Engineering Leadership Professional Program

UC Berkeley's Engineering Leadership Professional Program (ELPP) is a 4 1/2-month program providing the professional development and specific skills to turn top-performing engineering managers and technical leaders into true enterprise leaders.

DATE
January 17, 2018
4 1/2-months, 23 weekly
3hr evening sessions

LOCATION
Hyatt House San Jose

PROFILE
Technology Leaders
Technology Managers
Engineering Executives

LECTURERS
Ikhlaq Sidhu, Ph.D
(Additional UC Berkeley Faculty and Industry Leaders listed on the back page)

FEES
$14,300

REGISTER
exec-ed.berkeley.edu

PROGRAM SUMMARY

Through pedagogy, we have proposed a method to transform the existing engineering mindset into engineering leadership. A summary of the skill transformation is as follows:

- Better judgment on what technology development shall manifest into business opportunity.
- Refined communication skills to influence an organization and people.
- Increased leadership ability to develop high team performance.
- Operational and financial skills needed to execute decisions effectively.

Though a systemic project-oriented process, the overall result is professional development of the engineering leader as well as creation of a library of engineering leadership insights that can be shared with a global community.

WHO SHOULD ATTEND

- Candidates are often recommended by the executive leadership within their firms.
- Firms may contact the program to establish an institutional relationship.
- Candidate may also apply directly, approximately 20% of seats are reserved for independent candidates.

PROGRAM TOPICS

- Influencing top-level strategy as a technical leader or senior manager.

- Understanding the implications of today's changing technology opportunities ranging from Internet services, electronic currency, wearable computing, semiconductor advancements, Internet of Things, EVs, 3D Printing, and healthcare service topics.

KEY TAKEAWAYS

The ELPP program enables technical experts and senior engineering managers to expertly manage and lead technical teams, develop judgment and skills in opportunity recognition, product management, and financial operations from the perspective of a CFO and enhance the value derived from R&D and technical operations. At the completion of this course, participants will be able to contribute more effectively and at higher levels within the firm, exchanging best practices and joining a powerful engineering leadership network with colleagues from firms including Google, Yahoo!, Samsung, VMware, Lam Research, SanDisk, NetApp, Qualcomm, Cisco and Applied Materials.

LEAD INSTRUCTOR

Ikhlaq Sidhu, Ph.D

Chief Scientist & Founding Director, Pantas and Ting Sutardja Center for Entrepreneurship & Technology

Engineering Leadership Professional Program

FEATURED FACULTY AND GUEST SPEAKERS

Steve Blank
Author, Berkeley and Stanford Faculty

Marc Tarpenning
Co-Founder, Tesla

Curtis Carlson
Former CEO, SRI

Inder Sidhu
Former SVP, Cisco Systems

Charles Huang
Co-Founder, Guitar Hero

Jerry Fiddler
Founder and CEO, WindRiver

Margret Schmidt
Chief Design Officer, TiVo

Charlie Giancarlo
Former Chief Product Officer, Cisco

Suneel Udpa, Ph.D
Accounting, Haas School of Business, UC Berkeley

Ram Krishnan
VP Operations, InvenSense;
VP/GM Agilent FOPD

Holly Schroth, Ph.D
Social Psychology, Haas School of Business, UC Berkeley
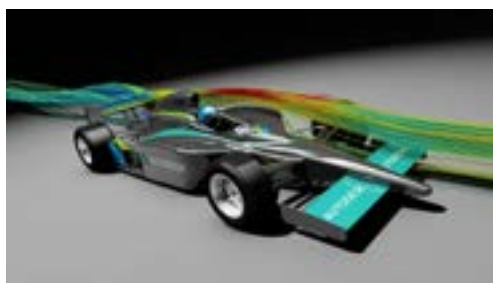
Don Proctor
EVP, Cisco Systems

Cosmos Nicolaou
VP Engineering, Google

Cort Worthington
Haas Organization Behaviour Group

WHAT PARTICIPANTS SAY ABOUT THIS PROGRAM

"I loved the class, especially the accounting sessions....It was quite an eye opening class, ...The case studies were simply awesome, and the mix of people attending the class was excellent...That generated diverse views over the same problems and made the group exercises (and assignments) a learning and discovery experience. Simply awesome! Thank you!"

– Principal Engineer, Google

"I specifically enjoyed working on the group project...opportunity to work on something out of my direct field of expertise with a group highly intelligent and motivated people was invaluable. Each session added a new tool to my toolbox..."

– Sr. R&D Manager, VMware

PROGRAM DATES: 2018

JANUARY
17 / Wednesday
22 / Monday
29 / Monday

FEBRUARY
5 / Monday
12 / Monday
21 / Wednesday*
26 / Monday

MARCH
5 / Monday
12 / Monday
19 / Monday
26 / Monday

APRIL
2 / Monday
9 / Monday
16 / Monday
23 / Monday
30 / Monday

MAY
7 / Monday
14 / Monday
21 / Monday
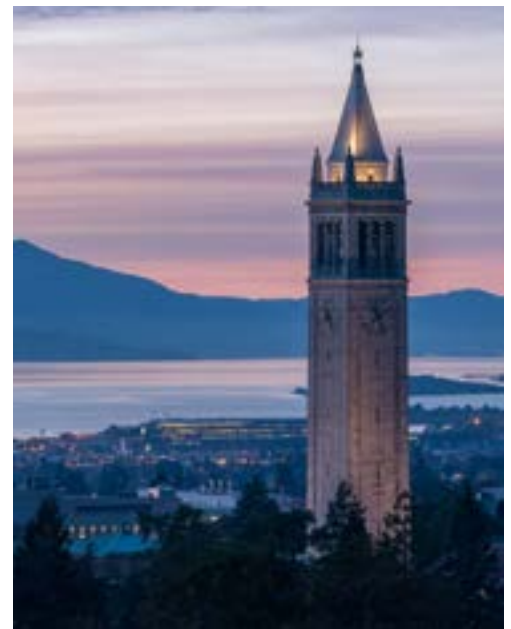**30 /** Wednesday*

JUNE
4 / Monday
11 / Monday
18 / Monday

Classes held the following Wednesday due to listed Holidays:
* (President's Day is Monday 2/19)
* (Memorial Day is Monday 5/28)

TAKING LEADERS TO THE NEXT LEVEL

UC Berkeley Engineering Executive & Professional Education prepares engineering and technical professionals for leadership roles by cultivating expertise and skills in technology and leadership.

THE UC BERKELEY ENGINEERING DISTINCTION

Recognized as one of the world's top three engineering schools, we understand engineers and what they face as they move into leadership roles in global environments. We bring the perspective of a faculty of thought leaders - engineers who are creating tomorrow's knowledge today - who have real-world industrial experience as entrepreneurs, heads of Research and Development, and consultants to industry.

All of our programs incorporate these strengths as the basis of design and delivery so that our program graduates are well-versed in how to fill global engineering roles. We recognize the tremendous strengths and skills that engineers and scientists have developed through their education and experience. Engineers are adept at mastering complex systems and making decisions in the most challenging technological situations. We teach them how to apply these skills to global business and organizational situations and challenges.

Berkeley
ENGINEERING
EXECUTIVE & PROFESSIONAL EDUCATION