

**East Los Angeles Community College**  
**Computer Information Systems and Computer Science**  
**Advisory Committee Meeting Minutes**  
**Friday, May 5, 2023**

Breakout Group 4

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**Purpose:** Advisory Committee Meeting

**Department Chair:** Frank Aguirre

**Lead Committee:** Carlos Rodriguez, Helen Sheran

**Advisory Committee Members Present:**

Jacky D. Chen  
Master Principal Solution Architect  
Oracle Corporation  
Email: dejian.chen@gmail.com

Steve Lo  
Application Development Supervisor  
LA County - Community Development Commission  
Email: LoSteve@gmail.com

Dinesh Sthapit  
Application System Architecture  
Intel Corporation  
Email: dineshxsthapit@intel.com

Nanda Ganesan  
Chair Information Systems  
Cal State L.A.  
Email: nganesa@exchange.calstatela.edu

Robert Tellez  
Regional Sales Manager, Ixia Solutions Group  
Keysight Technologies  
robert.tellez@keysight.com

## **FACULTY and STAFF - COMPUTER INFORMATION SYSTEMS & COMPUTER SCIENCE**

Babak Khollesi  
Professor of Computer Science  
East Los Angeles Community College

Simon Lin  
Professor of Computer Science  
East Los Angeles Community College

Carlos Rodriguez  
Associate Professor of Computer Science  
East Los Angeles Community College

Hugo Sanchez  
Adjunct Professor  
East Los Angeles Community College

David Freedman  
Adjunct Professor  
East Los Angeles Community College

Tuan Nguyen  
Adjunct Professor  
East Los Angeles Community College

Mary Eshaghian Walker  
Adjunct Professor  
East Los Angeles Community College

Dat Dang  
Computer Lab Technician  
East Los Angeles Community College

William Kwan  
Computer Lab Technician  
East Los Angeles Community College

## Introductions and Discussions

### I. **Call to Order:**

East Los Angeles College Business Administration Department Chairperson, Frank Aguirre called the Business Administration Department Advisory Committee Meeting to order via Zoom meeting at 12:15 a.m.

### II. **Welcome:** Chair Frank Aguirre

Purpose of the meeting: To gather a group of professionals and community leaders together from the community and from different industries to learn from their advice on how the department can be improved, move on to right direction and to educate students with the knowledge that they can serve the community with. The department seeks suggestions on course and program development, and recent technologies.

### III. Each discipline broke out into groups: CIS/CS Group 4

### IV. **Introductions:** Introduction of Faculty and Guests

The committee members and faculty members present introduced themselves.

### V. **Reports and Updates from the Department:** Carlos Rodriguez

Screen shared 2023 committee report recommendations.

Current programs:

- Computer Essentials - Skills Certificate
- Cyber Security - Skills Certificate
- Cloud Computing - Certificate of Achievement
- Computer Science Information Technology Microcomputers - Certificate of Achievement
- Computer Science Information Technology Programming - Certificate of Achievement
- Computer Science Information Technology - Associate in Arts Degree

### VI. **Agenda:** Carlos Rodriguez

Advisory committee guests took turns providing answers to the written agenda provided ahead of time.

Discussion Theme: **“Technology to the Business World and Educational Community”**

Topics to be discussed:

1. Identify the careers in your field that are/will be in demand
2. The qualifications desired by employers for these career positions
3. Would work experience including internship be an important factor in hiring?
4. What academic programs would you recommend to the department?

## VII. Curriculum Recommendations

Considerations:

1. Cyber Security Program
2. Cloud services
3. Machine Learning
4. A.I.
5. Internships
6. Mentoring

Here are some meetings note briefs that our advisors and adjuncts contributed.

Adjunct Hugo Sanchez discussed the importance of an A+ certification. Ethical Hacking Security + courses and fundamentals of Database course to be a must have for all students.

Advisor Robert Tellez is asking for Linux to be an essential course that can be used as part of networking, cybersecurity, and operating systems. Asked if we can add more Excel course development.

Guest speaker Nanda Ganesan concurred that fundamentals courses will set the foundation for students transferring to a 4-year college. Curious about the need for a Linux course. Confirmed that Cloud and Cybersecurity courses are in demand.

Professor Robert Khollesi screen shared the certification courses for all to review and see the sequence of courses offered.

Adjunct Professor David Freedman shared the development of Machine Learning through the AWS learning center and how it would help and strengthen ELAC course offerings.

Advisor Steven Lo shared that Cloud Computing is very relevant and can be offered in both AZURE and AWS as it can be used as a quick certification.

Advisor Robert Tellez mentioned that at this time Key Insight would be interested in a possible internship program with ELAC which we would be able to look at in the Fall.

Advisor Jacky Chen concurred with Advisor Steven Lo on the importance of certifications in Cloud computing, Machine Learning and Cybersecurity and possible Data Science.

Advisor Robert Tellez touched base on Cyber Certification, Data Analytics and the use of Sage Maker if math and statistics were a requirement?

This last comment by advisor Robert Tellez opened the forum for a more in-depth discussion about pre-requisites, clarification of our current certification offerings and how we would be able to review the suggested new certifications in:

- Machine Learning
- Data Analytics
- Data Science

In closing the faculty of ELAC would like to thank our guests for participating in our annual advisory board meeting.

**VIII. Summary:**

- Meeting minutes will be sent out for approval once completed.
- For any questions, email the department chair.

Meeting Adjourned: 2:30 p.m.