1. **What is Transfer Bridge?**
   The Transfer Bridge to UCLA Samueli Engineering is a 3 week summer bridge program hosted by the Engineering Transfer Student Center at the UCLA Henry Samueli School of Engineering & Applied Science (HSSEAS). This program provides an opportunity for transfer students enrolling at UCLA Engineering in the fall to build a solid foundation designed to maximize the potential for 1st year transfer success. There are several components of Transfer Bridge, listed here:
   
a) **Classroom experience** – Feedback from our transfer students suggest a steep learning curve in adjusting to the rigor of the UCLA Engineering classroom. The classroom experience is designed to provide participants with an exposure to the expectations of a quarter system, the rigor of competing with other high-performing students, and the opportunity to test your content and learning skills. Our faculty have identified content areas that would help classroom performance of our transfer students in year one. This includes concepts from our CS 31 and 32 courses for our CS, CE, and CSE students; and MAE M20 and CEE M20 for everyone else. A particular focus will be utilizing skills to solve engineering problems. The summer bridge will challenge our participants to use these newly acquired skills to work on a technical project (see below).
   Participants will learn content, be challenged with practice problems that utilize these skills to solve engineering problems, and take practice exams. This experience will provide you with an opportunity to adjust your study strategies and test your performance before it counts, get a jump-start on course content, and identify study partners you might leverage in your first year.

b) **2 day Hack Technical Project** – Engineering is an applied science and all about solving problems. Participants will have an opportunity to get their hands-dirty on a technical project that requires use of the skills learned in the intensive classroom experience component of our program. Bridgers will work on a technical project with fellow participants and current UCLA Engineering students. Through the program we will help you to learn some design skills which you will utilize in the culminating 2 day Technical Hack competition. These applied learning opportunities are vital to the value of your engineering degree and plays an important role in increasing the likelihood of landing the first internship and/or job after graduation. Students will learn about the plethora of opportunities to get involved in design and meet some of the UCLA students who are already participating.

c) **Residential Experience & Networking Opportunities** – all Transfer Bridge participants will stay in the UCLA dorms through the duration of the program. This is to allow you time to focus on the program and to allow you an opportunity to get to know your transfer peers and campus. Evening and occasional weekend activities will be planned for participants.

d) **Academic Year Support** – Transfer Bridgers will continue their experience through the first year as a transfer student. Tutoring support, study tables, and Transfer Bridge quarterly gatherings will be scheduled for those that complete the summer Transfer Bridge program.

e) **Transfer success** – Sound like a lot? It is. Being a UCLA Samueli Engineering student comes with a lot of opportunities and, along with it, expectations. The Transfer Bridge Program is designed to help you navigate it all. One of the best ways to increase the probability of your success is to know what to expect. Participants will hear testimony from current engineering transfer students and learn about key dates and opportunities in the School that will maximize the value of the UCLA Engineering experience!

2. **What is the Transfer Bridge schedule and what will I be doing on a daily basis?**
   Transfer Bridge to UCLA Samueli Engineering begins on Wednesday, September 3, 2019 (after the Labor Day holiday) and runs M – F through September 21, 2019 (just before fall courses begin). Here is an example of a day at Transfer Bridge (subject to change):

   - 9:00 – 11:00 AM | Morning Class
   - 11:00 – 12:00 | Group Work & Study Tables
   - 12:00 - 1:15 PM | Lunch/lunch workshop (all group)
   - 1:15 - 3:15 PM | Afternoon Class
   - 3:15 - 4:15 PM | Group Work & Study Tables
Actual schedule will vary depending on progress and when exams are scheduled. It is likely that classroom learning time will be more at the beginning of the program and less toward the end to allow participants to concentrate on their design project. There will be occasional evening and weekend events throughout the program.

3. **Who should apply to Transfer Bridge?**
Transfer students have a shortened 2–3 years to demonstrate mastery of the skills taught in the classroom and gain vital experiences that impact their competitiveness for employment or acceptance into a graduate program. Newly admitted engineering transfer students interested in maximizing the potential of first year success and accelerating access to the opportunities that UCLA Engineering can offer should apply.

You MUST be a newly admitted UCLA Samueli Engineering transfer students who is enrolling in fall quarter 2019 to apply. Please note that this opportunity is available only to the first 50 applicants.

4. **Is Transfer Bridge a selective program?**
Yes. Transfer Bridge is an opportunity for students wanting to maximize their experience and the value of their education at UCLA Samueli Engineering. We are looking for applicants who are committed to that mission.

5. **What content will be covered at Transfer Bridge?**
Transfer Bridge will focus on programming and math. Content in programming will offer an opportunity for advanced learning of content designed to improve performance in either C++ (CS32, 33 series courses) or Matlab (MAE M20 or CEE M20 courses). As a part of your experience, you will also utilize your math, science, and engineering skills to solve engineering problems. Having a solid foundation in these topics is vital to performance in more advanced engineering courses. Our faculty have identified key topics within each of these areas that our transfer students will benefit from.

6. **Will I get course credit for Transfer Bridge?**
No. The experience is designed to cover a few components from courses that we feel will help increase your performance in engineering courses.

7. **Can I attend a portion of the day/program?**
No. Participants are expected to attend through the full duration of the program. You will be placed into small group teams. The success of your team is highly dependent on continued momentum through the duration of the program. Missing team-members will not only greatly affect the experience for fellow Bridgers but also the overall success of your technical project. It is expected that participants are attending daily (and on-time) for the duration of the program. Requests for missed days will be denied and you run the risk of being dismissed from the program.

8. **How much does the program cost?**
In 2019, Transfer Bridge to UCLA Samueli is supported by the School and external funding sources. Participants will NOT be charged a tuition to attend. Bridgers are expected to cover expenses associated to your living (beyond the provided UCLA Housing) and meals (aside from those provided). A deposit of $100 (made in personal check) must be submitted after being admitted to hold your spot. The funds will be returned upon completion of the program. Those who are dismissed from the program will not get their deposit back.

9. **Does Transfer Bridge offer housing/ housing arrangements?**
Yes! If you are selected, you are expected to live in a UCLA Housing facility (triple occupancy) through the duration of the program. Two dining-hall meals are covered as a part of your housing.

10. **Are there any parking options for commuters?**
Unfortunately, parking is NOT included. Please contact UCLA Parking for information on parking through the program.
11. **Tell me more about the stipend.**
   To remove barriers to participate, all participants will receive a $1450 stipend that will be awarded in 5 installments. Bridgers will receive $500 at the start and $500 at the end of the summer Bridge program, and $150 each quarter (fall, winter, spring) for following through with academic year activities.

12. **Can I work or take classes during Transfer Bridge?**
   No. Participants will sign a contract indicating their agreement that they will NOT have any other obligations that conflict with the Transfer Bridge program.

13. **Will I have homework?**
    The amount of homework will be minimal. While there could be some tasks to complete at home; regular homework is not anticipated. The bulk of work will be handled during the day.

14. **What is the application process?**
    Applicants must complete the online application by June 7, 2019. Applicants who receive an award letter to participate and must submit their registration forms, contract, final transcripts and $100 deposit to hold their spot.

15. **What happens if I decide NOT to attend after submitting my deposit? Can I get a refund?**
    No. You will NOT get a refund of your deposit unless you complete the program.

16. **Do I need any specific equipment or supplies?**
    We request Bridgers bring their own laptop (if you have one), writing utensil (pen or pencil), a cell phone, and closed-toed shoes. We also highly recommend participants bring a scientific calculator (if they have one). All other supplies will be provided.

17. **When will I know if I am accepted into the program?**
    Participants will be notified on a rolling basis after reviews of applications begin following the application deadline.

22. **What is the 2 Day Hack look like?**
    Similar to Hack-a-thon competitions, participants will have 2 days of intensive work to prepare their prototype or system for final competition. Unlike traditional hack-a-thons, we plan to incorporate hardware in the competition. At this time, participants will have access to design tools to build, test, and iterate. The Hack will culminate in friendly competition of your final projects.

24. **Will I sleep during the 2 Day Hack?**
    We think you should; although, this is entirely up to you. Participants are required to physically be at Bridge during the day. Teams can choose to continue group work into the evening or assign independent work that allows participants to return to the dorms in the evening. Bridge facilities will close later in the evening. Hours will be announced at the start of the program.

27. **How is Transfer Bridge to UCLA Samueli Engineering different from other bridge programs?**
    Transfer Bridge is the only program specifically tailored for the engineering transfer student community. Events and activities have been designed for the engineering transfer student and participants will all be incoming engineering transfer students.

For questions not addressed in this document, please contact Wes Uehara, Transfer Bridge to UCLA Samueli Engineering Program Director at wuehara@seas.ucla.edu.