Welcome to Spring Quarter 2018! Here are key dates to note for the quarter:

- **First Day of Spring Quarter**: Monday, April 2nd
- **AES Elections**: Wednesday, April 11th
- **Cal Poly Open House**: April 12-14th
- **CAFES Council Spring Sports Day**: Saturday, April 28th
- **Deadline for BRAE Department Scholarship Application**: Monday, April 30th
- **FFA State Finals**: Saturday, May 5th
- **CAFES Leadership Banquet**: Monday, May 7th
- **AES/BRAE Banquet**: Saturday, May 19th
- **No Class (Memorial Day)**: Monday, May 28th
- **Final Day of Spring Quarter**: Friday, June 8th
- **Final Examination Period**: June 11-15th
- **Commencement**: June 16-17th

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<tr>
<th>Looking Ahead to Spring Quarter</th>
<th>Calendar Page 3</th>
<th>Updates Page 4-8</th>
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<tbody>
<tr>
<td><strong>Page 2</strong></td>
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GW Bates will present a lecture on campus Thursday, April 5, 2018 at noon in 8A-33.

Bates completed his Ph.D. in Systems and Engineering Management from Texas Tech and previously received a Masters from the University of Washington and a bachelors from Cal Poly. Bates has lectured on Cal Poly’s campus since 2012.

Mohammed Sadek will present a lecture on campus Monday, April 9, 2018 at 11AM in 8A-33.

Sadek completed his PhD in Biosystems Engineering from the University of Manitoba, Winnipeg in 2013 and previously attended the Asian Institute of Technology in Bangkok, Thailand and the Bangladesh Agricultural University in Mymensingh, Bangladesh.

Pizza will be provided prior to the event.
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2018 SUMMER PAID INTERNSHIP
Dam Safety

The Turlock Irrigation District operates and maintains five hydroelectric projects with 27 dams and dikes. This unique opportunity will expose interns to dams and hydroelectric facilities, inspections and assessments, capital improvement projects, operation and maintenance, regulatory compliance, and other work. All interns must be active college students or recent graduates in a relevant engineering field with a GPA of 3.0 or better.

Summer Schedule 2018
Up to 40 hours per week, Monday through Friday, 8:00 am to 5:00 pm; occasional schedule changes as needed to meet the requirements of the job.

Supervision
• Will report to the Chief Dam Safety Engineer
• Must be able to work under direct supervision, in a team environment, and independently

Primary Purpose
This position will be responsible for managing or contributing to one or more assigned projects. Frequent professional communication and interaction with internal customers is required. By the end of the internship, the intern will have completed a minimum of one assigned project and will present a summary of their project(s) to upper-management.

Essential Responsibilities and Expectations
• Define problems, research alternatives, and collect/analyze data to determine best processes and methods for a solution
• Lead/oversee assigned project(s) of various scope and complexity
• Create, input, format, maintain and update a variety of projects, reports and spreadsheets
• Regularly and clearly communicate with manager and internal customers on the status of projects
• Display professionalism at all times
• Present project information at the end of the internship to communicate research, findings and analysis

Requirements
• Full time student or recent graduate in good standing actively pursuing or having earned a degree in Civil, Mechanical, Geotechnical, or related engineering field
• Ability to work a minimum of 320 hours during the 2018 summer/fall
• Ability to demonstrate professional verbal, written and interpersonal communication skills
• Excellent computer skills especially in Excel, Word and PowerPoint
• Ability to manage multiple tasks
• Pass pre-employment drug screening, physical screening, and criminal background check

Interested applicants, please contact Adam Bolanos at abbolanos@tid.org or at (209) 883-8620 to submit your application by April 30, 2018.

Candidate application review will begin immediately.
Meetings are Wednesday’s 4:30-6:30 pm in room 8A-3E

This Week’s Lesson
8-3E (PC/Electronics Lab)
AgBot Team Update

Come Hang Out With Us!

Stop by for games and candy!

Job Opportunity
FarmWise: Deployed Mechanical Engineer Intern
“FarmWise is looking for a mechanically inclined intern to work with us this summer. We are developing an autonomous tractor to firstly complete autonomous weeding.”

Info Here!

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!

Info Here!
THRIVE-X CHALLENGE
LAUNCH YOUR AGTECH STARTUP

WIN $10,000 AND THE OPPORTUNITY TO PRESENT YOUR AGTECH IDEA TO LEADING AGRICULTURE COMPANIES FROM AROUND THE WORLD

What is the THRIVE-X Challenge?
Students are tasked with developing a solution to solve one of agriculture’s toughest problems – how to solve the shortage of labor affecting the harvest of crops.

Who is eligible to apply?
The THRIVE-X Challenge is open to all students attending Cal Poly SLO and Santa Clara University. Students will form teams, whereupon each team must identify a team leader who will register their team at www.thriveagtech.com/thrive-x-registration by April 27, 2018.

What is the application comprised of?
Teams will develop their solution, write it up, and then build a 3-minute video summarizing why their solution is the best approach to labor shortages in agriculture. The final write-up and video should be submitted online no later than May 25, 2018.

The two winning teams will be announced on June 8 and must be available to present at THRIVE’s Demo Day at the Forbes AgTech Summit, June 26-28. The presentation will take place in front of some of the largest AgTech companies and investors who will be there to hear pitches from THRIVE’s spring startup cohort. The first place team will receive a $10,000 cash prize, the second place team will receive a $5,000 cash prize.

APPLY NOW!
www.thriveagtech.com/thrive-x-registration
Or email us with questions: THRIVEX@svgpartners.com

The THRIVE AgTech Venture and Innovation platform works with some of the largest food & agriculture brands in the world to address the industry’s most pressing challenges. THRIVE runs a 10-week seed startup accelerator program as well as a corporate innovation program on an ongoing basis.
What is it?
Teams of students compete to develop the best solutions to one of agriculture's toughest problems – not enough labor to harvest crops.

How does it work?
Each team selects a team leader who registers at [http://thriveagtech.com/thrive-x-registration](http://thriveagtech.com/thrive-x-registration) (Registration will open April 3, 2018 and close April 27, 2018). Each team will submit a complete write-up and a video that is 3 minutes or less no later than May 25, 2018. The THRIVE team will review all entries, pick the two best solutions, and notify the two winning teams no later than June 8, 2018.

What do the winning teams get?
The two winning teams will have the chance to present at the THRIVE Demo Day event in Salinas, California at the Forbes AgTech Summit from June 26-28. The presentation will be in front of some of the largest AgTech companies and investors, who will be there to hear pitches from the 2018 THRIVE Accelerator spring startup cohort seeking investment. The first place team will also get a $10,000 cash prize and the second place team will get a $5,000 cash prize.

What if I have questions?
Email THRIVEX@svgpartners.com and we will get back to you with an answer.

What is THRIVE?
The THRIVE AgTech Venture and Innovation platform works with some of the largest food & agriculture brands in the world to address the industry’s most pressing challenges. Yearly, THRIVE runs a 10-week seed startup accelerator program as well as an ongoing corporate open innovation program.
SWE Welcome Volunteer and Host Recruitment!

Who: Hosts are female engineering students, Day-Of-Volunteers are any students in engineering majors.  
What: An opportunity to volunteer with conditionally accepted high school girls. Day hosts will show their shadow students around campus and take them to classes, while night hosts will provide a place to stay in their on campus residence hall for the night. Hosts can have shadows for the day on Thursday, the night from Thursday to Friday, or both! **All night hosts must live on campus.** Day-Of-Volunteers will assist with checking in the participants and other tasks to help the event run smoothly. **All hosts and volunteers will receive a free lunch and t-shirt!**  
When: Thursday, April 12th to Friday, April 13th  
Why: We want to get high school girls excited about what Cal Poly’s engineering program has to offer them.  
Sign up to be a Host: [here](#) and use the password **springwelcome18**  
Sign up to be Day-Of-Volunteer: [here](#)

If you have any questions please email me or [cpswehsoutreach@gmail.com](mailto:cpswehsoutreach@gmail.com).

Julia Ryan  
Industrial Engineering  
Cal Poly, San Luis Obispo  
jryan17@calpoly.edu