

Career Development - ROP  
Manufacturing Advisory Committee Meeting Minutes  
Petaluma High School  
Wednesday, December 16, 2009  
4:00 – 5:30 p.m.

**Members Present:**

Hugh Cambra, Coast Tool Co.; Michael Caruana, Mechanical Eng.; Dick Herman, President, Santa Rosa Manufacturing.com; Bruce Herschler, Metals Volunteer; Richard Hunt, Datum Technologies Inc.; Grant Kerb, Precision; Lee McCann, Metal Shop Volunteer; Butch Palmgren, NTMA Member; Jerry Smith, Agilent; Patricia Biagi, ROP/SCOE; Stephen Jackson, ROP/SCOE; Mark Lea, Teacher, Sonoma Valley High; Ellen Lewis, Petaluma City School District; Dan Sunia, Teacher, Petaluma High

**Members Unable to Attend:**

*(Input via email or phone)*

Tom Brandon, Machinist Union Area Mgr.; John Chocholak, Political Liaison, CITEA; Steven Cohen, Dean, SRJC; Jon Day, Teacher PJH; Rich Dodele, Machine Shop Mgr., GCX Corp.; Hank Searby, Agilent; Craig Spalding, Eng., City of Petaluma; John Walsh, Counselor PCSD

**Agenda:**

- **Introductions**
  - Introductions were made and a sign up sheet for contact information was distributed.
- **Industry Outlook**
  - Manufacturing's high productivity growth is expected to cause employment to decline; but, many openings will result from the need to replace workers who retire. Production workers account for over half of all jobs in this industry sector and increasingly need training high school. Machinery manufacturing has some of the most highly skilled and highly paid production jobs in manufacturing. Job prospects should be good for high school graduates with strong communication, basic math, and problem solving skills who can be trained for highly skilled production jobs. Eight of the 25 major employers in Sonoma County fall under the manufacturing industry sector.<sup>1</sup>
  - While the change in employment in manufacturing in the Santa Rosa-Petaluma metropolitan statistical area declined almost 10% (2,200); the preliminary October 2009 forecast projects a 10% increase (100) over the revised September 2009 forecast.<sup>2</sup>
  - The State Report for advanced manufacturing related occupations project a 10-year growth between 6 and 26%.<sup>3</sup>

<sup>1</sup> North Bay Business Journal – Sonoma County, February 2009.

<sup>2</sup> State of California Employment Development Department, Labor Market Information. [www.labormarketinfo.edd.ca.gov](http://www.labormarketinfo.edd.ca.gov). November 20, 2009.

<sup>3</sup> Career Voyages – Advanced manufacturing – In-Demand Occupations. [www.careervoyages.gov](http://www.careervoyages.gov). December 2009.

- Industry representatives indicated the macro manufacturing sector is growing and hiring. Small skilled companies are collaborating with larger companies on research and development. Maintenance in wineries, fabricating replacement parts, welding and plumbing still continue to present opportunities. Job opportunities in the east bay and peninsula are slim. Retirees will need replacements as the youngest experience workers range from 45 to 50 years of age.
  
- **Course Outlines**
  - The previously electronically distributed 4th Year Manufacturing Technology course NIMS Precision Machining outline was discussed. Follow up for feedback from absent members will be done after the holidays. No changes were recommended from present committee members.
  
- **Petaluma High School**
  - The district continues to support the connection between core academics and career technical education as evidenced by the district level pathway committee. Focus continues on standards-based lesson planning, facilitating math coaches to work with teachers, and marketing the high school programs to middle and high school students.
  - Competition for resources continues to be a challenge with declining enrollment at Petaluma High School resulting in competition between electives.
  
- **NIMS Accreditation Process**
  - Forty high school students have achieved certifications to date. SCOE/ROP has a scholarship application in place for students to apply for funds to cover certification costs.
  - The site accreditation process was reviewed, and the advisory committee was asked to participate in a self-study checklist and tour the facility. The following observations were made:
    - Increase the number of fire extinguishers to have one at each door
    - Create a lesson plan for reading the MSDS
    - Confirm all containers are labeled
    - Install an emergency shut-off for fan over welder with proper signage
    - Label electrical panels
    - Confirm clearance with portable machines
    - Label voltage on machines
    - Label circuit breakers in rear panel
    - Anchor drill presses
    - Label “aluminum only” on ventilation over grinding machines
  
- **Articulation**
  - Articulation discussions are underway with SRJC, Napa Valley College and DeAnza College in Cupertino.

*The Advisory Committee Meeting was adjourned at 5:30 p.m.*