



Business/Industry Advisory Committee Meeting Agenda & Minutes

ROP Course: ARCHITETURE / ENGINEERING

Date: 11/01/13

1. **Purpose of meeting:** The main functions of the Advisory Committee are to provide up-to-date information on current trends in business and industry, make recommendations for the improvement of the ROP program, and provide an overview of labor market conditions. *In order for the ROP curriculum to be approved by the California Department of Education, it is essential for the advisory committee to discuss:*

- The curriculum
- The labor market—job opportunities

2. **Business Advisors present:** (include name, title, name of business, phone number and e-mail address, or **attach business card**) See attached sign-in sheet.

3. List of **ROP Teachers** and **Guests** present: See attached sign-in sheet.

4. **Meeting called to order.** Meeting location: County offices (CCCOE)

5. **CURRICULUM REVIEW:** Review the curriculum thoroughly, discuss, and make recommendations for updating.

- Are the entry-level job titles appropriate?

NEED AT LEAST A COLLEGE DEGREE THEN YOU HAVE TO WORK FOR A FEW YEARS BEFORE GETTING A LICENSE. PAY STARTS LOW. NEW & INTERNS DON'T KNOW VERY MUCH. THEY DO KNOW HOW TO PROBLEM SOLVE & HOW TO USE COMMUNICATION TOOLS (CAD). DRAFTSMAN ARE IN DEMAND BUT THEY HAVE TO KNOW WHAT THEY ARE LOOKING AT. MANY PEOPLE LEAVE AFTER THEY GET THEIR EXPERIENCE.

- ~~Is the course description relevant?~~

MANUFACTURING - CAN USE ENTRY LEVEL OUT OF HIGH SCHOOL; ALSO HAVE ENGINEERS; MOSTLY USING ROBOTICS; NEED HANDS ON TRAINING (CAL POLY; CHICO)

7. **LABOR MARKET INFORMATION:** What is the demand for employees in this field?

- What are the local job opportunities for ROP graduates?

CAD/DRAFTING ⇒ \$25/30K OUT OF COLLEGE

DETAILS ⇒ PROJECT MANAGER ⇒ \$100K

ARCHITECT ⇒ NO JOB OPPORTUNITY OUT OF HIGH SCHOOL

E-TECH ⇒ \$1,02,000 STARTING SALARY (2 YR DEGREE)

P-TECH

- Are internships available?

USS/POSCO - GIVE TO JC STUDENTS; THERE ARE OFFICE LEVEL JOBS BUT NOT IN THE PLANT DUE TO LIABILITY; PTECH PROGRAM IS GOOD;

E-TECH ALSO; MTECH HASN'T STARTED YET;

DOW - DO HIRE HIGH SCHOOL GRADES; CAN ALSO COME IN THROUGH SUBCONTRACTORS.

- Discuss current and future trends in this business or industry.

MANUFACTURING ⇒ ROBOTICS & ANIMATION; HUGE DEMAND FOR SAFETY TECH TRAINING

ARCHITECTURE ⇒ NOT SURE WHERE BUSINESS IS GOING; REVIT ⇒ NO SKETCH UP ⇒ YES; ART NEEDS TO BE INCLUDED;

SUSTAINABILITY - GREEN, TITLE 24; RECYCLE MATERIALS,

DOW - STARTING BIG CONSTRUCTION PROJECT; 2 YR DEGREE I/E TECH; TROUBLESHOOTERS; PTECH

8. Recommendation to support continuation of this program: YES NO

9. Adjournment. Minutes taken by: CINDY EGAN

ROP Teachers:

Please take minutes of your Business Advisory Committee meeting and e-mail them to your Student Programs Principal, or send them to ROP along with your weekly ROP attendance.

Contra Costa County Office of Education
Student Programs — ROP
77 Santa Barbara Road
Pleasant Hill, CA 94523

• Is the course outline realistic and up-to-date?

• Are the books, instructional materials, and equipment up to date?

• Are allotted hours adequate?

• Discussion and recommendations.

SKILLS - DOW: CHEMISTRY FOCUSED; ^{NEED} CAUSE & EFFECT PERCEPTION & UNDERSTANDING; DON'T NEED A LOT OF MECHANICAL KNOWLEDGE

SOFT SKILLS - SHOW INITIATIVE; HIGH WORK ETHIC; GO THE EXTRA MILE;

CHEMICAL SAFETY BOARD ⇒ SHOW VIDEOS OF ACCIDENT RECREATION

6. Does the committee approve the curriculum? YES NO