

**Mt. San Antonio College**  
**Computer Information Systems Department**  
**Industry Advisory Committee (IAC) Annual Meeting**  
**12:30 – 2:00 PM, Thursday, March 25, 2020**

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**Minutes**

| <b>Attendees</b>  |   |
|---|---|
| <b>Mt. SAC</b>  | <b>Guest Committee Members</b>  |
| <ul style="list-style-type: none"> <li>• Anna Degtyareva</li> <li>• Jaishri Mehta</li> <li>• Sohair Zaki</li> <li>• Barry Andrews</li> <li>• Vic Zamora</li> <li>• Rich Patterson</li> <li>• Paul Chiu</li> <li>• James Holbert</li> <li>• Jim Gau</li> <li>• John Blyzka</li> <li>• Fawaz Al-Malood</li> <li>• Dawn Finley</li> <li>• Antonio Bangloy</li> <li>• Anthony Moore</li> <li>• Chuong Tran</li> </ul> | <ul style="list-style-type: none"> <li>• John Edward Torres</li> <li>• Richard Rosenbluth</li> <li>• Raymond Ybarra</li> <li>• Steven Chan</li> <li>• Charlotte Augenstein</li> <li>• Joey Cruz</li> <li>• Salomom Davilla</li> <li>• John Lin</li> </ul> |

- 1) Welcome, Introductions, and Announcements – Victor Zamora, IAC Co-Chair
  - 1) Welcome – Barry Andrews, Department Chair
  - 2) Self-introduction by IAC members
    - CIS Department Chairperson Barry Andrews welcomed all those in attendance and made some brief opening remarks
    - IAC Co-Chair Professor Vic Zamora asked each attendee to introduce him/herself
  
- 2) Curriculum changes needing IAC approval – Jai Mehta, IAC Co-Chair
  - 1) Name change – James Holbert
    - IAC Co-chair Professor Jaishri Mehta invited Professor James Holbert to explain a proposed course name change to the department’s **CISB 15 – Microcomputer Applications** course to the name: **Office Productivity Applications**
    - Professor Mehta asked members for approval of this name change.
    - Members approved the CISB 15 name change

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2) Name, description, and topical outline changes – Jim Gau

- Professor Jim Gau explained several proposals for name changes:
  - **CISS 23 & CISS 23L** from “Network Analysis, Intrusion Detection/Prevention Systems” to:  
“Cyber, Cloud, Local Network Intrusion Detection/Prevention Systems (IDS/IPS)”
  - **CISS 25 & CISS 25L** from “Network Security and Firewalls” to:  
“Cyber, Cloud, Local Network Security and Firewalls”
  
- IAC members gave their approval for these two name changes.

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3) Add new Python concentration to Computer Programming Degree which currently has C++, Java, Mobile and Web concentrations – Sohair Zaki

- Professor Sohair Zaki asked for approval for two new Python classes to be added to the department's Computer Programming Degree:
  - **CISP 71 and CISP 71L** – Programming in Python, lecture, and lab
  - **CISP 74 and CISP 74L** – Advanced Programming in Python, lecture, and lab
- IAC members gave their approval for these two new additions to the degree

4) **Big Data Analytics for Business Degree** with these existing courses – Sohair Zaki

- Professor Sohair Zaki asked the members for approval of the content for the Big Data Analytics for Business Degree:
  - CISP 11 – Computer Information Systems
  - MATH 110 – Elementary Statistics or equivalent
  - CISP 71 & CISP 71L – Programming in Python, lecture, and lab
  - CISP 21 & CISP 21L – Database Management – Microsoft SQL Server, lecture, lab  
- OR -  
CISP 31 and CISP 31L – Database Management – Oracle, lecture, lab
  - Big Data Analytics courses:
    - CISP 41 – Introduction to Data Science
    - CISP 42 – Big Data Integration
    - CISP 43 – Big Data Modeling and Analysis
- IAC members gave their approval for this Degree content

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- 5) Artificial Intelligence for Business Degree with these existing courses – Sohair Zaki
- Professor Sohair Zaki asked the members for approval of the content for the Artificial Intelligence for Business Degree:
    - CISB 11 – Computer Information Systems
    - MATH 110 – Elementary Statistics or equivalent
    - CISP 71 & CISP 71L – Programming in Python, lecture, and lab
    - CISD 21 & CISD 21L – Database Management – Microsoft SQL Server, lecture, lab  
- OR -  
CISD 31 and CISD 31L – Database Management – Oracle, lecture, lab
    - Artificial Intelligence courses:
      - CISB 60 – Machine Learning in Business
      - CISB 62 – Deep Learning in Business
      - CISB 63 – Natural Language Processing in Business
  - IAC members gave their approval for this Degree content

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3) Grants and Projects – Victor Zamora

Professor Zamora asked several attendees to speak about relevant topics concerning the Department's Grants and Projects:

- Dawn Finley Mt. SAC Career Specialist gave an overview of Work Experience program conditions and limitations due to the pandemic
- Salomon Davila gave the committee an overview of the CA Cloud Workforce Project and their Internships
- Professor James Holbert asked for approval from the committee members to request Perkins Grant funds for 4-5 CIS student tutors to help our students in many of our classes.
  - Approval was given by the committee members
- Professor Zamora also discussed his work with our Internship programs and that he is looking into different models of internships. The whole idea of Workers Comp for non-paid interns was discussed.

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4) Ideas and Suggestions – Barry Andrews

- 1) Propose new courses or programs based on emerging technologies
- 2) Pandemic effects on Information Systems and related fields
- 3) New Adjunct Professors for new courses and programs
- 4) New members for Industry Advisory Committee

Department Chairperson Barry Andrews asked the committee members for:

- Suggestions for new courses or programs for the department based on any emerging technologies:
  - Members mentioned quite a few technologies to consider:
    - Project Management Skills – CRM
    - Digital Asset Management, Business Logic
    - Network Automation, 5G & Wi-Fi
    - SCRUM certification
    - Agile
    - Microsoft Tools
    - Change Control Process / Management
    - Quality Assurance
    - SharePoint
    - Microsoft Teams
    - Slack
    - Discord
    - Systems Integration
  - The pandemic effect on IT and related fields was discussed.
  - Professor Andrews asked for suggestions for future Adjunct professor to teach for the department.
  - Professor Andrews also asked for suggestions for new members for the IAC Committee and gave his email address in the Chat Room for them to get a hold of him.

5) Professor Zamora gave some closing remarks and closed the IAC meeting