



## MESA Community College Program (MCCP)

The MCCP provides science, technology, engineering and math (STEM) academic development to educationally disadvantaged community college students so they will excel academically and transfer to four-year institutions in calculus-based majors. This support is especially crucial to students who come from low-performing high schools. The MCCP is a partnership between MESA and the California Community Colleges Chancellor's Office. A Hewlett-Packard initiative has replicated the MESA community college model in many other states.

Main components of the MCCP include:

- **Academic excellence workshops.** Students are scheduled in the same core math and science classes and taught how to successfully master complex technical ideas and principles through a collaborative approach.
- **Orientation course.** New students learn skills to excel as math, science and engineering majors.
- **Academic advising/counseling.** Students receive individualized academic guidance and develop multi-year plans so they can take courses in the most effective sequence and transfer in a timely manner.
- **Student study center.** This dedicated multipurpose space is the hub for study, workshops, special activities and information sharing. It is a key element in building a close learning community.
- **Assistance in the transfer process.** MESA provides counseling, workshops and visits to four-year universities.
- **Career advising.** Students are exposed to various math, engineering and science career options through industry mentors, field trips, job shadowing, career fairs and internship opportunities.
- **Links with student and professional organizations.** These resources provide mentors, guest speakers and tours of companies.
- **Professional development.** Through workshops and mock job fairs, students learn about corporate culture, improve their resume writing and interviewing skills and are offered opportunities for part-time, full-time and summer employment related to their majors.
- **Industry Advisory Board.** Corporate representatives, including MESA alumni, participate on advisory boards at centers to provide strategic planning assistance, scholarships, summer internships, field trips and other resources. The board is a valuable connection between the students and companies that recognize MESA's success in helping to develop the technical professionals they need.

7/11