

# FIRST@Berkeley Business Plan

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## Mission Statement

FIRST@Berkeley (F@B) is an organization at UC Berkeley that aims to promote STEM in the East Bay and support East Bay FIRST teams. The objective of the FIRST Robotics Competition is to build a robot over the course of six weeks and send it into competition. Many UC Berkeley students were a part of FIRST programs before college, and F@B aims to connect their collective knowledge and skills with local teams. F@B holds workshops on campus and at local schools, and connects mentors with the teams most in need. Additionally, F@B applies for industry grants to connect local teams with the funding they need.

## What is FIRST?

TODO: Explain what FIRST is. Include impact studies form [firstinspires.org](http://firstinspires.org).

## FIRST In The East Bay

Despite the wealth of knowledge available in the area (particularly in the technology industry and at universities), FIRST teams in the East Bay have struggled competitively. Out of all the teams in the East Bay, only a single team managed to make it to the playoffs stage of competition this year. We believe that being a part of a competitively competent team is more inspiring for students, and the first step is connect local teams with technology experts willing to mentor them.

## Initial Target Schools

- Berkeley High School – Our mentors have a strong existing relationship with Berkeley High’s team and we intend to maintain it through a flagship program.
- Richmond High School – Richmond has an established program, but are currently seeking new mentors.
- Albany High School – Albany intends to start a FIRST team in late 2017, and are actively looking for mentors to support themselves

## Flagship Team

Due to UC Berkeley's proximity to Berkeley High School (BHS), BHS is partnered with F@B as a flagship team. BHS students work on campus at UC Berkeley in direct contact with F@B mentors in order to build their robot. Several BHS FIRST alumni are now enrolled at UC Berkeley, and this partnership will be mutually beneficial to both schools.

## Action Items

In order to realize our goals for F@B, there are several actions we must take:

- 1) Our organization already has several UC students involved in the BHS program. However, in order to expand to other East Bay schools and ensure the continued existence of the program we must begin recruiting more mentors.
- 2) In order to sustain our partnership with BHS, we must find a suitable space on campus for UC and BHS students to meet and work together.

Our ideal workspace:

- a) Is at least 20 by 30 feet in size (preferably larger) with a covered roof.
- b) Supports three-phase 240-volt power.
- c) Can be regularly accessed by F@B mentors.