# FLY AWAY WITH COMPOSITES

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#### AUGUST 21 (8 a.m. - 5 p.m.) • DAVIS TECHNICAL COLLEGE • KAYSVILLE, UT

## Are you interested in learning about the materials and processes used to manufacture airplanes, skateboards, helicopters, snowboards and more?

Fly Away with Composites is a FREE workshop produced by Composites One, the Closed Mold Alliance, and IACMI - The Composites Institute. Join us on Tuesday, August 21 from 8 a.m. - 5 p.m. for a fun day of dynamic hands-on demonstrations where you will learn the benefits of materials like carbon fiber and other high performance composites.

Student sessions are geared towards high school students (ages 14 - 18). Breakout sessions will also be available for parents who are interested in learning more about the growing composites industry. Breakfast and lunch will be provided!

#### Register online at www.studentsflyawaywithcomposites.eventbrite.com

Hosted At: **Davis Technical College** 550 E 300 S, Kaysville, UT 84037











Composites One • MVP RTM North Technologies





#### **STUDENT TRACKS**

Composite materials have amazing properties and benefits! This student only track introduces the design and use of composite materials; featuring carbon fiber and other high performance composites and their use in modern design and manufacturing. This exciting track will allow students the opportunity to:

Learn the basic principles of composite materials. Produce Superhero symbols out of cured carbon fiber panels on a waterjet cutter. See a live demonstration of a model rocket mandrel produced using a filament winder. Participate in an infusion demonstration of a Superhero shield. Visit with the BYU Rocket Team and see their filament winder wound rockets. View the University of Utah's Formula SAE racecar, which was made with carbon fiber and honeycomb core and is fully electric. Tours of the Davis Technical College Composites Lab and campus facilities.

#### **PARENT TRACKS**

Investing time and energy early in a student's STEM education and development places them on the path to rewarding career opportunities and fills a growing, critical need for our nation. During this free workshop, parents and educators will be exposed to ways to prepare their child/students for careers in Science, Technology, Engineering and Mathematics (STEM). Tracks will include:

Parent and educator panel on Pathways to STEM Majors and Careers. How parents can maximize student exposure to STEM. Pre College Technical Programs. Tours of the Davis Technical College Composites Lab and campus facilities. Opportunity for parents to learn more about various engineering disciplines and how to help students become more involved.

#### TRANSPORTATION

Parking is available at the Davis Technical College main campus. Shuttles will be provided to and from the main campus to the Freeport Center.

### REGISTER

To register for the workshop visit www.studentsflyawaywithcomposites.eventbrite.com or complete the form below and email to rachel.menges@compositesone.com. For additional information on registration, contact Rachel Menges at 847.437.0200.

| Name:                                      |          |                   |                |    |
|--|----------|-------------------|----------------|----|
| Title:                                     |          |                   |                |    |
| Company:                                   |          |                   |                |    |
| Address:                                   |          |                   |                |    |
| City:                                      | State:   | Zip:              | Country:       |    |
| Email Address:                             |          |                   |                |    |
| Phone Number:                              |          |                   |                |    |
| Are you a U.S. Citizen? Yes No             | Do you h | nave food related | allergies? Yes | No |
| Will you be traveling to this event? Yes   | No       |                   |                |    |
| Are you a student interested in composites | ?Yes N   | 0                 |                |    |