

# Mechatronics 101 Workshop

*A workshop for Secondary and Post Secondary Educators new to Mechatronics and Smart Manufacturing*

**March 1, 2024 – 9:30 AM – 4:00 PM**



## St. Petersburg College

Clearwater Campus  
Bldg CR Room 170  
2465 Drew Street  
Clearwater, FL



This hands-on workshop will introduce faculty, administrators, and counselors to an entry level Mechatronics course (Concepts of Electronics) taught to high school students at a distance in Minnesota and Nebraska. It is the first of 4 courses being designed to deliver to high school students. Attendees will learn best practices for delivering technical coursework online, assemble a trainer, and perform lab exercises designed for high school or college students.

All participants will take their finished trainer (valued over \$300) home and be asked to create a lab with the trainer to share with other workshop attendees and the Advanced Technological Education (ATE) and Independent Mechatronics Education Curriculum (iMEC) communities. A parts list and related curriculum will also be made available.

**Teams from high schools and state/community colleges are encouraged to attend.**

**The workshop is FREE, lunch will be provided, and attendees will take their trainer home to use in their own classrooms.**

### WORKSHOP TOPICS

Overview of the project

Dual enrollment strategies

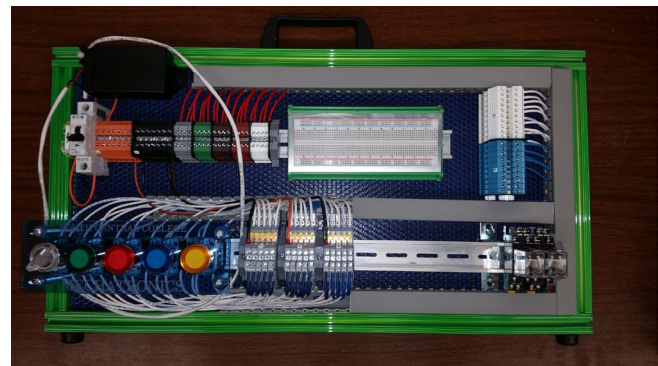
Share best practices working with high schools

Building trainers from components

Review web curriculum

Labs and videos

Complete the trainer



**REGISTER NOW**

Questions? Contact: Marilyn Barger ([Marilyn.barger@flate.org](mailto:Marilyn.barger@flate.org))