

Org-Type	Higher-Education-based		
Lead	College of Engineering Program, Cal Poly Pomona	PoC	Milton Randle, Director
PoC-Phone	909.869.2482	PoC-Email	mrandle@csupomona.edu
Address	3801 West Temple Avenue, Pomona, CA 91786		
URL			
Service-Region	Nationwide		
Type	Student Program		
Subjects	Computer Science Engineering		
Level	Undergraduate		
Other-Objectives			
Served-per-Year	500	Demographics	Women American Indian Asian and/or Pacific Islander Black or African American Hispanic or Latino Economically disadvantaged
Content	<p>Established in 1983, the Maximizing Engineering Potential (MEP) program at California State Polytechnic University (Cal Poly Pomona) is a retention and academic enhancement program for students in Engineering and Computer Science. It is the largest program in the state of California and has a long and successful record of graduating students and placing them in industry. Its purpose is to increase the number and diversity of students graduating in technical disciplines. This purpose is accomplished by implementing four specific support strategies: Building a collaborative learning community among students with similar career goals. Constructing the bridges necessary to establish productive relationship between faculty, students and alumni. Expecting excellent performance. Effectively communicating support for the students' success in the university and from industry partners. The program has eleven specific service components designed to support student achievement, as well as assist in students' personal and professional development. These service components include: pre-enrollment services, a summer transition program, orientation courses, academic excellence workshops, academic advisement, student professional development activities, study centers, summer and part-time job information, scholarships and incentive grants, student organizations, and direct linkages to industry and company representatives.</p>		
Outcomes	To increase the numbers of underrepresented students who enroll and graduate competitively in engineering and computer science.		
Started		Funded-Through	
Length	Ongoing	Cost	
Primary-Funding	Foundation Academia	Primary-\$	
Materials			
Other-Funding			
How-Assessed			
Best-Practice-Why	<p>Yes. The MEP at Cal Poly Pomona is the largest producer of under-represented minority engineers in California. Cal Poly Pomona ranks number five in the nation in the enrollment of Hispanic engineering students and number seven in Hispanic engineering graduates. Source: Engineering &amp; Technology Enrollments and Degrees, Fall 2005-Engineering Workforce Commission of the American Association of Engineering Societies, Inc.</p>		
Promising-Practice			
Sponsor		Sponsor-Org	
Sponsor-Phone		Sponsor-Email	
Other-Orgs	<p>CSU Fresno, Fullerton, Long Beach, Northridge, Los Angeles, Sacramento, San Diego, San Luis Obispo, San Francisco, San Jose, Chico UC Berkeley, Davis, Irvine, Los Angeles, Santa Barbara, Santa Cruz The National Association of Multicultural Engineering Program Advocates (NAMEPA) Society of Hispanic Professional Engineers (SHPE) National Society of Black Engineers (NSBE) Hispanic Engineering National Achievement Awards Conference (HENAAC) National Action Council for Minorities in Engineering, Inc. (NACME) Women in Engineering Programs and Advocates Network (WEPAN) American Indian Science and Engineering Society (AISES) Mathematics, Engineering Science Achievement (MESA) Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) Mexican American Engineering Society (MAES) Southeastern Consortium for Minorities in Engineering (SECME) The National Consortium for Graduate Degrees for Minorities in Engineering and Science, Inc. GEM)</p>		