Congratulations to all the new officers. Make sure to stop by the office to buy your ticket for the AES Banquet that is coming up in just two weeks!

AES Election Meeting

Student Opportunities          BRAE News & Events          May Calendar
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Come join the HGM team as an Application Engineer!

H.G. Makelim Co., the leading Value Added Reseller and Distributor of diesel and gas powered engines, service parts, and prime power generators has an outstanding opportunity for a new college grad as an Application Engineer for our fast-growing Engine Division.

In this role you will be a key member of the Engine Division team responsible for the design and support of engine packages for the Company’s OEM customers. You will also be responsible for CARB and EPA compliance testing, conducting field evaluations of applications in use, and other sales support of engine applications.

Located in Modesto, CA, the position supports H.G. Makelim’s activities in 8 western states with the opportunity to travel throughout the West (about 25% travel).

If you are looking for an opportunity to learn and grow with the best and would like to work with the industry’s top customers and vendors, this could be just what you are looking for! For more information and to apply, please contact Bryce DaFonte at bdafonte@hgmakelim.com or call Bryce at (650) 827-7552.

H.G. Makelim Co. is an equal opportunity employer.
Student Opportunities

Agricultural Machinery Engineer

Summary

This position involves the design and development of new agricultural equipment for the nut harvesting industry. This includes using CAD tools to develop computer models of new machinery and performing engineering analysis on proposed designs.

Job Description

• Responsible for design of new farm machinery for specialized markets
• Assist in maintaining all documentation required to manufacture current product-line of 20+ models; including, but not limited to:
  o Fabrication drawings
  o Weldment drawings
  o Assembly documentation and instructions
  o Bill of Materials
• Involved in routine design updates for existing models
• Undertake research projects to assist with product improvement
• Problem solving for manufacturing processes

Qualifications

• BS in an applicable engineering discipline
• Previous experience in machine design preferred
• Good mechanical background, and understanding of equipment
• Electronic systems and controls programming background is beneficial
• Self motivated, with great attention to detail
• Proficient with engineering and support software such as:
  o Solid Works
  o AutoCad
  o Cosmos
• Experience with an MRP package is desirable
• Comfortable communicating with managers, shop personnel, suppliers and customers
**Student Opportunities**

**Imperial Irrigation District**

**Job Announcement**

1285 Broadway Avenue, El Centro CA 92243
Phone (760) 482-9618, Job Line (760) 482-9620, Web Site www.iid.com

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**Internal & External Applicants**

- **Reference Code:** I50094157
- **Date Posted:** April 13, 2015
- **Job Posting Title:** Engineer, Assistant
- **Department:** Water; Conservation Programs, Headquarters (Imperial)
- **Employment Term:** Full-time
- **Grade:** 24 (Salaried-Exempt)
- **Salary Range:** $68,037 to $86,827 (Annual)
- **Deadline:** Applications must be received no later than 11:45 p.m. on April 28, 2015.

**Primary Function:**

Under general direction performs professional water resources engineering and planning work for the district's irrigation, drainage, power and general facilities. Performs other duties as assigned.

**Minimum Qualifications:**

Bachelor's degree with a major in civil, agriculture, irrigation engineering or related field or Associate's degree with a major in engineering and four years of water resources engineering and planning experience and Engineering-In-Training Certificate is required.

**Specific Skills/Requirements:**

N/A

**Licensing and Certification Requirements:**

A valid driver's license issued by the State of California, Department of Motor Vehicles is required.

A current DMV driving record must accompany job application.

Veterans' Preference (External Applicants Only): Submit DD214 form or other evidence of veterans' status by job posting deadline.

**Testing:**

None

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Employees must notify supervision when applying for a position.
Upon employment, all employees are required to enroll in the District's Pull Notice Program.

**Negative drug test required as condition of employment.**

Equal Employment Opportunity/Affirmative Action Employer
Imperial Irrigation District
Job Announcement
1285 Broadway Avenue, El Centro CA 92243
Phone (760) 482-9618, Job Line (760) 482-9620, Web Site www.iid.com

Internal & External Applicants

Reference Code: I50094158 Date Posted: April 15, 2015

Job Posting Title: Engineering Technician I

Department: Water; Planning & Conservation Management, Conservation Programs, Imperial (Headquarters)

Employment Term: Full-time

Grade: 18 (Hourly)

Salary Range: $51,771 to $66,061 (Annual)

Deadline: Applications must be received no later than 11:45 p.m. on April 30, 2015.

Primary Function:
Under general direction performs paraprofessional engineering work by providing support and assistance to professional engineering personnel. Performs other duties as assigned.

Minimum Qualifications:
Associate's degree with a major in civil or agricultural engineering or related field and two years of engineering technical experience in flow data management, water monitoring, and test and program data communication equipment.

Progressively responsible directly related experience may be substituted for the required education at the ratio of two years of experience for one year of education required.

Specific Skills/Requirements:
N/A

Licensing and Certification Requirements:
A valid driver's license issued by the State of California, Department of Motor Vehicles is required.

A current DMV driving record must accompany job application.

Veterans' Preference (External Applicants Only): Submit DD214 form or other evidence of veteran's status by job posting deadline.

Testing:
None

Employees must notify supervision when applying for a position.
Upon employment, all employees are required to enroll in the District's Pull Notice Program.
Negative drug test required as condition of employment.

Equal Employment Opportunity/Affirmative Action Employer
Student Opportunities

Job: Industrial Technician Manager

Location: Fowler, CA

Job Description

Bee Sweet Citrus, Inc. – (Fowler, CA) is seeking a highly motivated, organized individual with a technical and electrical background for the position of Industrial Technician Manager. This position involves the management of various pieces of packing and sorting equipment used at Bee Sweet Citrus. Bee Sweet Citrus has many pieces of state of the art equipment involved in all parts of the processing and packing fresh citrus. These pieces of equipment include advanced optical sizers and graders, weighing machines for bagging operations, and many different types of bagging machines.

The job responsibilities of this position include, managing a team of technicians in the maintenance of the equipment, ordering parts to keep up with the spare parts inventory for the machines, and communicate with production to fix any issues with the efficiency of the equipment. Other aspects of the job involve being active in preventative maintenance programs and applying these programs to make the equipment run more effectively with minimal downtime.

The position is full-time, year-round salaried with benefits. Experience managing people is a must, along with basic computer knowledge. Experience in the agricultural food packing/processing industry is preferred. Spanish-speaking is a plus.

Experience

- Bachelor’s degree required

Skills & Technical Knowledge

- Understanding of electrical control circuits and PLC applications
- Know how to read electrical schematic diagrams
- Knowledge of different types of sensors, such as: photo eyes, proximity switches, encoders, etc.
- Understanding of pneumatic system components and design
- Understanding of basic operation of electrical motors (3 Phase) and gearboxes
- Must be able to work well with computers
- Be able to order parts based on the equipment’s service and parts manual
- Be able to work effectively within a team
- Be willing to learn new aspects in automation and technology
- Bilingual (English/Spanish preferred)
- Must have basic computer skills and know how to use Microsoft Word, Excel, and Outlook

Physical Requirements

The physical demands listed below are characteristic of those that must be met in order to successfully perform the functions of this position.

- Ability to work in a hot, cold, and/or wet environment up to 98% of the time on the job
- Ability to walk, sit, stand and use hands to finger dexterity, handle, or feel objects
- Ability to reach with hands and arms, climb stairs, balance, stoop, kneel, crouch
- Ability to lift and/or move up to 50 pounds
- Vision abilities required by the job include close vision, distance vision, color vision, depth perception, and the ability to adjust focus
- Must have own car and be able to travel locally

Environmental Conditions

- Works indoors and/or outdoors in areas which may be cold, drafty, damp or hot
- Work is performed in close quarters in storage areas or bin aisles, ramps, or on platforms

Competitive salary and benefits package offered.

Equal Employment Opportunity Employer
JOB: PACKINGHOUSE LINE MANAGER
LOCATION: FOWLER, CA

JOB DESCRIPTION
Bee Sweet Citrus, Inc. - (Fowler, CA) is seeking an energetic, motivated individual(s) to manage several of its fresh citrus packing lines. The position is responsible for the coordinating, sorting and packing of over one million cartons of fresh California citrus.

Job duties include; Oversight of a line supervisors in charge of packers, graders and general labor employees for the packing of the fresh citrus products, operating state-of-the-art sorting equipment, time-based production management, and the integration of modern food safety requirements.

The position is full-time, year-round salaried with benefits. Experience and/or education managing people is a must, along with computer knowledge and skills. Experience in the agricultural food packing/processing

EXPERIENCE

● Bachelor’s degree required (or a minimum of 5 years production line management)

SKILLS & TECHNICAL KNOWLEDGE

● Ability to work effectively and efficiently in a team environment and relate well to others
● Ability to show initiative and commitment to the company’s goals
● Ability to readily adapt to changing requirements
● Strong commitment to performing and producing at the highest level of quality at all times
● Ability to manage individual workflow effectively and improve processes when necessary
● Ability to communicate clearly and effectively with coworkers both written and verbally
● Working knowledge of Microsoft Excel, Word and Outlook
● Bi-lingual (English/Spanish Preferred)

Competitive salary and benefits package offered.

Equal Employment Opportunity Employer
Job: Quality Control/Food Safety Manager

Bee Sweet Citrus, Inc. is seeking an organized, energetic and highly motivated individual to manage Bee Sweet’s Quality Control and Food Safety Program. The position is responsible for the overall implementation and daily management of the QC Program, as well as maintaining an accurate inventory count, research any discrepancy in regards to our extensive food safety system.

Job Duties Include:

- Enforce good manufacturing practices that include, but are not limited to the following: sanitation, pest control, security and temperature management
- Design and implement a comprehensive and ongoing quality control program which includes line personnel training, compliance reviews, corrective actions, maintenance of QC records, and creation of detailed tracking reports.
- Compliance of MRL’s for all domestic, import and export shipments
- Should conduct field inspections related to food safety,
- Must be able to conduct USDA match inspections and third party audits
- Maintain an accurate, quality controlled inventory of produce
- Must maintain high quality of citrus by keeping an accurate record of its status in storage

Skills and Technical Knowledge

- Ability to work effectively and efficiently in a team environment and relate well to others
- Must show initiative and commitment to the company goals
- Able to adapt to changing requirements
- Strong commitment to performing and producing at the highest level at all times
- Ability to manage individual workflow effectively
- Able to communicate clearly with coworkers both in writing and verbally
- Knowledge of Microsoft. Word, outlook
- Must possess current knowledge of the industry’s food safety regulations, health and safety and hazard prevention.
- Bi-lingual (English-Spanish preferred)

Competitive salary and benefits package offered. EOE. Experience Required.
PRODUCTION INTERNSHIP OPPORTUNITIES

LOCATION: FOWLER, CA

PRODUCTION MANAGEMENT
Bee Sweet Citrus is seeking energetic, motivated individuals in their last year of study toward their Bachelor of Science Degree with an emphasis in Agricultural Management (or other related degrees) to engage in the management of its fresh citrus packing lines. The intern(s) will be responsible for the sorting and packing of over one million cartons of fresh California citrus. Job duties include; oversight of a line supervisors in charge of packers, graders and general labor employees for the packing of the fresh citrus products, operating state-of-the-art sorting equipment, time-based production management, and the integration of modern food safety requirements. Bi-lingual is helpful.

FOOD SAFETY
Bee Sweet Citrus is seeking organized energetic, detailed oriented students in their final year of study with an emphasis in the Agricultural Study of Food Safety. The intern(s) will engage in the daily active food safety management of the production facilities including the implementation of sanitation SOP’s, detailed inspection compliance protocols, and the implementation of GAP Programs for the companies’ production facilities and citrus ranches. Internships in this department will engage in the ongoing implementation of the Food Safety Modernization Act as well as HACCP standards. Bi-lingual is helpful.

QUALITY CONTROL
Bee Sweet Citrus is seeking organized, energetic, and detailed oriented students whose emphasis of study relates to the quality control of fresh packed products. The intern(s) will engage in the daily production of the different packing lines by checking the quality of the packed product. This will include checking the citrus product for overall quality, packing materials, proper labeling of the finished packages, and communicating quality control issues to management. The intern will work within a quality control team and will learn many different aspects of the various citrus commodities. Bi-lingual is helpful.

INDUSTRIAL TECHNOLOGY
Bee Sweet Citrus is seeking highly technical students that are studying Agricultural Industrial Technology to assist with Bee Sweet’s optical graders, optical sizers, brix laser sensors, PLC operated production conveyor systems, high tech automated bagging equipment and other high tech production equipment for the operation of its state of the art citrus packing facility. Interns will learn and apply skills that they have developed during their studies. Interns working with Bee Sweet’s IT Department are hands on with Bee Sweet’s technical equipment and will be required to utilize both their management and technical skills. Bi-lingual is helpful.
Sustainable Food Systems & The Role of Technology

An intellectual discussion led by a panel of experts including academics, growers, seed producers, and professionals in the food industry with the purpose of bringing a more well-rounded perspective on the issues surrounding GMO’s.
Our annual end of year awards banquet recognizes the hard working students of the BRAE Dept. and their accomplishments made throughout the year. We have many exciting events planned that you don’t want to miss. There are many scholarships to be given out along with department awards.

Ticket Prices

BRAE Dept. Students: $30.00

Guests: $35.00

Sign up in the BRAE Office Bldg. 8 Room 101
Last day to sign up: May 8, 2015

Catered Dinner: Your choice of Rib Eye, Salmon, or Vegetarian. All dinners are served with mixed green salad, homemade dinner rolls, whipped potatoes, seasonal vegetable, coffee, tea, or milk, and a dessert. No host bar, your choice of soda, ice tea or coffee is included with dinner.

Questions please contact Jenna Smiley, AES Vice President jdsmiley@calpoly.edu

Please pay by May 15th! There will be no paying at the door this year. Please come into the office to pay and sign up!
Safety Tip of the Week

NO horseplaying in the labs at any time!

Remember if you have any questions, ask Virgil or one of the shop technicians.

This is a staged event, do not attempt.
# MAY CALENDAR

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For more events check out the Department Calendar: https://connect.calpoly.edu/home/amaccarl@calpoly.edu/BRAE%20Department%20Events.html