**CIS Advisory Committee Meeting Minutes – Monday, February 25, 2019**

**Attendees:**

Esther Frankel – CIS Department Chair, SBCC

Jon Bek – CIS Faculty, SBCC

Carola Smith – Acting Dean, Business Division, SBCC

Nancy Butterfield – Adjunct Faculty, SBCC

Stephen Crafton – IT Supervisor, County of Santa Barbara

Ann Crawford – Database Developer and Consultant, UCSB

Val Eurman – Career Counselor, SBCC

Elizabeth Franco – Business Service Representative, KRA Corp.

Ann Holmes – Adjunct Faculty, SBCC

Alma Janabajab – Business Services Strategist, County of SB Workforce Development Board

David Johnson – IT Consultant

Olga Jones – IT Network Specialist, SBCC

Matt Murray – IT Supervisor, County of Santa Barbara

Kathy Rayburn – Sr. Software Engineer, Observables, Inc.

**Meeting Minutes:**

Department faculty began with an overview of various computer departments, and the curriculum focus of the CIS Department.

Participants reviewed existing programs of study and courses. The Committee again confirmed that the classes in the new certificates submitted to CAC were appropriate. There was a suggestion that the CIS Department offer a “lite” version of the CIS 101 course as a non-credit course, focusing on possible job opportunities in the field. There was also a suggestion that the department offer a course in general data literacy.

The group then had a discussion of trending technologies. Technologies mentioned included:

* Cloud Computing: Participants confirmed that more organizations are moving to the cloud and supported the course offerings of the CIS Department in these areas, particularly in AWS certification. The Committee supported the Department’s goal of creating a certificate (“Cloud Computing Specialist”, or similar title) in this area as there are more jobs available in our local area, and recommended the following courses: CIS 115, CIS 116, CIS 245, and a choice of two out of the three “big” cloud providers (Microsoft, AWS, and Google).
* Data Analytics: The Committee supported the idea of a certificate in data analytics, but recognized that this need to be a “stackable” certificate. Recommended courses included a generic data visualization course, a variety of tools, big data, Power BI, the R programming language, PowerShell, statistics, and Dev Ops. (The latter might be a separate certificate.)
* Other Technologies: Other important trends included IoT and certificate system administration, SaaS administration (i.e., Box, ServiceNow, Office365, and Salesforce), programming with APIs, and Crystal Reports.