

AUGUST 8-9

2024

FLATE EDUCATOR WORKSHOP

AUGUST 8: 9:30 AM - 4:00 PM & AUGUST 9: 8:30 AM - 3:00 PM

Edge Computing A Feasible and Integrated Approach to Collecting System Data

This hands-on workshop is for technical educators who want to learn more about equipment data collection and management as a simulation of production processes. Attendees will use a Raspberry Pi set up to simulate data collection and manipulation with industrial sensors in an industrial setting.

Attendees of the full 2 days will take home a kit to use at their home institutions.

HILLSBOROUGH COMMUNITY COLLEGE

BRANDON CAMPUS

10451 NANCY WATKINS DR., TAMPA, FL

STUDENT SERVICES, BSSB 215

The workshop will cover:

- Introduction to Environmental Monitoring
- Sensors and Measurement Techniques
- Hardware Integration
- Software Setup and Programming Basics
- Data Collection and Management
- Data Analytics and Visualization
- Advanced Data Analysis Techniques
- IoT and Cloud Integration
- Artificial Intelligence integration

Lunch will be provided. Lodging will be covered for Florida educators who live more than 50 miles away. A \$200 stipend will be provided for those who complete the workshop. An additional \$200 will be given for those who implement the workshop activities in a fall 2024 semester. Requirements for this stipend will be provided during the workshop.

[Register Now](#)

QUESTIONS? CONTACT: MARILYN.BARGER@FLATE.ORG

