

# Summer SCIENCE Sessions

## LAUREL OAKS CAREER CAMPUS

(300 Oak Drive, Wilmington)

*Designed for students entering grades 6-8*

**June 24** (9 a.m. - 3 p.m.) - **Build your own Delta Dart**

**June 25** (9 a.m. - 3 p.m.) - **You be the Pilot**

**June 26** (9 a.m. - 3 p.m.) - **Bottle Rocket Blast Off**

**June 27** (9 a.m. - 3 p.m.) - **Tour AMES & Control Tower\***

**June 28** (9 a.m. - 3 p.m.) - **Visit the US Air Force Museum\***

## LAUREL OAKS CAREER CAMPUS

(300 Oak Drive, Wilmington)

*Designed for students entering grades 9-12*

**June 24** (9 a.m. - 3 p.m.) - **Quick & Easy Sheet Metal Projects**

**June 25** (9 a.m. - 3 p.m.) - **Quick & Easy Sheet Metal Projects**

**June 26** (9 a.m. - 3 p.m.) - **You be the Pilot**

**June 27** (9 a.m. - 3 p.m.) - **Tour AMES & Control Tower\***

**June 28** (9 a.m. - 3 p.m.) - **Visit the US Air Force Museum\***

**Southern State Community College**, in partnership with **Laurel Oaks Career Campus**, is excited to be offering learning opportunities in Wilmington at the Laurel Oaks Campus for **students in grades 6 – 12!**

### Build your own Delta Dart | 6-8 Grade

Learn how to build your very own Delta Dart flying machine. Math and science principles are explored, all while learning about simple machines and how they work. The sky really is the limit during this session and students will get to take home their very own Delta Dart creation at the conclusion of this class!

### You be the Pilot | 6-12 Grade

Got a drone? If not, don't worry. Students will get their very own drone to fly during this session -- and the best part.... They can KEEP IT after the class. Students will take aim at the sky to practice basic drone operation and maneuvering. Once flying skills are mastered, students will take part in a competitive drone-flying race through an obstacle course. The winner will receive a must-have prize!

### Bottle Rocket Blast Off | 6-8 Grade

3... 2... 1 — Blastoff! During this action packed workshop, students will use a bottle rocket launcher to launch their very own bottle rocket creation. Learn how to load the rocket with water and pressurized air, make several launches, and find out what makes rockets soar the highest will also be explored.

### Sheet Metal Projects | 9-12 Grade

Working with sheet metal isn't difficult - if you have the right tools. All it takes to make a unique creation is some basic tools, a pair of tin snips, and a metal brake, all of which students will have access to during this two-day workshop. A variety of easy patterns will be available to choose from, or students can bring their own ideas to create something that is practical and long-lasting.

### \*Off Campus Tours | 6-12 Grade

Students will have the opportunity to visit/tour three places during the week-long summer science activities:

- **AMES (Airborne Maintenance & Engineering Services)**
- **The Control Tower**
- **National Museum of the US Air Force** -- the oldest and largest military aviation museum in the world -- located at Wright-Patterson Air Force Base, near Dayton, Ohio.

## REGISTRATION INFORMATION

The cost is **\$130 per student to attend**. *Students can pay an additional \$4 (per day) to cover their lunch or bring a packed lunch daily.*

To register, call **Kim Fitzpatrick** at **937-382-6645 x4684**.

A maximum of 10 students (6-8 Grade) will be accepted as well as 10 students accepted (9-12 Grade). **Register NOW before it's too late!** Registration Deadline: Monday, June 10, 2019



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