

STEM Camp Agenda Summer 2017

Alex City Campus June 5-9

CACC Betty Carol Graham Center

June 5, 2016 Lego Camp Day 1

7:30 – 8:00 Refreshments & Registration
8:00 - 8:30 Orientation, Introductory Remarks, & choose partner for Lego Competition
8:30 - 11:00 Build CACCSCAR 5 Racer
11:00 – 11:30 CACCSCAR 5 Competition
11:30 - 12:00 Lunch
12:00 – 2:30 Build the Peanut 2 Racer
2:30 - 3:00 Peanut 2 Competition

June 6, 2016 Lego Camp Day 2

8:00 - 11:00 Build the Go Get the Cheese Mouse
11:00 – 11:30 Go Get the Cheese Competition
11:30 - 12:00 Lunch

12:00 - 2:30 Build a Dragster
2:30 - 3:00 Drag Races

June 7, 2016 Field Trip NO SHORTS OR OPEN TOED SHOES TODAY!

8 – 10:30 Field trip to local auto parts factory –no open toed shoes or shorts!
10 - 10:30 Lunch
10:30 Leave for the day trip to the Hyundai manufacturing facility
3:00 Return from Hyundai factory

June 8, 2016 Tech Applications I & II

We will divide into two groups. One group will work with the big robot and get instructions in Programmable Logic Controllers. The other group will go to the welding shop to work with the welding simulator and the welding robot. After lunch, the two groups will switch places.

8:00 - 11:30 Group 1 – PLC (Room 202) / Group 2 – Welding shop (up on the hill)
11:30 - 12:00 Lunch
12:00 - 3:00 Group 2 – PLC (Room 202) / Group 1 – Welding shop (up on the hill)

June 9, 2016 Computer Workshop & PowerPoint Presentations

8:00 - 12:00 Computer Introduction and Power Point workshop
11:30 - 12:00 Lunch
12:30 – 2:45 Power Point Presentations
2:45 - 3:00 Awards Ceremony