Mobile Apps $450,000

Overview
The Mobile Apps proposal will target labor market of mobile-based technology and mobile digital space, which comprise of some highly visible employers such as Google, Apple, Facebook, Twitter, Samsung, IBM, Oracle, Intel, Ubuntu, etc. with jobs titles of Mobile Developer/Engineer, Android/iOS Developer, Mobile Web Developer, etc. (job search data from indeed.com, glassdoors.com, simplyhired.com, monster.com, careerbuilder.com, jobvite.com). Also, the actual job search (see attached PDFs) would also indicate employers from small/startups (e.g., 3D Robotics, Expect Labs, SKULLY, etc.) to well-known retailer/advertisers (e.g., Macy, Yelp, etc.) having job openings in the indicated job positions of above – Android, iOS, HTML5/JavaScript skill sets.

With the proposal, the Mobile Apps consortium is established to provide opportunities for regional collaboration between faculty and industry through an Industry Mobile Apps Development Leadership Team, which has and will have the participants from the industry and government (such as Google, Apple, IBM, Samsung, Phase Space, Department of Industry Relations, etc.). The consortium will continue to offer a platform for discussion, exchange of information & work flow, and facilitating a more fluid and coordinated activities in curriculum alignment and development specifically with

- Multi-college collaboration on curriculum development and course alignment
- Coordinated faculty professional development and training with industry guidance, currency, and relevance
- Opportunities for developing and maintaining industry relationships and partnerships
- Funds to purchase or upgrade the equipment and tools such as smart devices, secured storage facility, software (for project management)
- A platform for future collaborative grant searches and applications

The proposed project will help faculty keep pace with a fast-moving industry by prioritizing the following activities:

- Building a multi-college Mobile Apps Consortium with the support from an Industry Mobile Apps Development Leadership Team (in collaboration with our ICT DSN’s);

Industry Sector

Lead College
Laney College

Number of Colleges: 14

Participating Colleges
Berkeley City College
Cabrillo College
City College of San Francisco
College of Alameda
College of San Mateo
Diablo Valley College
Evergreen Valley College
Laney College
Las Positas College
Los Medanos College
Merritt College
Mission College
Monterey Peninsula College
Solano College

- Engaging industry to advise, help develop and continuously refine relevant curriculum and programs;
- Working collaboratively across colleges to develop new Mobile Apps curriculum;
- Providing more efficient professional development opportunities for faculty by aggregating (coordinating) the need for them across the region and increasing the number of externships for faculty via scaled industry engagement. Software engineers from industry could teach groups of faculty to make use of their time more efficiently;
- Organizing "Student Days/Fairs" to show case the work of our students with Industry participation and support;
- Proving that the Consortium is an effective, results-oriented partner with industry such that industry would be interested in sustaining it over time.