



LPC Mission Statement

Las Positas College is an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of student's transfer, degree and career-technical goals while promoting lifelong learning.

LPC Planning Priorities

- Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

ET Advisory Board

Karen Fletcher, LHS
Dorothy Morillos, LHS
Rhonda Boykin, Al. Co. WFD
Randy Pico, LLNL
Sue Frieders, LLNL
Ray Souza, LLNL
Bran Martin, LLNL
Bud Chesser, LLNL
Anthony Yuen, LAM
Tri Do, LAM
Carlos Delacruz, LAM
Lloyd Hackel, Curtis Wright
Thomas Orf, LPC
Jen Decker, LPC
Peter Ray, LLNL & LPC
Kristy Woods, LPC
Jean O'Neil-Opipari, LPC
Sarah Holtzclaw

Engineering Technology Advisory Board Meeting Meeting Minutes

October 16, 2023 | 5:30-7:00pm | Room 1687 & Zoom

Agenda Item

- 1. Call to Order - [Link to Slide Deck 5:37](#)**
Randy, Jenny, Jen D, Tom Orf, Krisit V. Beth, Jennie Graham, John Ruiz, David Dutton (MDC Precision), Ray Souza, Karen Fletcher, Rhoda, Karen Fletcher, Sarah H, Lance Crawford (Thermal Press), Sue Swift, Bud Chesser, Lloyd Hackel
- 2. Welcome and Introductions**
- 3. Review and Approval of Agenda**
Moved by Jenny, 2nd by Ray motion carries
- 4. Review and Approval of [Minutes](#), April 12, 2023**
Moved by Jenny, 2nd by Ray, Motions carries
- 5. Acknowledgments**
 - Awarded NNSA Grant
 - Scott PI, Jen co-PI
 - Randy point of contact for LLNL
 - Improve communication with all stakeholders
- 6. Industry Updates**
 - **Internship Status**
 - Feed back from LLNL, feedback to growth sector on student they funded. All students performed and had a good experience. A physics student was disengaged.
 - Both students who were not able to take Welding 10 at LPC taking it at Chabot this semester
 - A student not asked to continue on in internships not a reflection on their work
 - One student even changed major to engineering from physics
 - 2024 not good year economically, but MDC Precision will be interested in LPC students
 - November 30 internship and job fair for high schools at LPC, also career related volunteer opportunities. Deadline to register October 20
 - Middle College ET student
 - Summer 2024
 - LLNL – Target to employ all the Engineering Tech students as interns. Nice to see at least 9 students
 - Other employers
 - MDC – 2 interns this summer, Curtiss -Wright will have 1 internship for transfer student
 - Thermal Press will be interested in summer intern
 - LLNL Internship Interview January 19, 2024
 - **Emerging Trends**

- **Hiring Needs**
- LLNL hires LPC grads in additive manufacturing, had outside experience which was helpful
- General work experience necessary
- Internship 10 week interview, students need desire and good attitude, listen, contribute, plenty of opportunity, self-invest (YouTube videos) get used to using tools
- Hired 200 technologist at LLNL this year
- LPC target school for LLNL, but number of grads low
- What will make our grads viable candidates
- Some of our programs don't allow pursuit of 2 year program, maybe a barrier
- Younger students may be slower to come to technology
- A good technologist helps scientist get the job done
- Advertise engineering tech profile in the community to attract older, career changing population
- Ray – develop a curriculum path with high schools, shop classes in high schools, continuation high school, home schoolers
- Siloing of majors, afraid of poaching of students
- Develop an ET day for homeschoolers and high school
- Randy – alumni are willing to share their stories, coordinate with the supervisors at LLNL
- Ray - Other areas LLNL hire from – Comcast, cable installation
- Identify current students that work at LLNL
- David Dutton – MDC do have Engineering Technologist who are self-taught. They are starting to retire. Handling at the moment challenges. Vacuum Technology understanding critical. Understanding machining and welding also critical.
- Curtiss Wright – if students has Solid Works capability the rest can be taught. Design in Solid Works and 3D print
- LLNL tours early on can be key. Work with Sue and Joanna on regular monthly tours
- Big science sells these careers
- Rhonda – connect with high schools to expose students to opportunities, activities and events to engage parents and youth, tours, break pre-conceptions. Connecting with Veterans Serving organization
- **Training Needs**

7. Program Report

- Enrollments - 36 ET declared majors
- Students need to declare major in order for us to track them
- Degrees & Certificates Awarded
- Spring 2023 8 AS grads, 2 certificate awardees, expect at least 7 graduates in 2024, there should be 7-9 students eligible for

summer internships, 2 full sections of into to engineering, a lot of fluidity in programs

- 22 students attended ET orientation
- 8-12 students have attended ET workshops
- Outreach
- Preview Night, Club Day (LLNL attending), when LLNL signs up for LPC events engineering does not always know
- Jean needs to tell Randy when LLNL is going to be at LPC
- Get alumni profiled in state and national publications
- Growth Sector will help fund incentives to take graduate follow-up survey
- Randy will share publication

8. Recommendations from the Advisory Board

Randy – LPC to consider entering into an articulation agreement with a college like Bakersfield College with industrial automation engineering articulation degree. Path into a bachelor's degree at Community College. 100% graduate placement out of Bakersfield College.

Tom – a bachelors degree can only be offered at CC if there is no similar degree offered, usually technical degree

Talk to Craig Kutil

9. Good of the Order

Randy is point of contact for the NNSA grant
Sue is now point of contact for Engineering Tech
Randy would to significantly

10. Next Regular Meeting:

- Wednesday, April 24, 2024 ~ 5:30 – 7:00 pm

11. Adjournment 6:59PM

Zoom Option:

<https://us06web.zoom.us/j/89250214828?pwd=0yIThvb3UFTWeqkeWj7SeAXsZGFGyW.1>

Meeting ID: 892 5021 4828

Passcode: LPC

