CIS/CNT/CS ADVISORY BOARD
Meeting Minutes

October 3, 2023| 4:45| Bldg. 1600, Room 1687 & Zoom

Committee Name   Quorum:

Members:

Tim	Berg
Moh	Daoud
Debbie	Fields
Jigyasa	Grover
Tom	Orf
Anita	Bhatia
Pavan	Manocha
Carlos	Moreno
Jean	O'Neil-Opipari
Mark	Tanis
Jeffery	Weichert
Amr	Elkady
Kevin	Kiyoi
Beth	McCormack
Kristi	Vanderhoof
Sarah	Holtzclaw
Jim	Sharp

Agenda Item

1. Call to Order – Welcome and Introductions 4:55 pm

2. Review and Approval of Agenda
   Jeffery moves to approve the agenda. Mark seconds, motion carries

3. Review and Approval of Minutes – March 28, 2023
   Kristi motions to approve the meeting minutes, Jeffery seconds, motion carries. Beth, Tom, and Amr abstain

4. Industry Update
   - Training and Hiring Needs
     o Tim from Sandia always hiring interns. Connect with Kristi, increase need for securing systems
     o Open to credit from experience
     o Government pushing zero trust architecture
     o Students need to have current skills
     o The requirements are lengthy
       o May require a set of classes or certification
       o LPC can create or enhance courses. Create a cybersecurity course
     o Supply chain can affect security – many layers
     o Industry needs employees who have experience in cyber security and malware, not necessarily coding
     o Sandia requires folks to program in Python
     o Encourage people to apply for jobs where they still have learning holes.
     o Chevron, WorkDay and Service now will hire and train.

   - Emerging Trends
     o Big Data as it relates to climate/environment in addition to finance and IT
     o LPC could incorporate climate into courses
     o Chevron's strategy and climate go together. [Sustainability report](#)
     o Students might want to explore AI.
     o LPC ran AI program for the first time.
     o K12 - new course at PUSD – advanced computer science. Projects with Raspberry Pie, Meta Quest. Develop process, documentation, project management 2nd semester develop project that helps the community and present it to a panel to get feedback. Some students are doing a presentation at the Senior Center – students developing tools to help Seniors.

- o Emphasize teamwork

- Internship Opportunities
  - o LLNL hired 3 LPC interns. All are CNT technicians. Applied through Computing Scholars program, 10-12 week internship.
  - o Mark - former LLNL students doing well. Looking for someone with financial automaton experience (Shopify)
  - o [LPC Internship and Job Board](#)
  - o [LPC Career Center](#)

5. LAEP (Carlos)
   - Will pay employers to employ LPC students
   - Financial aid from the state
     - o 50% for for-profit companies
     - o 90% for non-profit
     - o Target underrepresented students (Vets, 1st Gen, etc.)

6. MESA Grant (Carlos)
   - Math, Engineering, and Science Achievement
   - Need to establish an advisory board that will meet once or twice a year.

7. LPC Program Updates (tabled)

   - CIS Program
     - o [AS Computer Information Technologist](#)
     - o [AA Computer Information Systems](#)
     - o Certificates of Achievement
       - ▪ [Computer Applications Software](#)
       - ▪ [Administrative Medical Assistant](#)
     - o Career Certifications
       - ▪ [Web Development](#)
       - ▪ [Project Management](#)
   - CS Program
     - o [AS Computer Science](#)
     - o Certificates of Achievement
       - ▪ [Computer Programming](#)
       - ▪ [Computer Programming for the Web](#)
       - ▪ [Management Information System](#)
       - ▪ [Red Hat Linux Administration](#)
       - ▪ [Artificial Intelligence](#)
   - Feedback from the Board
     - o What is missing?
     - o What is not necessary?
     - o Would you hire someone with this degree?
     - o For what job?
   - Program Data (Carlos)

8. Cyber Summer Camp Update, 2023 (Jeffery)
   - Successful camp 2 weeks, grades 8-12, 20 students. Covered digital foot printing, Scratch, Networking, Linux
   - Competed with 20 other community colleges and earned 3rd place

Recorded by Jean O'Neil-Opipari

9. Curriculum Changes

- NCIS 211 – Google Career Certificates (Debbie)
  - Career certificate free to students, can export the class to CANVAS
  - Class not a program. May be a 3-unit class in a year
  - Tri-Valley Career clients might be interested

- NCNT Certificate of Completion – Help Desk Specialist (Jeffery) (tabled)

10. Recommendations from the Advisory Board

11. Good of the Order

12. Adjournment, 6:26 pm

13. Tentative Spring Meeting: Tuesday, March 26, 2024, at 4:45 PM

Recorded by Jean O'Neil-Opipari