High School Engineering
Electro-Optics Summer Camp

This 4 day camp is taught by Dr. Benjamin Campbell and introduces students to electro-optics and microcontrollers. No required background in physics or electronics is necessary.

Electro-optics technology surrounds us, hidden from the untrained observer. The touch screen on a smart phone, an ultraviolet laser that reads data from a DVD, internet information streaming across the globe on fiber optics cables; these are all electro-optic based technologies.

In this camp, students will learn the basic principles of electronics and learn how to use engineering tools like multimeters, function generators, oscilloscopes, breadboards and circuit design software to control lights, motors, and sensors.

For more information: Sarah MacDonald macdonald@rmu.edu or 412-397-6331

July 31 – August 3
10am-3pm
Robert Morris University
Grades 7-12
$100