June 5-8: *Drone Camp at Auburn University*

Target Age: Rising 7th-9th graders   **9:00 AM-4:00 PM** (daily), **morning and afternoon snacks** included

Program Fees:
   $395 for AU employees, **$425** for non-AU employees (by May 8th; **$30** late fee after 5pm on May 8th)

Camp Description:
   Students will learn about the basics of flight, the anatomy of a drone, and different uses of drones in research and industry; practice engineering design; take data using drones; and learn how to program and pilot their drone to fly through an obstacle course designed by the participants. Students will receive a **camp T-shirt** and participate in activities led by robotics experts and experienced science teachers. Students should plan to **bring a sack lunch each day**. Students will also receive a **mini-drone to take home** at the end of the camp!

Registration Link: *https://goo.gl/forms/dFfgi2SJc9gxiNxk1*

June 27-30: *Drone and Aviation Camp at The Southern Museum of Flight (Birmingham, AL)*

Target Age: Rising 6th-9th graders   **9:00 AM-4:00 PM** (daily), **morning and afternoon snacks** included

Program Fees:
   $15 non-refundable processing fee
   $425 for SMoF members, **$450** for non-members (by May 22nd; **$50** late fee after 5pm on May 22nd)

Course Description:
   Students will learn about the basics of flight, get into an aircraft cockpit, fly in computer flight simulators, and tour different flight facilities such as the Birmingham Airport Authority, Birmingham Flight School, Private and Corporate Hangers, and the 117th Air Refueling Wing. They will also learn about the anatomy of a drone and different uses of drones in research and industry, practice engineering design, take data using drones, and learn how to program and pilot their drone to fly through an obstacle course designed by the participants. Students will receive a **camp T-shirt** and participate in activities led by robotics and flight experts and experienced science teachers. Students should plan to **bring a sack lunch each day**. Students will also receive a **mini-drone** and build their own **gliders to take home**!

Registration Link: *https://goo.gl/forms/t9m3LHmroYLrE3uT2*

July 10-14: *Summer SCORE Camp at Auburn University*

Target Age: Rising 3rd-6th graders   **9:00 AM-12:00 PM OR 1:00 PM-4:00 PM** (half day), **morning OR afternoon snack** included

Program Fees:
   $95 for AU employees, **$109** for non-AU employees (by June 12th; **$20** late fee after 5pm on June 12th)

Course Description:
   Students will learn about the basics of robotics, the anatomy of a robot, and different uses of robots in research and industry; participate in make and take robotics activities; and learn how to program and drive their robots in a variety of challenges. Students will receive a **camp T-shirt** and participate in activities led by robotics experts and experienced science teachers.

Registration Link: *https://goo.gl/forms/clxqfCpY7c39RRS23*

July 24-28: *Chaotic Robotics at Auburn University*

Target Age: Rising 7th-9th graders   **9:00 AM-3:00 PM** (daily), **morning and afternoon snacks** included

Program Fees:
   $315 for AU employees, **$345** for non-AU employees (by June 12th; **$30** late fee after 5pm on June 12)

Course Description:
   Working in teams, students engage in real-world design scenarios that will culminate in a friendly competition on the last day of the camp. Students are introduced to the engineering design process and the importance of engineering notebooks and will gain hands-on experience programming and building robots using VEX robotics kits. The programming portion teaches logic that is applicable to any other programming language and the VEX robotics control system is used in other robotics competitions such as BEST Robotics. Students will receive a **camp T-shirt** and participate in activities led by robotics experts and experienced science teachers. Students should plan to **bring a sack lunch each day**.

Registration Link: *https://goo.gl/forms/ejgHYJV95hADV4wG2*

July 31-August 4: *Chaotic Robotics at the Southern Museum of Flight (Birmingham, AL)*

Target Age: Rising 7th-9th graders   **9:00 AM-3:00 PM** (daily), **morning and afternoon snacks** included

Program Fees:
   $15 non-refundable processing fee
   $350 for SMoF members, **$375** for non-members (by June 12th; $25 late fee after 5pm on June 12)

Course Description:
   Working in teams, students engage in real-world design scenarios that will culminate in a friendly competition on the last day of the academy. Students are introduced to the engineering design process and the importance of engineering notebooks and will gain hands-on experience programming and building robots using VEX robotics kits. The programming portion teaches logic that is applicable to any other programming language and the VEX robotics control system is used in other robotics competitions such as BEST Robotics. Students will receive a **camp T-shirt** and participate in activities led by robotics experts and experienced science teachers. Students should plan to **bring a sack lunch each day**.

Registration Link: *https://goo.gl/forms/jNAMwbmjDjEJb7u33*