

### LPC Mission Statement

Las Positas College is an inclusive, learningcentered, 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 MINUTES

September 21, 2020 | Zoom

#### **Meeting Minutes**

- 1. Call to Order
- 2. Review and Approval of Agenda
- 3. Review and Approval of Minutes

## 4. Industry

- Beth Hiring almost back to normal at LLNL
- Ray Internships missing something. Approach things differently.
- Brad 30 hires since beginning of 2020, bulk of hires are existing employees or in industry. Preparing job posting for summer interns. COVID caused set back
- Randy Around September 1, transitioned North Win, major master sub-contractor. Hiring has not slowed down. Have started people who have never been on site. People who converted are doing well. Don't know when interns will be able to be at LLNL.
- Beth are allowing some interns to come in. Looking to hire 1 or 2 LPC students work in the next month. Can't give priority to new hires over internal

Brad – shift in rolls (DTED) changes based on work demands (Brad is now Heath and Design Draft, Paul Rocha, is 131 hi bay, larger program roll. Kevin Mahoney site 300 and XXX

Nan – what will next Summer internships look like?

Randy – Let Randy know about any graduates as soon as they graduate

Ray – been effective interviewing through Zoom

Beth – early now, but may be virtual next summer, look at low numbers of interns, look at best practices

Nan – LPC does have some classes on campus. Would there be a possibility that internships could be done at LPC?

Brad – May have virtual opportunity in design area. Still want to have students on site, low number.

Ray – students with a good background in AutoCAD may have remote opportunity. Vacuum tech through Normandale, video, workstation, not sure where they are with that (Externship) Think about this.

Randy – teach GD&T before internship

Kurtis – GD&T would have helped before going to the lab Marylou – GD&T would be great to tack on if possible. The more hands on work the better

Nan – How many hours?

Brad – GD &T 16 hours total in 4-hour increments, good skill set, for resume

Nan- CC needs to be faster to respond to industry needs, some type of fast tracking for some classes with WFD. Could be free to students

Kristy – link to career exploration

Nan – real potential, may not want to add to degree, but Noncredit. Generate class quickly.

Randy – tribes are remote, give access to remote classes

Nan - 2 courses can be a certificate

Keith – challenge to teach students engineering drawing skills virtually. Do expose students to control train?

Randy – if we cannot do internships that they may use a classroom at LPC to teach skills

Brad – get students into internship program. If we have to do that by having design drafting interns assigned LLLNL laptop.

Question what population of student would

Keith – roll out as non-credit initially and then see if it should be enrolled in degree. Downside is students currently don't have exposure to anything.

## 5. Faculty

- Keith doing things that he used to do face to face at home and then sharing on zoom. Other issues (employment, etc.) effecting students. Check in with students more often.
- Kristy A lot of students have needed services at a higher rate (fires, unemployment, unable to share screens, taking care of other people) resolve to make semester a success, grit. Need to be more flexible with due date, not rigor. Need to justify late work, encouraged by what I've seen this semester.
- Jean and Todd go over calling students and connecting with students. Students inundated with email, information overload. Great to hear from LLNL about students having soft skills. Excited about President Foster, excited to get him to tour the lab.
- Randy Brad and Ray and peers what's going to happen with grades?
- Kristy will still have grades and rigor. Assessments happening at home. Professors are careful in how they assess to make sure students understand the material. Will still have an XW/D up to the last week of the semester, will take class off the transcript. Transfer level classes can't be used for transfer without an A, B, C grade (can't use P/NP). Students who could have passed withdrew to ensure that they can get a high grade.
- Randy at some point if a student is about ready to graduate, there needs contingent on graduation (pass no pass has no bearing. (aren't as worried about grades.
- Todd student who took Eng 50, glad she is in class.
- Keith Mark teaching Eng 50 for first time virtually. Developing kits. Availability equipment difficult because of nationwide demand. Eng 50 develop into popular class.

- Randy curious about name of kits, Mark buying components and making kits
- Nan Mark got 10 oscilloscopes from the Lab (loaned)
- Keith Mark finding creative solutions. Difficult to teach circuits by distance.
- Spring Only essentials classes will be in person
- Eng transfer developed many Engineering transfer pathways that are new this semester.
- Jen AS and certificates. Make sure students understands what will work for transfer. Helps students learn what to take when.
- Beth partnership with UC Merced
- Nan- UC Merced interested in developing pathways, lot of opportunity for students, especially in STEM. Lot of conversations to be had
- Sarah will classes be offered in the Tri Valley?
- Nan- by next advisory board will have more info. Will need input from the employers, what cool things are you doing Sarah
- Sarah were able to turn on a dime, just now getting unemployed people who are running out of benefit. Virtual hiring fairs, new platform. Resume review. New relationship with Bay Area Community Energy. Used ET program for public/private partnership. Move residential energy from gas to more sustainable. Just at infancy. 61% of unemployed are looking to change careers

Follow up

Randy - Sandia may have more opportunity than LLNL, wants to engage in ET program. Local wants to engage.

## 5. Recommendation from Advisory

Ray – course is a lot, if you don't use it you lose it. If you get into reading mechanical drawing beneficial. Dry content. Not an interesting course.

- Randy LLNL will pay students to take the course
- Keith good idea, best to be taught by someone from the Lab, students' exposure is limited.
- Kurtis GD &T pretty important, especially when trying to interpret drawings, great tool for students to learn
- Marylou agree, even if they don't get it the first time they need to revisit.
- Randy- if cannot do in person internship at LLNL, are there other things that would be enriching to students?
- Marylou getting students started is important. GD &T is only thing she can think of now.
- Ray Talk to folks that teach class to make class a little more interactive. Right now, pure lecture, but if we can change it to be more interactive. May not need to go to level of rigor that the class is now. Class is for folks who are already working. Making course more interactive might be interesting to current instructors.

Date of Meeting | Time | Room

- Marylou good idea to offer opportunity, show how important subject matter is
- Kristy If we can split class into a sequence with built in interaction time
- Nan- we should look into to pursue. Recommend where this might go. Don't put pressure to create something.
- Jen Even if we spread subject matter over the entire summer may still be beneficial even if we were not in COVID.
- Nan consensus to
- Keith further discussion warranted, creative use of time
- 6. Adjournment
- 7. Next Regular Meeting: February 25, 2021, 5:00

Date of Meeting | Time | Room