The Baylor Engineering & Computing Summer Academy (BECSA) is an interactive summer day camp designed for rising 10th through 12th grade high school students.

The camp will explore concepts related to ENERGY using a series of interactive experiences:

**Day 1: Rolling Energy** (Acceleration, Momentum, Wind Drag, and Friction of Student-Built Vehicles)

**Day 2: Electrical Energy** (Voltage, Current, and Signals in Paper Circuits and Breadboard Circuits)


**Day 4: Energy in Flight** (Building and Testing of Model Aircraft)

**Day 5: Harvesting Energy** (Design, Testing, and Assessment of Student-Built Steam Turbines)

Dates: June 24 to 28 – 9:00 am to 4:00pm, Monday to Friday (drop-off from 8:45 am to 9:00 am)

Cost: $500. Price includes daily lunches and snacks, and camp merchandise. Students will also be provided with a flying model aircraft, an Arduino kit, and other engineering equipment that they can take home for further learning.

All students receive hands-on, interactive instruction from Baylor faculty and support from student leaders and staff. The camp also includes a campus tour, college and career speaker, and other fun activities. This camp is NOT for high school or college credit.

Questions? Contact Lauren_Muhl@baylor.edu

ecs.baylor.edu/BECSA2024