THE BRAE WEEKLY

The Weekly Newsletter for the BioResource & Agricultural Engineering Department

WEEK 8~ February 27th, 2018

Who do you think has the best beard in the BRAE Department? Click HERE to vote!
CAL POLY CAFES COLLEGE CLUB COUNCIL

Ag Olympics

FARM SHOP
MARCH 3 2018
10AM OPENING CEREMONIES
9:30-10AM CHECK IN & BREAKFAST
LUNCH IS PROVIDED
## February/March Calendar

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Marine Science MSCI 330
TECHNOLOGIES FOR OCEAN DISCOVERY

4 UNITS – SPRING QUARTER 2018
FULFILLS GE AREA F REQ’T -OR- TECH. ELECTIVE?

SCHEDULE: Lecture MW 07:40 – 09:00 + Activity M or W 09:10 – 11:00

- ocean sensor systems, sensor platforms and emerging technologies
- current issues in marine science
- social context and societal implications of discoveries in ocean sciences
- projects include presentations, data analysis and hands-on work with sensors.

field trips. 2 lectures, 1 activity.
Prerequisite: Junior standing and completion of GE Area B.
Meetings are Wednesday’s 4:30-6:30 pm in room 8A-3E

This Week’s Lesson
Remote Control

Taught by: PAAC Officers

Berendsen Fluid Power

Controls Group- Developer

“Berendsen Fluid Power, one of North America’s largest distributors of hydraulic, pneumatic, and electronic products and services is looking for an (engineering) Technical Support person for our Controls Division.”

Denver, CO - Los Angeles, CA - Tulsa, OK

AgBot 2018

This year, Cal Poly is participating in the Harvest Competition. If you are interested and want to learn more, click the link below. If you want to be on the AgBot team, talk to Caleb Fink or come to a meeting on Wednesdays 4-4:30 PM.

Info Here!
Meetings:

Tea Time is a time to chat with the president and vice president about anything and everything. It's basically open office hours and we'd love to see you! It's every Monday (recent change) 11am-12pm. We will be in fishbowl 216-K on the 2nd floor of the lib. Look for our EWB shirts/boxes of tea!

Sustainability Task Force: Do you want to improve EWB? Sustainability Task Force (STF) is open to everyone and is a space to identify problems in EWB and collectively create solutions to improve our club. We want to ensure that our chapter is fulfilling its purpose of “equipping leaders to solve some of the world's most pressing challenges” by working on projects related to socio, economic, cross-generational and environmental sustainability. Join our team Mondays 6-7pm in 26-104!

Project Meetings are every Monday from 7:00-9:00pm! Feel free to try out different project teams and be sure to introduce yourselves to the PMs if you’re new to EWB!

Here are the team room locations:
- Fiji: 14-249 (back to normal)
- Local Projects: 26-123
- Thailand: 186-C200
- Nicaragua: 192-224
- Malawi: 14-247

IMPACT: meets Tuesday 11-12pm in the library fishbowl 216Q. IMPACT, Engineers Without Borders' volunteering team, works with nonprofits across SLO County to carry on the tradition of thinking globally and acting locally. IMPACT organizes volunteering events that unite EWB members and fellow Cal Poly students with local nonprofits dedicated to the community EWB Cal Poly knows and loves. We have our campus wide volunteering event at the end of quarter, come join our team to make it happen!

Officer Board sit-ins
Are you interested in taking on a leadership role in Engineers Without Borders? Or maybe you're just curious about how the club is run? If so, we invite you to sit in an officer board meeting so you can see for yourself how the club is run and if it's something you might be interested in doing. Meetings go from 6-7:30pm, but still sign up if you can only attend part of the meeting! If you’re interested, sign up here.
https://goo.gl/forms/2jtS1o2JZ4DZNmG32  If you signed up and haven't heard from us, please email ccleland@calpoly.edu

The following days are available for sit in;
THIS Wednesday, February 28th, 2018

Announcements:

IMPACT Weekend!

Sign ups for IMPACT weekend are open!! On March 9-11, join your fellow EWBers and other Cal Poly students for a weekend of awesome volunteering in and around SLO. To view a complete list of nonprofits and sign up for your favorites, fill out this form. Please email ewbimpact@gmail.com with any questions!
CURRENT OPPORTUNITIES FOR HARVEST

Field Dispatcher: You will be required to communicate with growers, truck drivers, and winery dispatch. The field dispatcher is the eyes and ears out in the field and will help coordinate deliveries. A vehicle will be supplied. Clean driving record required. Bilingual in Spanish is helpful, but not required.

Shuttle Operations: Coordinate grape loads at the winery to the crush pits. Strong communication and operational skills needed. Bilingual in Spanish is helpful, but not required.

Billing Systems: You will be required to talk with carriers, truck drivers, and winery dispatch. Focus on process improvements and billing accuracy for grape and pomace loads. Able to learn new systems quickly and handle large volumes of paperwork daily. Proficient in Excel. Bilingual in Spanish is helpful, but not required.

WHO WE ARE

Based out of Modesto, California, G3 Enterprises was founded by the 3rd Generation of the Gallo Family with the vision of expanding services and increasing productivity to better serve the wine and spirits industry. With more than four decades of experience, we deliver results while building partnerships with our customers and suppliers throughout all of California.

WHAT WE OFFER

We offer excellent experience, a very competitive salary, and potential for future career opportunities.

PAID INTERNSHIP OR SEASONAL WORK BEGINNING JULY

As a G3 Enterprises Intern or Seasonal Hire you will report directly to the Manager of Agricultural Transportation. You will assist the Agricultural Transportation team in executing on the group’s mission, including, but not limited to: service integrity, outstanding customer interactions, billing systems input and analysis, and special projects.

PROFESSIONAL EXPERIENCE YOU WILL GAIN

The G3 Enterprises Agricultural Transportation Internship Program is a three to four-month internship designed to give broad-based exposure to the day-to-day activities of transporting grapes and pomace. Interns in the program can be expected to participate in all aspects of the dispatch centers activities including customer service, billing, dispatching, and data collection. Areas include Fresno, Livingston, Lodi, Central and North Coasts.
QUALIFICATIONS & RESPONSIBILITIES:

- Must be able to take Fall Quarter off (Harvest is July - November)
- Ability to work 6 days a week, 12 hour days
- Coordinating delivery times and grape varieties with Winery Grower Relations
- Assisting Dispatching Towers for scheduling grapes & pomace
- Collecting vineyard data & paperwork from contracted growers
- Participating in billing systems for transportation of grapes and pomace
- Responsible for day-to-day winery processes from Dispatch Center
- Maintain a written weekly schedule of activities and attend required meetings

If hired under the Internship Program, the intern will create a project/binder that synthesizes their work over the course of harvest
Diamond Foods is an innovative packaged food company focused on building and energizing the Diamond of California culinary nuts food brand. The Company’s products are distributed in a wide range of retail partners in North America as well as Europe and wholesale partners in 100 countries. The Company’s stock trades on NASDAQ under the symbol DMND.

POSITION OVERVIEW:

This position supervises the maintenance function to ensure prioritized projects are completed accurately and in a timely manner while ensuring safety in the Maintenance Department. Responsibilities also include training, supervision and planning of maintenance work for the Stockton location. The maintenance supervisor will strive to assist in ensuring that quality, volume, service, and cost goals are met in the Maintenance Department.

DUTIES AND RESPONSIBILITIES:

- Drive packaging and production OEE initiatives
- Maintain facility, walnut processing equipment and packaging equipment to ensure production efficiency
- Performs preventive maintenance to limit unscheduled downtime
- Supervises projects to completion ensuring accuracy and timely completion
- Generate, assign, and close maintenance team work orders on a weekly basis
- CMMS reporting of parts inventory levels and employee metrics
- Train, guide and supervise maintenance staff in repair of plant equipment
- Assist as needed to maintain parts inventory
- Adheres to Good Manufacturing Practices, Standard Operating Procedures, and Safety Regulations consistently
- Works closely with and communicates regularly with Production Supervisors, Safety, Maintenance staff and other departments
- Communicates regularly with and coordinates work of outside vendors
- Performs other duties as assigned by the department manager

KNOWLEDGE, SKILLS AND ABILITIES:

- Maintenance requirements, resources, and processes
- Good Manufacturing Practices, Standard Operating Procedures, and Safety Regulations
- Basic supervisory practices
- Understanding of equipment operation and pneumatics
- Basic electrical knowledge
- Welding skills
- Effective English language literacy; oral and written communication skills
- Interpersonal and team skills for working with employees at all levels within the company
- Effective math skills
Demonstrated leadership skills
- Analytical, problem-solving and decision-making skills
- Facilitation skills for leading meetings and teams
- Effective computer skills using MS Office products and required technical software
- Working knowledge of maintenance CMMS system
- Time management and organizational skills
- Work in an environment with very high level safety risks
- Listen, understand, and advise staff
- Flexible and adaptable to change
- Complete multiple projects while working under tight deadlines
- Work overtime as required; including off shift and weekend work
- Perform tasks independently and as part of a team to accomplish company goals
- Set and be an example for work safety
- Use Company values and commitments in daily work and in interactions with others

Physical Requirements include:
- Frequent talking, standing, walking and accessing all production areas
- Sitting, occasionally for prolonged periods; frequent keyboarding activity
- Frequent climbing, grasping, stooping, bending, kneeling, crawling, repetitive motions with hands, and turning/twisting
- Occasional driving
- Frequent lifting of up to 50 pounds

EDUCATION AND WORK EXPERIENCE:
- 2 year degree and 3+ years related experience or overall equivalent
- Previous supervisory experience
- Experience in a manufacturing environment; food processing preferred

TO APPLY:
Qualified candidates may send resumes and salary requirements to: tgomes@diamondfoods.com

Pre-employment drug testing required. AA/EOE/M/F/D/V.