



Engineering Technology Advisory Board Meeting Minutes

October 12, 2021 | 5:00 – 6:30 p.m. | Zoom

Meeting Minutes

LPC Mission Statement

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

LPC Planning Priorities

- ❖ Implement the integration of all ACCJC standards throughout campus structure and processes.
- ❖ 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.
- ❖ Coordinate resources and provide professional development for effective online instruction and remote delivery of student support services and college processes to advance equitable student outcomes.

Engineering Technology Advisory Board

Karen Fletcher, LHS
Rhonda Boykin, Al. Co. WFD
Beth McCormick, LLNL
Randy Pico, LLNL
Sue Frieders, LLNL
Ray Souza, LLNL
Brad Martin, LLNL
Bud Chesser, LLNL
Lloyd Hackel, Curtiss Wright
Nan Ho, LPC
Mark Newton, LPC
Kristy Woods, LPC
Keith Level, LPC
Todd Steffan, LPC
Jen Decker, LPC
John Ruiz
Mark Huffmaster, LAM
Gedarme
Andrew Lozano, LPC
Francisco Yepiz, LLNL

1. Call to Order

2. Welcome and Introductions

3. Review and Approval of Agenda

4. Review and Approval of Minutes, February 25, 2021

- Kristy Woods motioned to approve, Randolph Pico seconded; Motioned Passed

5. Industry Updates

• Training Needs

- **Randolph Pico** shared that new hires/recently graduated students will be expected to know and be able to follow company-specific industry standards.
- **Mark Huffmaster** – “technicians” expected to troubleshoot and repair, not everyone coming in as a “technician” has the knowledge of how to do these things which is frustrating. Electronic Technician courses/programs would be helpful for students to take, and be familiar with.
- **Summary:** Troubleshooting and repair, problem solving, electrical safety, basic electronics, design standards (knowing and following)
- **Beth McCormick** – we are investing money in emotional intelligence training; some individuals are not transitioning into the corporate world appropriately in terms of soft skills.
- **Brad Martin** – I’d rather have students focus on curriculum, then when brought in as interns they will get training at our facility for safety, running machinery.

• Hiring Needs (short and long term)

- **Lloyd Hackel** – We need individuals good with modeling.
- **Brad Martin** – I need individuals that meet everything from entry level to senior level requirements in positions such as mechanical technologists, electronics technologists, and designers. 10-15 MAC techs, and 20-25 designers.

• Emerging Trends

- **Rhonda Boykin** shared that 21st century soft skills, and emotional intelligence are important skills to have.

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- **Internship Status**
 - **Beth McCormick** shared that due to COVID-19, interns were difficult to bring on.

6. Program Report

- **Enrollments**
 - 59 students enrolled in engineering technology programs/courses
- **Completion/Success Rates**
 - 61 total engineering technology graduates
- **Program Review**
 - Reviewed the [program map](#) for Engineering Technology AS
 - Shared updated course offerings for 2022
 - Welding 63, Welding 10, Welding 79
- **LLNL/LPC Summer Internship**
 - **Mark Newton** shared a presentation about the LLNL/LPC Summer Internship.
 - 6 LPC students were hired by LLNL for the internship; two of which worked on site and later were offered positions at LLNL and the other 4 students completed a project using LabView with one being offered a position a LLNL and the other three transferring to a four-year.
- **Vacuum Technology Workshop**
 - Nan shared that we are working on developing this further and hopefully will have it available by Spring 2022. We will have more information soon.

7. Recommendations from Advisory Board

- *None at this time*

8. Good of the Order

- We are not producing enough graduates.

9. Next Regular Meeting: TBD

10. Adjournment