



SHIPPENSBURG
UNIVERSITY

Office of Workforce Development



Carnegie Mellon
Robotics Academy



YOUTH DISCOVERY CAMP: ROBOTICS

Facilitated By The Shippensburg University Office of Workforce Development

The Shippensburg University Youth Robotics Camp offers students an immersive experience in robotics and engineering. Participants engage in hands-on activities, fostering creativity and problem-solving skills. Our mission is to inspire the next generation of STEM leaders.

LEARN MORE ABOUT THE CAMP

HANDS-ON ROBOTICS LEARNING

Participants will engage in practical activities, building and programming their own robots using the ShieldBot platform controlled by Arduino modules.

INDUSTRY EXPOSURE

Attendees will benefit from field trips to local companies such as Schreiber Foods and Volvo Construction Equipment, and hear from guest speakers like representatives from JLG, providing real-world insights into the robotics industry.

Camp participants must be 14 years of age or older.

EXPERT INSTRUCTION

The camp is led by Dr. Joao P. Dias, an Associate Professor of Mechanical Engineering at Shippensburg University, specializing in automotive engineering, robotics, and 3-D printing.

COMPREHENSIVE CAMP EXPERIENCE

Scheduled for June 23 – June 27, 2025, the camp offers a full-day program from 9:00 am to 3:30 pm, including lunch, hands-on sessions, and site visits, all for a fee of \$300 per student.

If you're looking for more information about our camp or you would like to become a camp sponsor:
Scan or click on the QR Code to be directed to our website!



Shippensburg University Office of Workforce Development
owd@ship.edu | (717) 477-1502 | workforce.ship.edu