



# ***CHANNEL ISLANDS SECTION***

*Serving the Mechanical Engineers of Ventura & Santa Barbara Counties*

***ASME Meeting and Presentation  
Thursday, May 29, 2014, 6:00pm-7:30pm***

***Tour of  
Dos Pueblos Engineering Academy (DPEA)  
Goleta, CA***

<http://dpengineering.org/>

The Dos Pueblos Engineering Academy (DPEA) is a four-year academic program that gives students a project-based approach to learning. The DPEA strives to create a balance between educational theory and application. Graduating students have the confidence to apply the knowledge and skills that they acquire to be successful in whatever field they choose to pursue. Students who graduate from the program have many opportunities to participate in internships and research in both academia and industry while they attend college.

In the beginning, Dos Pueblos High School (DPHS), in a collaboration with UCSB, Santa Barbara City College (SBCC), and local industry partners who determined that the community would benefit from the presence of an engineering program designed for students at a secondary level. The staff at DPHS decided that the most effective way to implement this program would be with the support of a Specialized Secondary Program Grant offered through the California Department of Education (CDE). DPHS applied for and received a four-year grant from the CDE, consisting of one planning year and three implementation years. The DPEA offered its initial course during the 2002-2003 academic school year with the introduction of Engineering 1 and Computer Science 1. Additional courses and engineering emphases were added throughout the life of the grant, and the fully implemented the program in its current form during the 2005-2006 school year when the Capstone senior-level Regional Occupation Program (ROP) Robotics course was added.

[DPEA Team 1717 competed in the FIRST Robotics World Championship held in St Louis, April 24-27, 2014](#)

Agenda For Thursday evening, May 29,2014:

- 6:00-6:05pm, ASME Check-In in ECEE Parking Lot (ECEE=Elings Center For Engineering Education)
- 6:05-6:15pm, DPEA Overview Tour (ECEE)
- 6:15-6:35pm, DPEAM Foundation Presentation (Conference Room)
- 6:35-7:05pm, DPEA Program Overview by Academy Directory Amir Abo-Shaeer (Conference Room)
- 7:05-7:15pm, Team 1717 Robot Demo (in Machine Shop-Pizza will be served)
- 7:15-7:30pm, Student Panel Discussion (in Machine Shop)

**WHERE** Dos Pueblos Engineering Academy, 7266 Alameda Avenue, Goleta, CA 93117

**COST** Free pizza and drinks! Provided by ASME Channel Islands.

**RSVP** **RSVP Required.** Email Dennis Horwitz at [asmechannelislands@gmail.com](mailto:asmechannelislands@gmail.com)

**DIRECTIONS:**

- Distance: 68 miles from Thousand Oaks, 46 miles from Ventura, 24 miles from Carpinteria and 13 miles from downtown Santa Barbara
- Take 101 North, take the Glen Annie Road exist toward Storke Road
- Turn right onto Glen Annie Road, Turn left onto Cathedral Oaks Road, Turn left at Alameda
- Go past DPHS main entrance and take 1st left into ECEE parking lot

