

MONDAY July 18th		
8:30 -9:30	BRCC Cypress C131	INTRODUCTIONS/SAFETY/INITIAL ASSESMENT
9:30 - 10:00	BRCC Cypress C131	SPAGUETTI DERRICK
10:00 - 10:30	BRCC Cypress C131	ENERGY BASICS and challenge
10:30-10:40		BREAK -
10:40 - 12:00	BRCC Cypress C131	BASIC PARAMETERS activities: Density, Pressure, Heat, Electricity Phase Change, Bernoulli.
12:00 - 12:30	BRCC Cypress C131	DEMO
12:30 - 1:00	Cafeteria	LUNCH
1:00 - 1:30	BRCC Cypress C131	Review JEOPARDY Game
1:30 - 2:00	BRCC Cypress C131	PVC pipe team strategy game
2:00 - 2:45	BRCC Cypress C131	Combustion car engine, torque and gears
2:45 - 3:15	BRCC Cypress C131	JEOPARDY Game
		BREAK
3:15 - 4:00	BRCC Cypress C130	Egg drop
4:00 - 4:30	BRCC Parking lot	Egg Drop Test
4:30 - 5:00	BRCC Cypress C131	Clean up/ Pick up
TUESDAY July 19th		
8:30-9:00	BRCC Hooper Road	Introduce BRCC to the students. Talk about careers at BRCC. Introduce aviation
9:00 - 10:00	BRCC Hooper Road	Aerospace technology
10:05 - 10:15		BREAK
10:20 - 11:30	BRCC Hooper Road	Aerospace technology
11:30 - 12:00		Introduce Today's PTEC lab
12:00 - 12:30		LUNCH -
12:30 - 1:15	BRCC Hooper Road	Coca cola - Operations/ Process Description - STEM
1:20 - 2:00	BRCC Hooper Road	Process Technology basic components
2:00 - 2:30	BRCC Hooper Road	Large Distillation Column Activity
2:30 - 2:45		BREAK
2:45 - 3:30	BRCC Hooper Road	Process Technology - Large processes
3:35 - 4:30	BRCC Hooper Road	Time to work on Power Points
4:30 - 5:00	BRCC Hooper Road	Clean up/ Pick up
Wednesday July 20th		
8:15 - 8:30	LSU Student Union	drop off
8:45 - 9:00	COGEN Plant	Introduction to today's lab activities
9:00-10:00	COGEN Plant	LSU COGEN process
10:00-10:15		BREAK walk to physics building
10:15 - 12:00	LSU Physics 4th Floor Room 435	ROBOTICS
12:00-1:00		LUNCH -
1:00 - 2:00	LSU Physics 4th Floor Room 435	ROBOTICS
2:00 - 3:00	LSU Physics 4th Floor Room 435	Work on Power points
3:00 - 3:30	LSU Physics 4th Floor	LSU fun CHEMISTRY

	Room 435	
	BREAK	
3:30 - 4:00	LSU Physics 4th Floor Room 435	Present Power points
4:00 - 4:30	LSU Physics 4th Floor Room 435	LSU CCT- Energy-Harvesting Electronic Musical Instruments
4:30 - 5:00	Student Union	Clean up/ Pick up
		Thursday July 21st
8:30-9:00	Frank Walk Room	The path of an engineer PhD student
9:00 - 10:30	Frank Walk Room	Cars and car races
10:30-10:40		BREAK-
10:40 - 11:00	Frank Walk Room	Hydrogen Power - other fuels Solar Homes
12:05-12:55		Lunch -
1:00 - 1:30	Frank Walk Room	Solar Home test
1:30 - 2:50	Frank Walk Room	Wind Power
2:50 - 3:00		BREAK
3:00 - 3:30	Frank Walk Room	Wind Power Races
3:30 - 4:30	Frank Walk Room	Introduction to next day PERTT (sample calculations/ activities)
4:30 - 5:00	Frank Walk Room	Clean up/ Pick up
DRAFT		Friday July 22nd
8:30 - 9:30	LSU PERTT Lab	1st group: 20min: PERTT process 20 min How a Christmas tree and Utube demo works.
9:30 - 10- 30	LSU PERTT Lab	2nd group: 15 min PERTT tour; 15 min U-tube; 30 min Christmas tree competition
10:30 - 10:45	walk	BREAK
10:45 - 12:00	La House LSU	Video /tour/ Experiments
12:15-12:45	PERTT	LUNCH
12:45 - 2:00	LSU PERTT Conference Room	Work on final presentations
2:00 - 2:30	LSU PERTT Conference Room	Highlights
2:30 - 3:00	LSU PERTT Conference Room	SHELL OIL Engineers
3:00 - 4:00	LSU PERTT Conference Room	Final Presentations
4:00 - 4:30	PERTT	Small Gathering