

STEM Camp Agenda Summer 2017

Alex City Campus June 12 - 16

CACC Betty Carol Graham Center

June 12, 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 13, 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 14, 2016 Field Trip NO SHORTS OR OPEN TOED SHOES TODAY!

8:15 Leave for the day trip to the Hyundai manufacturing facility
No open toed shoes or shorts
12 – 12:30 Lunch

12:20 Depart for field trip to local auto parts manufacture
3:00 Return to CACC

June 15, 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 16, 2016 Computer Workshop & PowerPoint Presentations

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