CAPSTONE PROJECT SUMMARY

The 9-month capstone experience will challenge you to integrate your technical and leadership skills to innovate in a dynamic, results-driven environment. Working on a team of 3 to 6 students over the course of the fall and spring semesters (5 units) you will engineer solutions using cutting edge technology and methods to address crucial industry, market or societal needs.

Berkeley faculty, academic, and industry partners propose capstone projects and serve as technical advisors for the project teams. Students apply for their top three projects during Capstone Info Fair & Marketplace in August.*

*Please note that the process differs for EECS & FinTech

CAPSTONE CURRICULUM INTEGRATION

Capstone projects form the core of an integrated curriculum. Engineering Leadership (E270 series) courses provide skills necessary to engage specific industry, social, and/or economic contexts and formulate R&D, finance, and/or marketing strategy. Communications (E295) workshops support students as they reach out to a variety of stakeholders crucial to their project’s success. Teaming and Project Management (E270C & E270K) instructors support teams as they develop their teaming & project management skills.

CAPSTONE DELIVERABLES

Each capstone team has three sets of deliverables. Project-specific or technical deliverables are determined in consultation with the capstone advising team and vary based on the project. In the past, these included: product prototypes, algorithms, conceptual designs, software code, and proof-of-concept. Reporting deliverables are shared by the MEng cohort; these include the final report, capstone showcase, and promotional materials. Teaming & project management deliverables are also shared by the MEng cohort; these include a team charter, a project plan, project & team health assessments, etc.

2020-2021 CAPSTONE PROJECTS: PARTIAL PREVIEW

We have started soliciting Capstone Project proposals from faculty and industry partners for next year. A preview of next year’s proposals will be posted on the new admit website in April. Due to the experiential nature of the capstone program, project titles are tentative. Full proposals will be released in the summer. (*Note that the process differs for EECS and FinTech).