

# Explore.

## CAREER & TECHNICAL EDUCATION

### WHAT'S HAPPENING AT SLCC?



Salt Lake Community College has created the Career and Technical Education (CTE) *Explore* newsletter, to keep high school counselors and students informed. Published each semester and available at [www.slcc.edu/cte](http://www.slcc.edu/cte), the *Explore* newsletter will help you advise your students in their future educational and career goals. Please display the newsletter and share it with your students.

### DISCOVER BIOMANUFACTURING & BIOTECHNOLOGY

SLCC Biomanufacturing and Biotechnology are programs that allow students to create and discover. The biotechnology industry, like many others, is focused on taking an idea or concept to a successful product. There are two sides to biotechnology: 1) research and development that's responsible for cultivating the idea or concept through preliminary studies and 2) manufacturing that's responsible for establishing the processes and infrastructure to manufacture the product on a scale large enough to meet consumer demands.

SLCC Biotechnology Department offers these two complimentary program tracks: research and development track and manufacturing track.

*Research and Development Track:* Students are trained to work in research lab settings and include the Biotechnology Technician and Biotechnology transfer programs. The primary focus is on a solid science base, cutting-edge biotechnology laboratory skills/techniques, and critical thinking skills. For more information on Biotech call (801) 957-2851 or visit [www.slcc.edu/biotechnology](http://www.slcc.edu/biotechnology).

In addition to the technical training provided in the classroom, high school and college students have the opportunity to apply their knowledge and skills in a real-world research environment. This opportunity is provided by InnovaBio™, a contract research organization that offers flexible, industry-based research opportunities to students. InnovaBio™ contracts with local life science companies to bring projects to teams of student interns.

*Manufacturing Track:* Students are trained to work in manufacturing/production settings and offers three successively more advanced programs, the Biomanufacturing Certificate of Completion, the Biomanufacturing Diploma and the Biomanufacturing Associate of Applied Science. The primary focus is on the quality systems and federal regulations that govern the manufacturing of biotechnology products, production-related skills, and critical thinking skills. Students will not only gain a "big picture" understanding of the biomanufacturing process, but have the opportunity to develop and practice those skills critical to success in the various job functions in the manufacturing setting. For more information on Bioman call (801) 957-6450 or visit [www.slcc.edu/biomanufacturing](http://www.slcc.edu/biomanufacturing).

### BLUE SKIES, NO LIMITS: CONTEST WINNERS ANNOUNCED



The two winners of this summer's SLCC Aviation Program "Blue Skies: No Limits" scholarship contest were announced on August 2nd on KSL "Sportsbeat Sunday." Cubby James was selected and received a scholarship valued at \$18,000 for the helicopter program at Upper Limit Aviation, SLCC's contracted helicopter training company. According to SLCC and Maverik judges, he was an enthusiastic standout with a very interesting story and says he's committed to continue the training and make it a career. Mandy Hammans was selected for a scholarship valued at \$10,000 to learn to fly the fixed wing aircraft at Cornerstone Aviation, SLCC's contracted fixed wing training company. Contest judges said that after she stopped crying upon

hearing the news, she said that this will change her life and means more to her than anyone could possibly imagine.

The two winners participated in Maverik's "Kick Start" reality television show and aired on KSL TV and in August. The contest, sponsored by SLCC, KSL and Maverik, asked each of the 800 entrants to write an essay describing "why they wanted to kick start their lives and fly" through the SLCC fixed wing or helicopter training programs.

### NEW SLCC SCHOOL OF APPLIED TECHNOLOGY

Salt Lake Community College Skills Center has merged with the Salt Lake County portion of the Salt Lake/Tooele Applied Technology College resulting in the formation of the "School of Applied Technology" within SLCC. This means more programs and locations for noncredit certification and skills training. For a complete list of programs and locations visit [www.slcc.edu/sat](http://www.slcc.edu/sat) or the new catalog that'll be distributed to your CTE offices in September. Many programs are open entry (start any time) and there's no tuition costs for high school students. If your interest lies in automobile repair, network engineering, medical assisting, web programming, electronics, welding—or other technical career fields, check out the School of Applied Technology for career training programs while you're still in high school or after you graduate.