

CYBER LITERACY 1

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THE ACADEMIC INITIATIVE OF THE CYBER INNOVATION CENTER



An introduction to cyber engineering through robotics

OVERVIEW

Cyber Literacy provides high school students with an introduction to cyber engineering. Using a robotics platform as the textbook, students will take a variety of deep dives into relevant real-world topics such as programming, electricity and circuits, sensors and autonomy, current events, and what it means to be a cyber citizen in today's evolving digital world.

The modular content within Cyber Literacy is developed into three areas: electricity and circuits, robotics and programming, and humanities and liberal arts. Cyber Literacy students should have completed or be enrolled in Algebra 1.

The robotics platforms that are supported in the Cyber Literacy course include Parallax devices: the BoeBot, ShieldBot with Arduino, and cyber:bot with micro:bit.

DETAILS

GRADE
LEVEL

8-10

NUMBER
OF UNITS

3

LENGTH

180 HRS

ACCESS

Click [here](#) to access this FREE course through CYBER.ORG.



You can also add this course to NAFTrack for students to earn credit toward their certification.