

Computer Information Systems Department



Industry Advisory Committee Minutes

Thursday March 28, 2019

Attendees

Joey Cruz, So Cal Gas Co.	Brian Brookman	Barry Andrews, Faculty John Blyzka,,Faculty Paul Chiu, Faculty Jim Gau, Faculty Rich Patterson, Faculty Jaishri Mehta, Faculty Victor Zamora,Faculty Sohair Zaki, Faculty James Holbert, Faculty Anna Degtyareva, Faculty
Hoormazd Cyrus Kia	Erik Soto, ADP	
Dale Vickers, Mt. SAC	Jennifer Galbraith, Business Division Dean	
Antonio Bangloy, Mt. SAC	Charlotte Augenstein	
Richard Rosenbluth, Rose Information		
John Lin, Blizzard		
Chuong Tran, Mt. SAC		

Welcome: Vic Zamora welcomed all attendees

Announcements:

- Two new CIS Professors - Our Business Division Dean, Jennifer Galbraith introduced our two new faculty members: Paul Chiu and James Holbert
- All attendees introduced themselves
- Global Azure Bootcamp - April 27th Vic is working with the team. All day Saturday.
- Recommendations for Adjunct Professors – Barry asked the committee to send recommendations for people in the industry who might want to teach as adjunct professors. Barry listed his email address.
- Recommendations for new members of IAC – Barry also mentioned that we are always looking for new members for our IAC committee. Each member was encouraged to bring colleagues.

Discussion Items:

- Newly Approved Courses and Programs –
 - Four new courses will be offered next year. Will be taught by Sohair Zaki.
 - CISS 31 – Computer Forensics will be taught by James Holbert
 - CISD 41 – Introduction to Data Science
 - CISD 42 – Big Data Integration and Processing
 - CISD 43 – Big Data Modeling and Analysis

- **Work Experience Courses** – The department was able to get five courses created as Internships in local companies. Asked for suggestions from the members. Career Specialist would work with the students. This is for non-credit and pay or non-pay. Attendees were asked to get a hold of Vic Zamora if their company would be interested in hiring one of the students from this new program.
 - **CISB 81** – Work Experience in Office Technology
 - **CISN 81** – Work Experience in Computer Networking
 - **CISP 81** – Work Experience in Computer Programming
 - **CISS 81** – Work Experience in Computer Security
 - **CISW 81** – Work Experience in Web Programming

- Proposed new Certificate in Cloud Computing – Working with Santa Monica College on a program in Cloud computing: The committee approved the certificate and these 4 courses:
 - Introduction to Cloud Computing
 - Database essentials in Cloud Computing (or Amazon Web Services)
 - Compute Engines in Cloud Computing (or Amazon Web Services)
 - Security in Cloud Computing (or Amazon Web Services)

- Proposed new courses –
 - James Holbert explained about proposed new courses in Secure programming in Assembly Language
 - Sohair Zaki explained about a new proposed course in Python programming
 - Approval was requested and received from the committee

- Modification of Computer Network Administration & Security Management Degrees –
 - Approval was sought and received for including the above two new courses within the
 - CNASM or
 - Associate of Arts Degree in Liberal Arts and Sciences with Emphasis in Information Technology

- Proposed modification for Online courses – Jai Mehta spoke about the need to modify many of our courses to teach them completely online. Approval was sought and received from the committee members.
 - CISB 51 – Microsoft PowerPoint
 - CISD 21L – Database Management – Microsoft SQL Server
 - CISP 21L – Programming in Java Lab
 - CISP 24L – Advanced Java Programming Lab
 - CISP 31L – Programming in C++ Lab
 - CISP 34L – Advanced C++ Programming Lab
 - CISS 21L – Network Vulnerabilities and Countermeasures Lab
 - CISW 21L – Secure Web Programming with ASP.NET Lab

- Proposed modifications to CISN 61, Approval was sought and received.
 - Change title to Secure Cloud Computing and Virtualization. Delete the Advisories for the course. Add a topic of Comparison of bare metal, virtualization, and containers.
- Proposed Modifications to Certificates – John Blyzka introduced proposed changes to certain CIS Certificates. These modifications were approved by the committee.
- Proposed Deactivations – Anna Degtyareva asked for approval of course deactivations and deactivation of appropriate certificates. These deactivations were approved by the committee:
 - CISP 61 and CISP 61L – Introduction to Game Programming courses
 - Game Programming Development certificate

- Proposed Funding Requests. These requests were approved by the committee:
 - Tutors for CIS students
 - Hardware for OpenStack private cloud environment
 - Establish a CIS museum
 - Software subscriptions
 - Hardware for CIS courses
 - Create and start Internship Program
 - Develop Cloud Computing courses and certificate
 - Professional Development and Conference attendance by CIS faculty

- New Cutting-Edge technologies:
 - Should the program here go with Office 2019 or Office 365. Comments were voiced about going with Office 365 rather than Office 2019. SharePoint was mentioned along with OneDrive to be covered in our CISB 15 courses.
 - Version control
 - GitHub and Portfolios and AWS
 - Teams and Portals
 - Should R be taught in conjunction with Python?
 - Cloud Based Networking Management
 - Agile methodologies
 - IBM Watson
 - DevOps
 - Block Chain technologies
 - Artificial Intelligence tied closely with our Big Data program
 - Testing – both unit testing and integration testing

- Closing Comments and dismissal