




# Rising Data Training, July 10 - July 15 2017

	Monday 10	Tuesday 11	Wednesday 12	Thursday 13	Friday 14	Saturday 15
9:00 - 9:30	<ul style="list-style-type: none"> <li>Welcome/Introductions - <i>Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Payload Build - <i>All</i></li> </ul>	<ul style="list-style-type: none"> <li>Drone Build - <i>All</i></li> </ul>	<ul style="list-style-type: none"> <li>Drone Flight- <i>Greg and crew</i></li> </ul> 	<ul style="list-style-type: none"> <li>Discuss Curriculum Implementation at CCs - <i>Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Rocket Launch with Tripoli - <i>All</i></li> </ul> 
9:30 - 11:45	<ul style="list-style-type: none"> <li>Start Rocket Build - <i>All</i></li> </ul>				<ul style="list-style-type: none"> <li>Examples: Reedley, NVC, IVC - <i>Lauren, Erin</i></li> </ul>	
10:45 - 11:00	Break	Break	Break	Break	Break	
11:00 - 11:30	<ul style="list-style-type: none"> <li>Continue</li> </ul>	<ul style="list-style-type: none"> <li>Continue</li> </ul>	<ul style="list-style-type: none"> <li>Continue</li> </ul>	<ul style="list-style-type: none"> <li>Drone Certification and Regulations - <i>Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Continue</li> </ul>	
11:30 - Noon						
Noon - 1pm	Lunch	Lunch	Lunch	Lunch	Lunch	
1:00 - 1:30	<ul style="list-style-type: none"> <li>Discuss Rocketry Issues for Classroom - <i>Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Discuss Payload Issues for Classroom - <i>Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Continue</li> </ul>	<ul style="list-style-type: none"> <li>Discuss Drones in Classroom - <i>Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Continue</li> </ul>	
1:30 - 2:45	<ul style="list-style-type: none"> <li>Set up Arduino IDE - <i>Kevin, Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Data Analysis of Sample Rocket Launch - <i>All</i></li> </ul>		<ul style="list-style-type: none"> <li>Drone Maintenance/ Battery/Troubleshooting - <i>Greg and crew</i></li> </ul>	<ul style="list-style-type: none"> <li>WestEd Debriefing</li> </ul>	
2:45 - 3:00	Break	Break	Break	Break	Break	
3:00 - 4:00	<ul style="list-style-type: none"> <li>Blink Arduino Exercise - <i>All</i></li> </ul>	<ul style="list-style-type: none"> <li>Year 1 case studies: data analysis on rockets and modifications for pressure - <i>Lauren, Erin, Alec, Kevin</i></li> </ul>	<ul style="list-style-type: none"> <li>Calibrate and Pair Drones - <i>All</i></li> </ul>	<ul style="list-style-type: none"> <li>Analyze Drone Data - <i>Lauren, Erin</i></li> </ul>	<ul style="list-style-type: none"> <li>Integrate Payload into Rocket - <i>All</i></li> </ul>	
4:00 - 4:30	<ul style="list-style-type: none"> <li>Soldering Refresher - <i>Lauren, Erin</i></li> </ul>		<ul style="list-style-type: none"> <li>Integrate Payload on Drone - <i>All</i></li> </ul>	<ul style="list-style-type: none"> <li>Indoor Flights for more Practice</li> </ul> 	<ul style="list-style-type: none"> <li>Continue Curriculum Discussions as Needed - <i>Lauren, Erin</i></li> </ul>	
4:30 - 5:00	<ul style="list-style-type: none"> <li>Start Payload Build (as time allows) - <i>All</i></li> </ul>		<ul style="list-style-type: none"> <li>Flying Toy Drones / Safety Chat - <i>Greg</i></li> </ul>			

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.

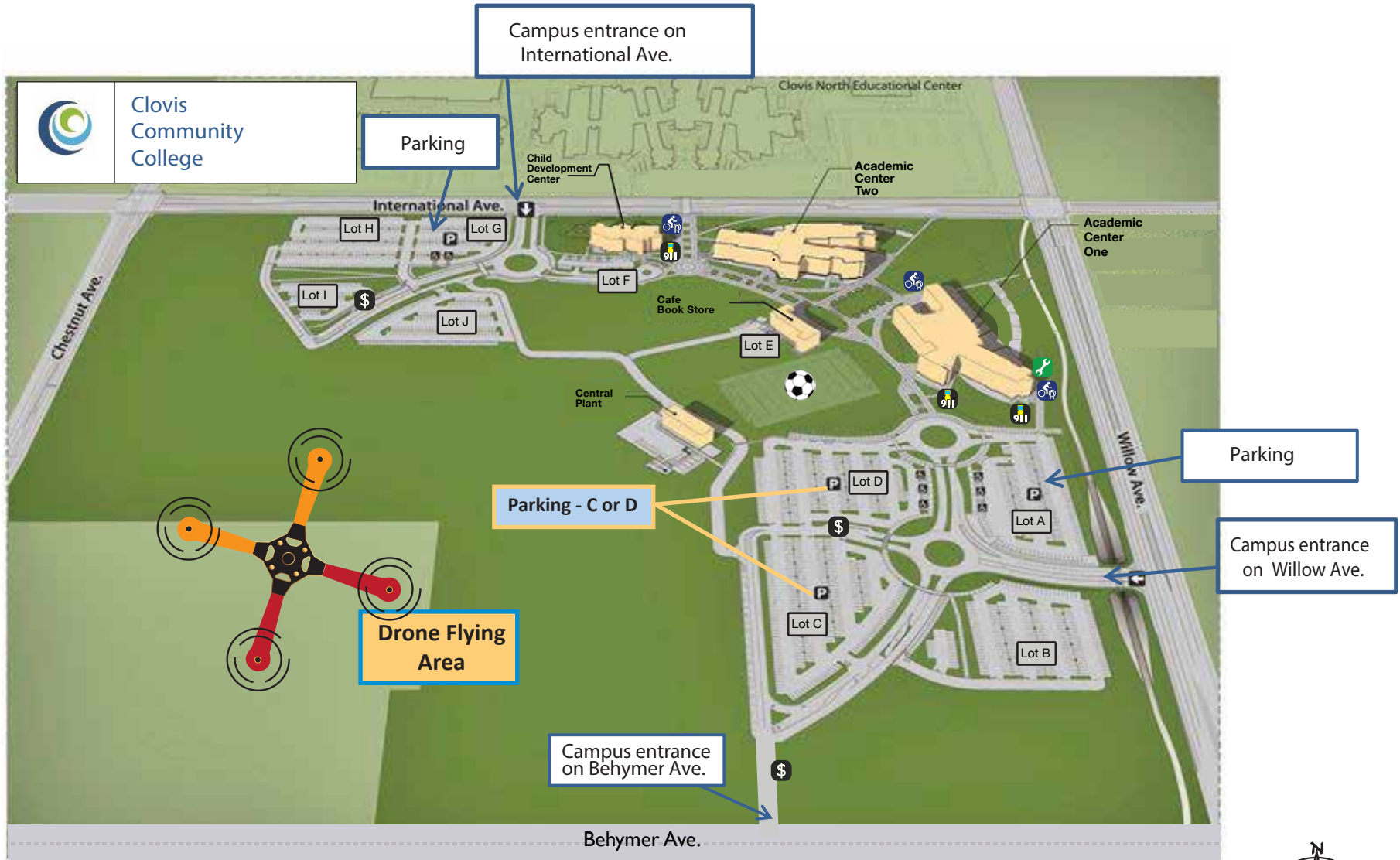
- Drone Flights:
  - Outdoor drone flights will take place at *Clovis Community College*. Parking in Lot C or D and flying on the fields (dirt) to the west of the Campus entrance on Behymer Ave access road.
  - Indoor Flights for more Practice at *Fresno State Animal Science Pavilion*








- Please refer to the following maps for locations



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

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





-  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

