Our highly-interactive, week-long summer programs are held at CSU’s state-of-the-art engineering facilities, introducing junior high and high school students to the wonders of science, technology, engineering, and mathematics (STEM) in a university setting.

Programs strike a balance between hands-on learning and socializing, with lunch provided and time to connect with peers, CSU faculty, and current college students. Join us!

Engineering Your World
Ages: 12 - 14 | June 12-16, 2023 | 9 AM - 3:30 PM
CSU faculty and students will guide participants in fun and engaging activities designed to simulate a collaborative laboratory environment. Each student will: build a saltwater circuit, design and build a swamp cooler, Mars rover egg-lander, and artificial bicep; create, construct, and test the strength of a bridge made of spaghetti, prosthetic leg, and clay boat; test and analyze sunscreen; create slime and have the opportunity to visit and use CSU’s state-of-the-art 3D printing and engineering laboratories.

Designing Your World
Ages: 14 - 16 | June 19-23, 2023 | 9 AM - 4 PM
CSU faculty and students will work one-on-one with participants in design activities chosen to simulate real-world, engineered robots. Each student will design, build, test, iterate, and demonstrate an Arduino-controlled robot that represents a simplified version of real-world autonomous vehicles, and a remote-controlled underwater robot that represents a simplified version of real-world remotely operated vehicles (ROV). Students will be able to use 3D printers to build personalized elements of their designs.

FOR MORE INFORMATION AND TO REGISTER: www.engr.colostate.edu/me/summerprograms/