# **Los Angeles Mission College**

## **CS and CIS Advisory Board Meeting Minutes**

**Friday February 19, 2021**

## Start Time 12:00 noon

Zoom meeting hosted by vice chair, started at 12:00 noon.

## Welcome

Dean Uliana welcomed all, specially our industry partners.

## Sign-in

Used Zooms’ registration to get the sign-in form information.

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| **First Name** | **Last Name** | **Email** | **Registration Time** | **Approval Status** |
| Javier | Rios | riosj2@laccd.edu | 2/19/2021 11:06 | approved |
| Yohan | Ruparatne | yohanr@logictcg.com | 2/19/2021 11:58 | approved |
| LV | McCoy | lv.mccoy.security@gmail.com | 2/19/2021 11:58 | approved |
| Marla | Uliana | ulianamr@lamission.edu | 2/19/2021 11:58 | approved |
| Steven | Entezari | steven.entezari@gmail.com | 2/19/2021 11:59 | approved |
| George | McKinney | mckinng@lamission.edu | 2/19/2021 11:59 | approved |
| Sophia | Robles | roblesse@laccd.edu | 2/19/2021 12:01 | approved |
| Angel | Ortiz | aortiz2@lausd.net | 2/19/2021 12:02 | approved |
| Debby Wong |  | wongkd@laccd.edu | 2/19/2021 12:02 | approved |
| Keri | Barnett-Howell | khowell@missioncloud.com | 2/19/2021 12:02 | approved |
| Bamdad | Samii | samiib@lamission.edu | 2/19/2021 12:04 | approved |
| Charlotte | Augenstein | charlotte@glendale.edu | 2/19/2021 12:06 | approved |
| Kit Shan | Wong | wongkd@lamission.edu | 2/19/2021 12:15 | approved |

|  |  |  |
| --- | --- | --- |
| **Name** | **Title** | **Email** |
| Angel Ortiz | High School ICT Instructor | [aortiz2@lausd.net](mailto:aortiz2@lausd.net) |
| Bamdad Samii | MATH/CSIT/ENG Department Vice Chair | [samiib@lamission.edu](mailto:samiib@lamission.edu) |
| Charlotte Augenstein | Regional Director ICT Digital Media | [charlotte@glendale.edu](mailto:charlotte@glendale.edu) |
| George McKinney | Managing Partner, Chief Developer at Hookstream Incorporated / Zukini Mobile | [mckinng@lamission.edu](mailto:mckinng@lamission.edu) |
| Javier Rios | CTE Pathway Advisor - LDNE | [riosj2@laccd.edu](mailto:riosj2@laccd.edu) |
| Keri Barnett-Howell (she/her) | Manager, Learning & Talent, [Mission](https://www.missioncloud.com/) | [khowell@missioncloud.com](mailto:khowell@missioncloud.com) |
| Kit Shan Wong | MATH/CSIT/ENG Department Chair | [wongkd@lamission.edu](mailto:wongkd@lamission.edu) |
| LV McCoy | Cryptographic Management Subject Matter Expert | [lv.mccoy.security@gmail.com](mailto:lv.mccoy.security@gmail.com) |
| Marla Uliana | CWE Dean | [ulianamr@lamission.edu](mailto:ulianamr@lamission.edu) |
| Sophia Robles | C5997-SFP-Program Specialist | [roblesse@laccd.edu](mailto:roblesse@laccd.edu) |
| Steven Entezari | Senior Manager of Professional Services - [Oracle](https://bronto.com/) | [steven.entezari@gmail.com](mailto:steven.entezari@gmail.com) |
| Yohan Ruparatne | President at Logic Technology Consulting | [yohanr@logictcg.com](mailto:yohanr@logictcg.com) |
| Milan Samplewala | CS & CIS Vice Chair | [samplem@laccd.edu](mailto:samplem@laccd.edu) |

## Approval of Minutes

Last year’s meeting minutes were approved via email, in interest of time. Dept. Chair, Debby Wong approved them and Dean Fabiola Mora approved with revision that the sign-in sheet with the titles, and email addresses of participants be part of the minutes. Completed that on May 05, 2020.

## Agenda:

We did cover the agenda items; however, the order was changed organically. We did item 6 Approval of programs, 4 Introductions and feedback from committee members, 5 Discipline progress report, followed by 7 Approval for purchases.

***12:00 Noon – Welcome.***

Started with Introductions, however, jumped immediately to Program Reviews.

*0 minutes*

Javier asked if our Cyber Security Program includes Linux training. I will check out each course objectives and verify that we do include Linux, and not just focus on Windows O.S. McCoy agreed that the program should include Linux training and to learning Linux tools. Charlotte suggested we explore adding an objective to an existing course, rather than create a new one. Discussion on depth of coverage, issued.

Action item: Create an introductory course on Linux. And (or) ensure students are learning Linux tools in existing courses required for the certificate.

*7 minutes*

Next, presented the three stackable programs for computer programmer. The certificate of accomplishment has introduction to CS, data analytics (advanced Excel and Access), Oracle SQL, and web application development using HTML & CSS.

The Certificate of Achievement can be in Computer Programmer (for CS transfer students this is recommended), or in Full Stack Web Application Developer.

Students can then take additional courses to get their Associate degrees. The CS transfer student in two years here at LAMC will exit with an AS in Computer Programmer. The ones interested in web development would exit with an AS in Full Stack Developer.

Open for feedback from the members: For our AS in Full Stack Developer, we substituted the basic and advanced VB.Net + AJAX development environment courses with Cloud Computing courses. This way students will learn about deploying their web applications in the cloud, using SQL and non-SQL databases, learn about compute engines, cloud-front and other tools to make their applications accessible and scalable. George asked clarifying questions about which courses (tools) were we teaching before. Charlotte thought it was a good idea, because perhaps student would also consider taking industry certificates in Cloud Computing. And having that, would enrich their resumes.

Highlighted how most of our courses do prepare students for industry certificates (and students are encouraged to take them). And our CIS 148 – Web Application Development using HTML and CSS not only teaches students to create their own website from scratch but also has students review each other’s websites and fill out a report about the various features of a good website.

Currently we conduct workshops to encourage students to take industry certificates. We are looking into integrating them into the course itself.

Charlotte shared the Microsoft portal where students can learn about the various MS certification pathways and also have access to some free learning material and pre-exams.

<https://docs.microsoft.com/en-us/learn/>

Steven suggested we also teach change management and configuration control to students. How to maintain various versions of their websites; develop their portfolio on GitHub so students can present their work in a meaningful manner to their employers. Project management tool (SCRUM Certifications), API programming, and other supplementary skills were also mentioned to prepare them for industry.

Action item: Create short videos and modules on GitHub, Project Management tool (SCRUM), API programming.

*23 minutes*

Last program to review is our Cloud Computing program, the Certificate of Achievement. Have few graduates and couple of them earned the AWS Cloud Practitioner Certificate and currently interning. This program was created as part of the 19-college consortium and industry input. Students can successfully pass the AWS Solutions Architect Associate after taking the four core courses and attending a workshop (bootcamps). Added incentive is that it is free of cost to the student. Their fees are covered by the SWP grant. Charlotte added that we also have Cloud Days where we have panel discussions and mentors from the industry. Keri had two questions (via email), where do students learn about Linux and whether they get some System Administration experience.

Action item: Suggest Linux and System Administration skills for Cloud Computing students.

*27 minutes*

Invited members to introduce themselves and provide any comments or feedback on the four programs presented.

Charlotte is the regional director for ICT digital media for Los Angeles Community Colleges. A bridge between industry and education. Take what the industry needs to faculty. Provide them information and training and then we take it down to the students, so when they’re ready to enter the workforce or reenter the workforce or make a job change you've got a great candidate in the pipeline for employment.

Each of the members introduced themselves.

38 minutes

Presented the progress report document to the committee. See attachment. Listed below are some highlights, comments and feedback.

* McCoy: Pandemic – did enrollment drop because they found employment; is that not a positive thing?
* Steven: does internship count as credit?
* Mission X is a huge success!
* Simulation labs for remote teaching Cyber Security. – exploring options.
* Transitioned from Oracle 12c to Oracle APEX for SQL, due to the remote instruction. The labs were not an option.
* Have non-credit program. Apple – Swift programming. Could not conduct it last Spring break or summer or winter. We have purchased electronic devices like robots, raspberry pi(s) and other kits. Have not had an opportunity to utilize them.
* SNAP Academy – Napolean Cerna was selected as part of the academy in the summer of 2020.
* Partnering with JobSpeaker, Network Kinnect and Unite-LA to provide students mentorship, internship, interview skills by providing mock-interviews, and job shadowing.

Action Item: Incentivize internship opportunities by providing credits.

*52 minutes*

Created zoom poll for each of the four program sets. They were unanimously approved by the committee members.

*60 minutes*

Approval for expenses like advertisement, tournament fees, cloud day, and other miscellaneous expenses was requested.

Steven enquired what purpose does this approval serve, is this our fiduciary responsibility? Marla explained that we need industry approval / input on how and where we should spend the money. We propose and inform the advisory committee, and seek approval, so that our programs and equipment meet industry standards.

*65 minutes*

Thank you and good bye.