jinan Darwiche, Mark Edmonds, Mary Eshaghian, Joan Kang, Sasha King, Keith Kurtz, Ann Marie Leahy, Ashley Mehia, David Morgan, Vicky Seno

Non-SMC Attendees: Charlotte Augenstein (State Chancellor's Office ICT Sector Navigator), Matt Gray (Honey), Richard Korf (UCLA Computer Science), Cord Thomas (RAND Corporation), Paul Hill (Job Search Intelligence)

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 nearly 50% since 2016-17, growth of 110% since 2009-2010
- A growth in student headcount of more than 100% since 2014-2015
- A growth in awarded certificates of more than 400% 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 82A-Introduction to Data Science, CS 82B-Principles of Data Science, CS 82C-R Programming and CS 79X-Data Science on Azure.

Plans for the Future

Howard shared information regarding a certificate in BlockChain Developer and related technologies.

MOTION: The Computer Science Advisory Board supports the creation and development of a certificate in BlockChain Developer and related technologies. Made by: Stahl Seconded by:

Korf. FOR-22 AGAINST-0 ABSTAIN-0 Attendees support this degree and voted unanimously to support it.

==MOTION: The Computer Science Advisory Board supports the creation and development of a certificate for IT Technical Support Professional Certificate. Made by: Stahl Seconded by: Darwiche. FOR-22 AGAINST-0 ABSTAIN-0 Attendees support this degree and voted unanimously to support it.==

Open Discussion

Various additional topics were discussed including the value of digital badging, the GO Programming language, roles of a Data Engineer and the emerging fields of "Data Operations", Zero Trust networks and electronic and mechanical robotics.

Meeting Adjourned: 10:59 AM