

Engineering and systems management support for agriculture

THE BRAE WEEKLY

The Weekly Newsletter for the BioResource & Agricultural Engineering Department



WEEK 9~ May 31st, 2017



Huge Shout-out to all of the AES Officers who served the department over the last school year!

AES Events for this week!

CAFES Farmers Market - May 31st (TODAY!) from 11:00 am- 1:00 pm in the University Union. AES and Tractor Pull will be hosting a booth during this time. Swing by the UU to see what our clubs and other CAFES Clubs have to display.

BBQ Opportunity - May 31st (TODAY!) at 6:00 pm at the Crops Unit. Come help our BBQ team cook for the Ag Ambassadors Banquet.

Beach Day Quarterly Activity - June 2nd (THIS Friday!) at 2:00 pm at Grover Beach. What better way to de-stress than a relaxing afternoon at the beach? Join us this Friday at Grover and feel free to bring any frisbees, footballs, or beach games you would like to play. Pizza will be provided and rides are available. Please email me if you would like a ride! hebarnes@calpoly.edu

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Week 9 Safety Tip

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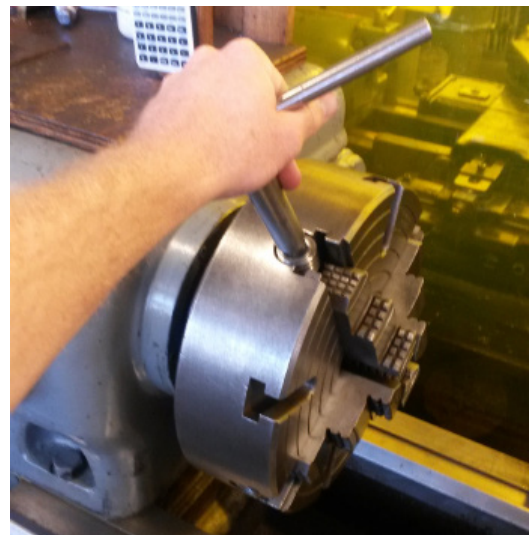
With Spring Quarter 2017 coming to a close, let's always remember safety first in the Shops!

Don't rush with machinery and be sure to stay safe!

When operating the lathe, never leave the chuck key in the chuck!

Your hand must be on the key whenever it is off the tool storage cradle until it is placed back in the cradle.

Serious injury/damage can occur if the key is left in the chuck and the machine is turned on and the chuck is engaged.



May/June Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29 Academic Holiday	30 PAAC Meeting 6:10-7:50 8-122	31	1 AES BBQ 11AM- 12PM @BRAERAMP	2	3
4	5	6 PAAC Meeting 6:10-7:50 8-122	7	8 AES BBQ 11AM- 12PM @BRAERAMP	9 Last Day of Academic Classes	10
11	12	13	14	15	16	17 Graduation Day 1
Finals Week						
18	19	20	21	22	23	24
25	26	27	28	29	30	1

Vineyard and Shop Mechanic

Laetitia Vineyard and Winery is looking for someone to oversee our shop and be responsible for the inspection, maintenance, troubleshooting and basic repair of tractors, and other farm equipment. Some fabrication and welding required, hauling equipment and materials. This is a great opportunity for someone with strong mechanical skills to gain experience in the wine industry. This is a full time position with a comprehensive benefits package.

Minimum requirements for all LTV employees are to possess a positive attitude, team spirit, honesty, and a strong work ethic.

Basic Job Responsibilities:

Inspect vehicles, tractors and other equipment for needed repairs/ adjustments

Perform required maintenance

Move equipment from one ranch to another

Prepare equipment for connect equipment for various vineyard uses

Key Qualifications:

Basic Knowledge of the operation of internal combustion and diesel engines and related power trains

Basic Knowledge of hydraulic and electrical systems

Basic Knowledge of servicing requirements and maintenance procedures for motor vehicles and tractors

Advanced mechanical ability and skills

Ability to analyze and solve problems

Ability to work alone

Ability to plan work and achieve required results

Ability to work safely

Background in Agriculture is preferred but not necessary

Licenses

Clean DMV

Physical Environment:

Often working outdoors in extremes of heat/humidity/cold and other weather conditions

Exposed to dust, noise, gasoline, diesel fuel and solvents

Works with flammable and toxic materials

Must be able to lift up to 50 pounds

Work is strenuous involving bending, stooping, awkward body positions

Please submit resumes to Chelsea@laetitiawine.com or fax to 805-473-7215.

Spring Week 9

Hope you all had a wonderful Memorial Day weekend!

Events

1. Tue- IMPACT Meeting
2. Wed- General Meeting, Malawi Blaze Pizza Fundraiser
3. Fri- EWB Tea Time, Project Expo

Check out our google calendar here!

1. IMPACT meets every Tuesday at 6:30 pm at one of the Library 2nd floor fishbowls. Come by if you want to make a difference locally by volunteering in SLO!

2. General Meeting Wed 5/31 - 6-7:30pm B26-103

Come hear about EWB at the United Nations! 8 students attended the UN Science, Technology, and Innovation forum two weeks ago and will be presenting on what took place at the forum, how EWB Cal Poly participated, and what we learned!

Come and support the Malawi team by coming out to Blaze Pizza Wednesday 5-10 pm! Enjoy pizza, hang out with EWB friends, as well as support the Malawi team. Just show the cashier this flyer on your phone! It will be at Blaze on Foothill.

3. EWB Tea Time is every Friday 1-3 pm at the 2nd floor of the Library facing the front, near the bookshelves. Come chat and enjoy some tea with President Dan, VP Beth, and the occasional officer!

Project Expo 2017 will be happening: Friday, June 2nd at 2 PM in the Engineering Plaza near building 192. The all-college Project Expo features more than 200 individual and team projects. The displays and hands-on demonstrations represent the culmination of one to two years of student-led project innovation. Outstanding Student Awards will be given out at 2:00 pm. More information can be found on the Facebook event.

Opportunities

-Civil Engineering Associates Intern Opportunity

Company: Civil Engineering Associates. CEA is a general civil firm that provides consulting services to land development clients primarily for multi-family residential, single-family residential, mixed-use, and apartment developments. Our responsibilities range over the whole project life span, from initial planning and entitlement to preparation of design documents, and ultimately to construction administration and surveying.

Location: San Jose, 5 minutes north of downtown

Job Description: Engineering intern working directly with project managers on a variety of civil engineering tasks. You will have the opportunity to test your wit in the design of components for real projects including: storm water management, utility design and grading. You will also provide important support to our field operations by analyzing data, performing quality control checks, and interacting with contractors.

Ideal Candidate: Motivated individual with solid engineering fundamentals, good communication skills, and an ability to work in a fast-paced dynamic environment. Former AutoCAD Civil 3D experience is a plus, but not a necessity.

Getting in Touch: Contact Graham Goodwin directly at ggoodwin@ceainc.net or by phone at 408-453-1066.