# Computer Studies Advisory Board Minutes

September 21, 2021| 4:00 – 5:30 p.m. | Zoom

## Computer Studies Advisory

**Attendees:**

Mark Tanis, California Business Technology

Bill Komenetsky, Las Positas College
Carlos Moreno, Las Positas College
Debbie Fields, Las Positas College
Elle Bañuelos, Las Positas College
Jean O'Neil-Opipari, Las Positas College
Jeff Weichert, Las Positas College
Moh Daoud, Las Positas College
Nan Ho, Las Positas College

## Meeting Minutes

1. **Call to Order – Welcome and Introductions**
   - Meeting called to order at 4:00 p.m.

2. **Review and Approval of Agenda**
   - Carlos moved to approve; Jeff seconded – Approved

3. **Review and Approval of Minutes – March 22, 2021**
   - Carlos motioned to approve; Bill seconded – Approved

4. **Industry Updates**
   - **Training and Hiring Needs**
     o Mark Tanis shared that it has been difficult to hire people possibly due to unemployment being better than the wages individuals would be making. In addition, the vaccine mandate has made things challenging along with individuals (especially the younger age group) not wanting to come into an office and would rather work from home.
   - **Emerging Trends**
     o Mark Tanis mentioned that cybersecurity issues have become a major concern since the pandemic and shared [CMMC Accreditation Body](#) with everyone by explaining that it would help protect subcontractors of the DOD.
     o Also mentioned that Cloudflare (DNS filtering) is new and up and coming
   - **Internship Opportunities**
     o Mark Tanis says he/his company is open to internship opportunities
     o It was recommended he join our Handshake / Internship Job Board

5. **Faculty Report**
   - **Enrollments**
     o Computer Studies Enrollment History – Bill Komanetsky

|  | Fall 2019 | Spring 2020 | Fall 2020 | Spring 2021 | Fall 2021 |
|---|---|---|---|---|---|
| **CIS** | 479 | 532 | 449 | 454 | 406 |
| **CNT** | 197 | 191 | 247 | 256 | 196 |
| **CS** | 482 | 456 | 422 | 405 | 378 |

   o CS enrollment has dropped consistently since Fall 2019. Why? Maybe because CS students would rather be in-person than online.
   o CNT has increased, maybe due to the Google IT program we added.

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- **Computer Studies Symposium – update**
  - Was a success! We got more students to enroll in the Computer Studies program based on attending the symposium.
- **Code Jam – update**
  - Was also a success!
- **Grant proposal for NSF scholarship fund (S-STEM):**
  - Carlos Moreno working with Michal Shuldman to look for industry partners to support the grant via internships, mentorships, workshops, providing resources etc.
  Ask: between now and early next year, if you think you are interested in this partnership, please email Carlos!
  - Scholarship money for low-income students (CS and BIO)
  S-STEM is an NSF grant that offers scholarships and opportunities to low-income students. I'm currently working alongside a biology faculty member on a proposal for this grant. One determining factor for a successful grant proposal is the inclusion of industry partners. Broadly, we are looking for companies and organizations that would be willing to participate in this grant if we're accepted. Examples of participation can include offering internships, providing mentorship, giving workshops, or presenting talks. If this seems like a potential interest to your organization, let me know and we can discuss further details. Thanks! Carlos Moreno, cmoreno@laspositascollege.edu
- **Full time CIS Position**
  - LaVaughn Hart retired
- **Adjunct part-time CS Position(s)**
  - We lost a newly hired CS adjunct faculty member due to family emergency
- **New Programs**
  - Red Hat
  - Artificial Intelligence
  - MIS programs
  - Data Analytics

- **Livermore High School**
  - Lost their only CS instructor
  - Dual Enrollment vs. Concurrent Enrollment
  - Offer course after 3:30 p.m.
  - CS 7, CS 1, CS 2 – Spring 2022
  - Articulation – will this truly be articulated to CS/UC and will this satisfy any A-G requirements

- **San Jose State, new program: BS in Information Science and Data Analytics (LPC courses may articulate)**
  - LPC developing an operating system course to articulate all SJSU courses

- **Groundbreaking for new LPC facilities**
    - 2100 Building – Planned to be ready in 2022/2023
- **Plans for Spring 2022**
    - New CS 10 course
    - New CS 4 course
    - Back to Face to Face, Spring, 22 (65%)

6. **Recommendations from the Advisory Board**
   - Timing of this meeting? If we move it earlier maybe more industry partners could/would attend
   - Mark Tanis – starting at 4:00 p.m. was difficult
   - Moh/Jeff – 5:00 -6:30 p.m.?
   - **Cyber-Security Literacy Consortium**
        - Levels of Cyber Proficiency
        - What are the needs of students vs. businesses
        - What are the needs (gaps) and how do we address them
        - Needs of students vs. the community vs. the industry
        - Customer Service component – maybe target high school students

7. **Good of the Order**

8. **Next Regular Meeting:** Tentatively week of March 21, 2022
    - Doodle Poll to follow this meeting to find the best time to meet

9. **Adjournment –** Meeting adjourned 5:28 p.m.