




Rising Data Training, July 10 - July 15 2017

	Monday 10	Tuesday 11	Wednesday 12	Thursday 13	Friday 14	Saturday 15
9:00 - 9:30	• Welcome/Introductions - <i>Lauren, Erin</i>	• Payload Build - <i>All</i>	• Drone Build - <i>All</i>	• Drone Flight- <i>Greg and crew</i> 	• Discuss Curriculum Implementation at CCs - <i>Lauren, Erin</i>	• Rocket Launch with Tripoli - <i>All</i> 
9:30 - 11:45	• Start Rocket Build - <i>All</i>				• Examples: Reedley, NVC, IVC - <i>Lauren, Erin</i>	
10:45 - 11:00	Break	Break	Break	Break	Break	
11:00 - 11:30	• Continue	• Continue	• Continue	• Drone Certification and Regulations - <i>Lauren, Erin</i>	• Continue	
11:30 - Noon				• Continue	• Continue	
Noon - 1pm	Lunch	Lunch	Lunch	Lunch	Lunch	
1:00 - 1:30	• Discuss Rocketry Issues for Classroom - <i>Lauren, Erin</i>	• Discuss Payload Issues for Classroom - <i>Lauren, Erin</i>	• Continue	• Discuss Drones in Classroom - <i>Lauren, Erin</i>	• Continue	
1:30 - 2:45	• Set up Arduino IDE - <i>Kevin, Lauren, Erin</i>	• Data Analysis of Sample Rocket Launch - <i>All</i>		• Drone Maintenance/ Battery/Troubleshooting - <i>Greg and crew</i>	• WestEd Debriefing	
2:45 - 3:00	Break	Break	Break	Break	Break	
3:00 - 4:00	• Blink Arduino Exercise - <i>All</i>	• <i>Year 1 case studies: data analysis on rockets and modifications for pressure - Lauren, Erin, Alec, Kevin</i>	• Calibrate and Pair Drones - <i>All</i>	• Analyze Drone Data - <i>Lauren, Erin</i>	• Integrate Payload into Rocket - <i>All</i>	
4:00 - 4:30	• Soldering Refresher - <i>Lauren, Erin</i>		• Integrate Payload on Drone - <i>All</i>	• Indoor Flights for more Practice 	• Continue Curriculum Discussions as Needed - <i>Lauren, Erin</i>	
4:30 - 5:00	• Start Payload Build (as time allows) - <i>All</i>		• Flying Toy Drones / Safety Chat - <i>Greg</i>			

The training will take place at:
CSU Fresno Engineering East

Macaroni Grill 7650 N Blackstone Ave, Fresno at 6pm







• All workshop activities will take place in EE 223 (Engineering East 223), which is on the second floor of the Engineering East building.

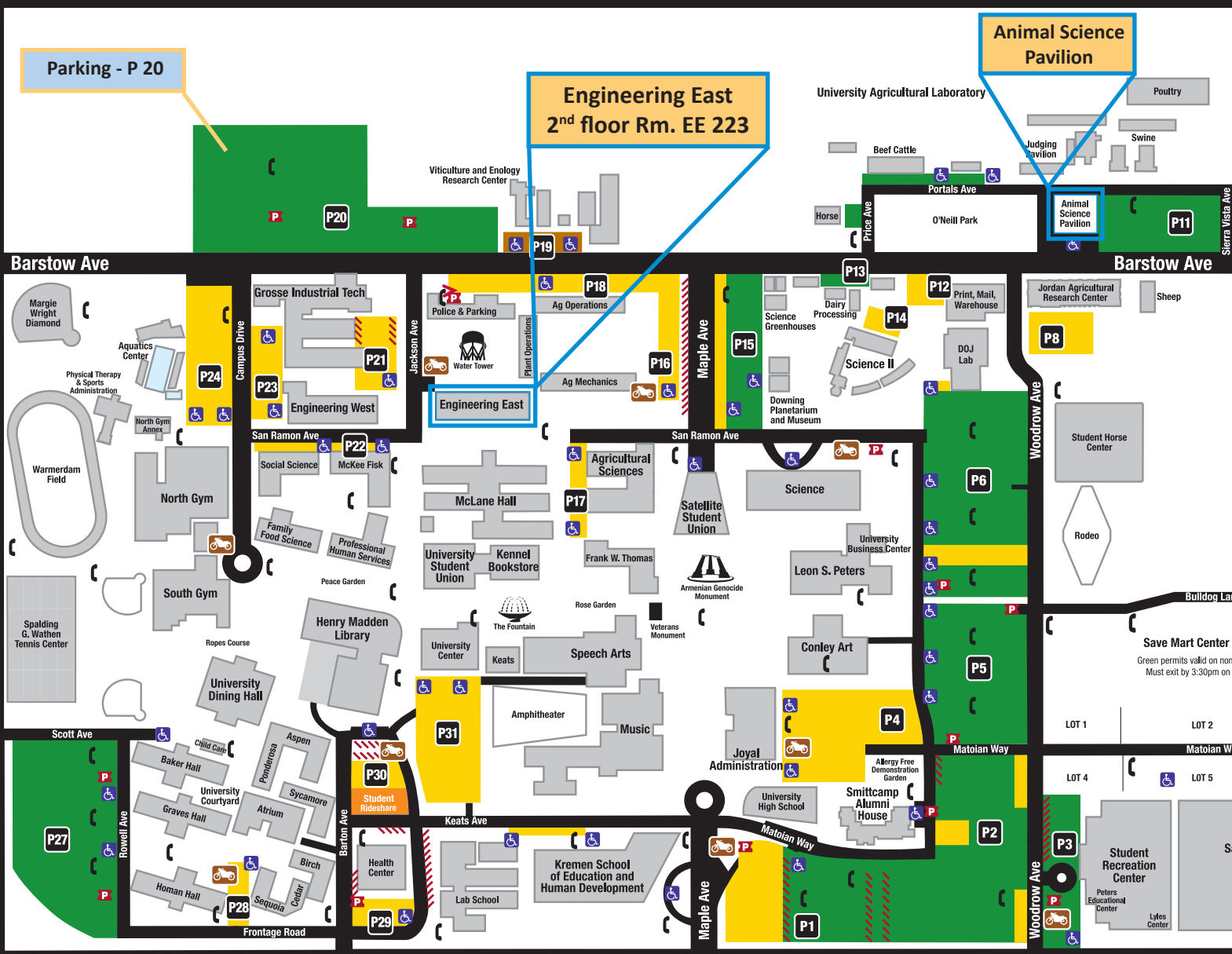
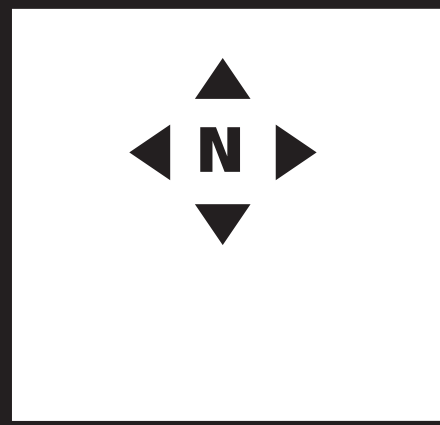
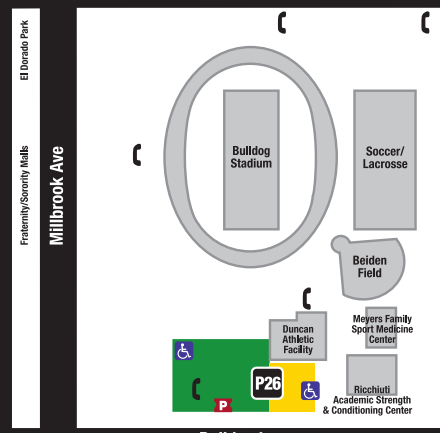
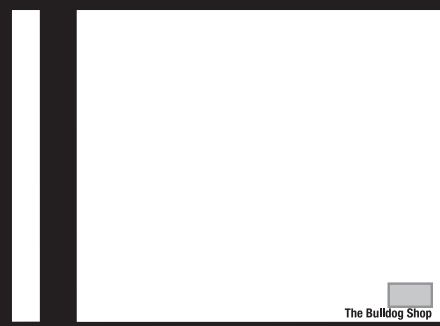
• Drone Flights:

- Outdoor drone flights will take place at *Clovis Community College*. Parking in Lot C or D and flying on the fields (dirt) to the west of the Campus entrance on Behymer Ave access road.
- Indoor Flights for more Practice at *Fresno State Animal Science Pavilion*

• Please refer to the following maps for locations

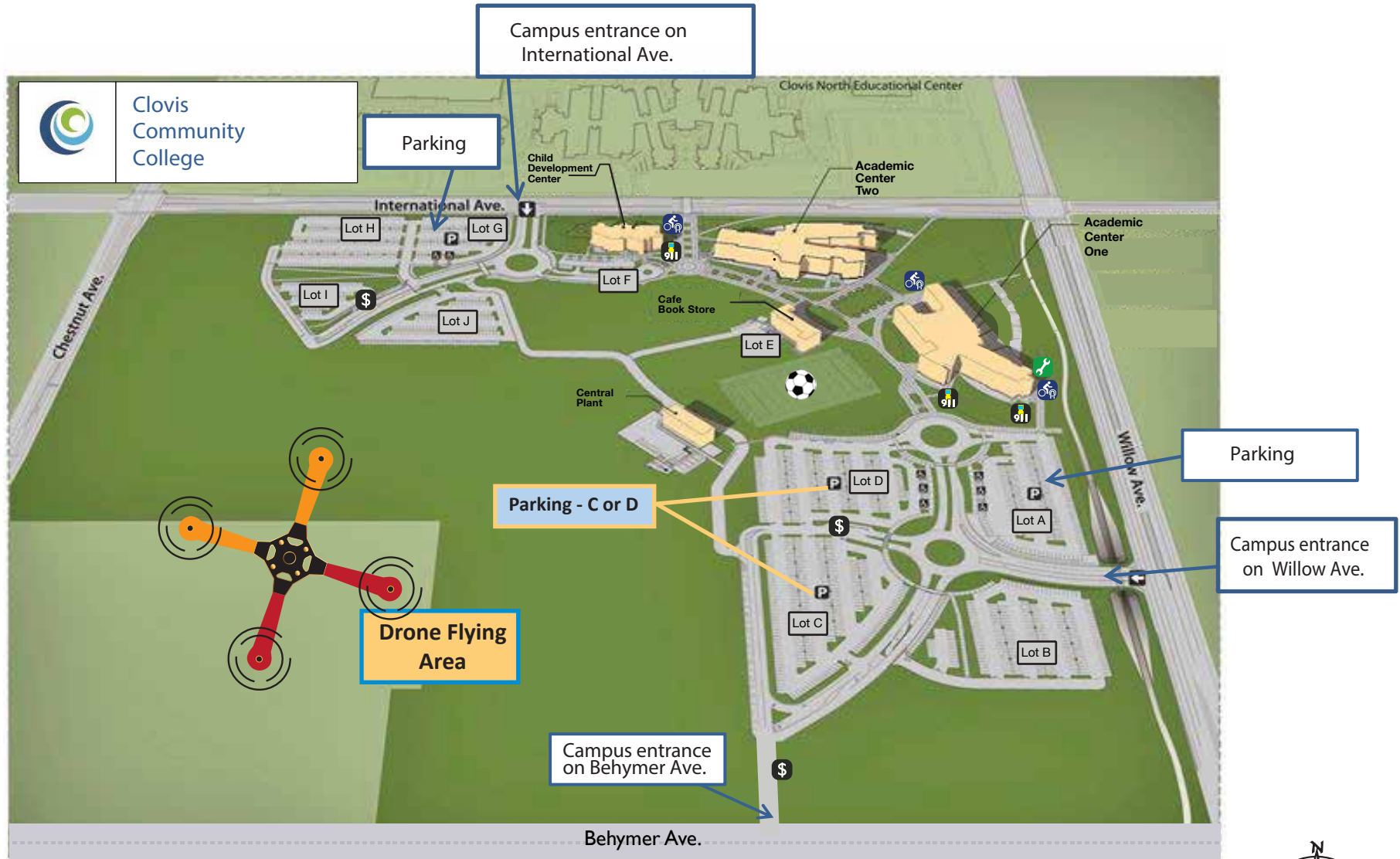
<http://lbym.sonoma.edu/RisingData/>


 Presentation	 Discussion	 Breaks
 Hands-on/Building	 Flight	 Meals on your own





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Green Permit (Student/Visitor Parking)	Blue Permit (Disabled Parking)	Short Term Parking	Parking Meters
Yellow Permit (Employee Parking)	Motorcycle Parking	Daily Parking Permit Dispensers	Emergency Telephone



-  Entrance
-  Bike Rack
-  Bike Repair
-  Handicapped Parking
-  Soccer Field
-  Parking Permit Dispenser
-  Emergency Post

-  Existing Buildings
-  Parking Lot Name

- Academic Center One:**
- AC1 260 Administration
 - AC1 160 ASG Office
 - AC1 150 Forum Hall

- Academic Center Two:**
- AC2 141 Financial Aid
 - AC2 133 Counseling
 - AC2 115 Health Services
 - AC2 144 Library

