<table>
<thead>
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<th>Sunday</th>
<th>Monday</th>
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<tr>
<td>12</td>
<td>13</td>
<td>14 CAFES Council 5pm-6pm</td>
<td>15 AG Showcase Industry Social</td>
<td>16 AES Barbecue BRAE Ramp 11-12 Grow Crew 11am-12pm Lab 4 Farm City Nights Downtown SLO</td>
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<td>19</td>
<td>20 NO SCHOOL Observe MLKJs Birthday</td>
<td>21 MONDAY SCHEDULE CAFES Council 5pm-6pm</td>
<td>22 Winter Career Fair @ Rec @9:30 am 2:30 pm</td>
<td>23 AES Barbecue BRAE Ramp 11-12</td>
<td>24</td>
<td>25 Banquet Workshop Day</td>
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<td>29</td>
<td>30 AES Barbecue BRAE Ramp 11-12</td>
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<td>6 AES Barbecue BRAE Ramp 11-12</td>
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Mary Hambly is a 4th-year BRAE major from Paso Robles, CA. She is the President of the American Society of Agricultural and Biological Engineers and has also participated in Tractor Pull and SWE. Her presidential duties include helping plan and run AES meetings and events with the two other presidents. Mary enjoys the variety of classes and opportunities she has gotten through the BRAE department and hopes to inspire others to participate in the exciting clubs the department has to offer. She has been lucky enough to receive scholarships, travel to professional conferences, and make an array of industry contacts through clubs and professor connections. Outside of school, she was crowned Miss California Mid State Fair Princess this summer running on a platform title “Fresh is Best”, which aimed to teach local youth the benefits of eating fresh and local foods. In her spare time, she enjoys baking and cake decorating for her small business, Mary Had a Little Bakery.
CAL POLY AES
Agricultural Engineering Society

WHO: Cal Poly BRAE & ASM Major Concentration (all majors welcome)
WHAT: A professional club that promotes experience in industry as well as developing connections with industry professionals
WHEN: February 5th
WHERE: BRAE Lab 1
WHY: To give professional opportunities to Cal Poly students by allowing them to associate with industry professionals as well as another learning outlet to discover the variety of career paths they can take with their major
HOW: By being present and engaged, and enjoying a great BBQ!, Cal Poly Students will have access to more personalized information about their future within the Cal Poly BRAE Department as well as their career following college
BRAE BANQUET Workshop

January 25th
BRAE Labs

Join AES in fabricating Auction Items for the 2020 BRAE Banquet. At the workshop students will have free reign to design and fabricate projects to be auctioned as a fundraiser for the club!
All CAFES clubs will be participating in FARM CITY NIGHTS presented by CAFES Council at the San Luis Obispo Farmers Market on January 16th. Reach out to your club representative to get involved with FARM CITY NIGHTS.
Preparation Calendar

Tuesday
January 7th
CAFES DROP-INS
Map Center
(Bldg. 10, Rm. 202)
10:30-Noon
RESUME DROP-INS
Library-by Julian’s
6:10-8:00pm

Wednesday
January 8th
PREPARING FOR AG SHOWCASE
*AMB Club Meeting*
Business Silo
(Bldg. 3, Rm. 213)
6:30-7:30
RESUME DROP-INS
Map Center
(Bldg. 10, Rm. 202)
10:10-Noon

Thursday
January 8th
RESUME DROP-INS
Map Center
(Bldg. 10, Rm. 202)
10:10-Noon

Tuesday, January 14th
CAFES DROP-INS
Map Center (Bldg. 10, Rm. 202)
10:30-Noon
RESUME DROP-INS
CEC (Bldg. 124, Rm. 202)
11:10-1:00pm
PREPARING FOR AG SHOWCASE
(Bldg. 10, Rm. 231) 5:10-6:00pm
RESUME DROP-INS
Library-by Julian’s 6:10-8:00pm

Wednesday, January 15th
CRAFTING YOUR ELEVATOR PITCH
CEC (Bldg. 124, Rm. 117)
11:10-Noon
RESUME DROP-INS
Map Center (Bldg. 10, Rm. 202)
3:10-5:00 pm
RESUME WORKSHOP
CEC (Bldg. 124, Rm. 117)
5:10-6:00pm
The Cal Poly Society of Women Engineers, along with San Luis Obispo High School, is proud to host the California Central Coast VEX Robotics Competition on January 18, 2020 in the ATL, Bonderson, and Engineering Plaza areas. We will welcome over 50 teams to compete in this year's game, “Tower Takeover.” If you would like to volunteer for this event, it would be greatly appreciated!

Volunteer Form:
https://forms.gle/Y3nfPvhzZpGrihgo8
Position Descriptions:
https://drive.google.com/file/d/1gGd1AhokDH-Ay56iPD1hfrj8bdyWaobC/view
(Recommended experience is listed under the position description. No experience is needed for more than half of the available positions!)

If you have any questions, please contact Nayana Tiwari at cpswerobotics@gmail.com.
Josh Woodring is offering FREE Tutoring.

The normal times where people won't need to schedule specially are
Monday, Wed, Fri from 6pm to 9pm.
Tuesday-Thursday from 2pm to 5pm.
Saturday from 1pm to 5pm.

I may not be on campus if nobody requested my presence as this is technically a 10 hour a week job (not 19), but will come immediately if you send an email or give a call. I have so many hours that I keep open because I want to help as many of you as possible. Its good to RSVP and let me know what you want to study and when. If the material is digital, send me a copy; if its a physical book, bring it with you.

I am available a lot of times outside those hours. Just let me know and I will work a time out with you.

CONTACT
My phone number is 559 940 5215 and will also work for Signal and WhatsApp.
My emails are jwoodrin@calpoly.edu and woodring.josh94@gmail.com

Josh
Internship and Employment Opportunities

ASM and BRAE students and graduates are in high demand!

Check out [www.brae.calpoly.edu/students/employment](http://www.brae.calpoly.edu/students/employment) for even more postings!

Career Services can help you explore career options, prepare for your internship/job search, connect with employers, and more! Please visit their website for information on the services and resources they provide.

**THE WINTER CAREER FAIR**

January 22 & 23 | 9:30am - 2:30pm | REC Center

1/14: Resume & Cover Letter Office Hours
Drop by the 2nd floor of the library anytime between 6:00 - 8:00 p.m. to have your resume or cover letter reviewed by Career Services!

1/14: Camp Natoma
Camp Natoma is hosting an information/recruitment table for summer job opportunities for Cal Poly students.

1/14: Resume Clinic
Come by and have your resume reviewed by a professional. Stop in anytime between 11:30-1:30 p.m. Consultations will last approximately 10 minutes.

1/14: New Year, New You: Intentional Resolution Setting for Your Life and Career
Join Career Services for free snacks, prizes and to set intentional life and career resolutions in 2020.

1/14: Preparing for Ag Showcase
This workshop will help you be more confident by sharing what to do before, during and after Ag Showcase to be a standout candidate.
ASABE CA-NV STUDENT RALLY

Hosted by UC Davis

Join us for industry tours, campus/lab tours, student design competition, networking, and so much more!

January 17-20, 2020

Click here to sign up!
Job Description

The Cal Poly Dairy is a progressive, 540 head dairy farm located in the heart of Cal Poly's large swath of agricultural land. Our heard boasts an average of 94.4 Lbs of Milk per day, 3.87% fat and 3.27% protein, with a somatic cell count of 92,000. We are entirely student run, with 33 student employees from upper management down to entry level milkers. We currently milk 224 cattle twice a day, 112 Holstein Cows and 112 Jersey Cows. The dairy raises its own young stock, grows some feed and process 10% of our milk at the creamery located within the dairy science complex. We are looking for an individual to join our Maintenance Department. The Maintenance department is responsible for maintaining and improving the hydraulic, pneumatic, plumbing and electrical systems on the farm. We also maintain the fleet of heavy equipment, trucks, tractors and are responsible for cattle bedding and manure management.

What You’ll Do
- Operate a wide array of heavy equipment, including Wheel Loaders, Forklifts, Skidsteers, Skip Loaders, Ag Tractors, Dump Trucks, and more.
- Grease, Lubricate, Fuel and Maintain heavy equipment and trucks
- Diagnose and repair issues relating to hydraulics, electrical, plumbing and more
- Repair and construct infrastructure related to carpentry, concrete, and welding.
- Remove and replace bedding for lactating cows, heifers and calves
- Work alongside other dairy employees, subcontractors, Cal Poly Agricultural Operations staff and Cal Poly Animal Science Staff

What We Are Looking For
- A detail oriented team player with a positive attitude and safe working habits.
- Heavy Equipment Experience Preferred, but not required.
- Extensive knowledge of hand tools and power tools required.
- Personal tools required.
- Experience working with cattle Preferred, but not required.

Wages and Benefits
- Flexible Scheduling
- 13$ / Hour paid every two weeks
- Opportunity for promotion and growth
- Valuable skills and knowledge that cannot be learned in class
- Housing Opportunities Available
- A safe and Positive work environment

Contact
Gavin Abraham, Maintenance Manager gjabraha@calpoly.edu, 310-913-8130

CAL POLY
Why Gallo?
Named a Glassdoor "Best Places to Work" three years in row, we couldn’t be prouder of our company culture. As the largest family-owned winery in the world with over 100+ unique wine and spirits brands, our products are synonymous with life's special occasions. Come celebrate with us! Your Talent & Gallo | A Perfect Pairing

E&J Gallo Winery

PROCESS TECHNOLOGY DEVELOPMENT INTERNSHIP PROGRAM FOR SCIENTISTS
(6 MONTHS)
LOCATION: Modesto, CA

Process Technology Description
E&J Gallo is a world-class research and manufacturing organization. This internship provides the opportunity to conduct cutting-edge Research & Development projects in both the laboratory and winery setting. You will work side-by-side with professional technology managers, gaining valuable hands-on expertise in a variety of aspects of winery operation.

The Process Technology Internship Program for Scientists is searching for appropriate candidates to fill the 6 month positions within our Process Technology Department. Interns will assist in the development and scale-up of new technologies for the Winery. Interns working on technology projects will assist in managing a portion of an ongoing development project. This is an excellent opportunity to gain hands-on experience in a lab or production environment and increase your skill base for future employment or graduate school.

Interns will work with cross-functional teams, including operations, winemaking, engineering and operators to execute technology projects that are undertaken during the harvest season.

FOR MORE INFORMATION: https://tinyurl.com/PTScientists2020

E&J Gallo Winery

PROCESS TECHNOLOGY DEVELOPMENT INTERNSHIP PROGRAM FOR ENGINEERS
(6 MONTHS)
LOCATION: LIVINGSTON, MODESTO, and FRESNO, CA

Process Technology Description
The E&J Gallo wineries located in Livingston, Modesto, and Fresno are world-class centers for the production of domestic and international wines. This internship provides the opportunity to work within one of these facilities and partner closely with a cross-functional team to execute Engineering projects during the grape harvest. Interns will have the opportunity to work alongside professional technology managers, gaining valuable hands-on expertise in a variety of areas at the Winery.

The Process Technology Development Internship Program for Engineers is searching for appropriate candidates to fill 6 month positions within our Process Technology Department. Interns will work with cross-functional teams, including operations, winemaking, engineering and operators to execute technology projects that are undertaken during the harvest season. This is an excellent opportunity to gain hands-on experience in a lab or production environment and increase your skill base for future employment or graduate school. Working closely with cross-functional teams, interns’ essential functions are as follows:

• Assist in the development and scale-up of new technologies for the Winery.
• Participate in technology projects and assist in managing a portion of an ongoing development project.

FOR MORE INFORMATION: https://tinyurl.com/PTEngineering2020
GVI OPERATIONS & VITICULTURE COASTAL INTERNSHIP PROGRAM
AVAILABLE LOCATIONS: SONOMA, NAPA, LAKE, SOLANO, SALINAS & SAN LUIS OBISPO COUNTIES

Job Summary
We are currently searching for appropriate candidates to fill 6-month positions {April – September (Paso Robles) or June – December} within our Winegrowing Operations. Coastal Winegrowing/Gallo Vineyards Inc. strives to produce the highest quality wine grapes using technologically advanced production techniques. Interns will support the many different areas of our Winegrowing Operations including general viticulture, irrigation management, pest control, tractor and spray operations, new equipment development and cultural operations. Some of the intern's essential functions could include the following:
• Support all GVI operations and viticulture winegrowing practices.
• Assist with crop estimations, phenology data collection and irrigation practices.
• Assist with harvest activities including maturity sampling, harvest equipment preparation and quality control of mechanically and hand-harvested fruit.
• Participate in pest and disease scouting and help draft treatment thresholds for specific pests.
• Support GVI in logistical allocation of assets.
• Use GPS technology and the Geographical Information System to implement precision farming and map vineyard infrastructure.
• Assist with the design, layout, and planting of a new vineyard block.

FOR MORE INFORMATION: [https://tinyurl.com/GVI2020](https://tinyurl.com/GVI2020)

COASTAL TECHNICAL GVI INTERNSHIP PROGRAM
LOCATION: SONOMA COUNTY

Job Summary
We are currently searching for appropriate candidates to fill a technical 6 month position (May – January) within our Gallo Vineyards Inc. An Intern will learn and apply engineering research analytics, designs, project management, and construction skills under the guidance of an experienced Technical Team Lead. Interns will also have the opportunity to utilize engineering studies and modeling to determine future agriculture needs of our vineyards. Potential essential functions an Intern could participate in are:
• Performs calculations and assists in research, design, and build of agricultural engineering solutions.
• Contributes to increasing data collection technology and agricultural automation.
• Contributes to managing and designing projects, developing engineering estimates, budgets and construction inspection.
• Investigates products and generates reports for specific applications.
• Assist in performing process management analysis to improve processes.
• Assists in providing engineering designs and construction for various projects involving machinery, water, energy and soil.
• Coordinates with customers and gains consensus on project design and construction.
• Plans and develops experimental test programs, analyzes test data and reports to determine feasibility.
• Gathers and analyzes data to determine feasibility of product proposal.
• Collects, enters, organizes and uses GIS data.

FOR MORE INFORMATION: [https://tinyurl.com/TECHGVI20](https://tinyurl.com/TECHGVI20)
Job Summary
We are currently searching for appropriate candidates to fill a technical 6 month position (May – January) within our Gallo Vineyards Inc. An Intern will learn and apply engineering research analytics, designs, project management, and construction skills under the guidance of an experienced Technical Team Lead. Interns will also have the opportunity to utilize engineering studies and modeling to determine future agriculture needs of our vineyards. Potential essential functions an Intern could participate in are:
• Performs calculations and assists in research, design, and build of agricultural engineering solutions.
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• Plans and develops experimental test programs, analyzes test data and reports to determine feasibility.
• Gathers and analyzes data to determine feasibility of product proposal.
• Collects, enters, organizes and uses GIS data.

FOR MORE INFORMATION: https://tinyurl.com/PBUOps2020

Job Summary
The Grower Relations Internship Program is searching for appropriate candidates to fill 3-6 month positions (June-December) within our Grower Relations Department. Coastal Winegrowing/Grower Relations strives to procure the highest quality wine grapes while matching demand for our wide arrange of wines. Interns will support the many different areas of our Grower Relations team including GIS/map building and analysis, grower outreach, crop estimation, pest and disease scouting, harvest scheduling and delivery coordination. The intern's essential functions are as follows:
• Support all Grower Relations operations.
• Create and maintain reports to track yield estimation, grape maturity and phenology activity.
• Use GPS technology and the Geographical Information System to implement precision farming and map vineyard infrastructure.
• Participate in pest and disease scouting and help draft treatment thresholds for specific pests.
• Assist with harvest activities including maturity sampling, harvest equipment preparation and quality control of fruit.

FOR MORE INFORMATION: https://tinyurl.com/PBUOps2020