

Introducing Dual–Credit, Web–Based Mechatronics for High Schools

A workshop for Secondary and Post Secondary Educators

THURSDAY March 9, 2023

Hillsborough Community College, Brandon
Campus, Tampa, Florida

10451 Nancy Watkins Dr., Tampa, FL 22619

BSS Room 215

9:30 am-4:00 pm

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 Nebraska and Minnesota. 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 NCNGM and 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.

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

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



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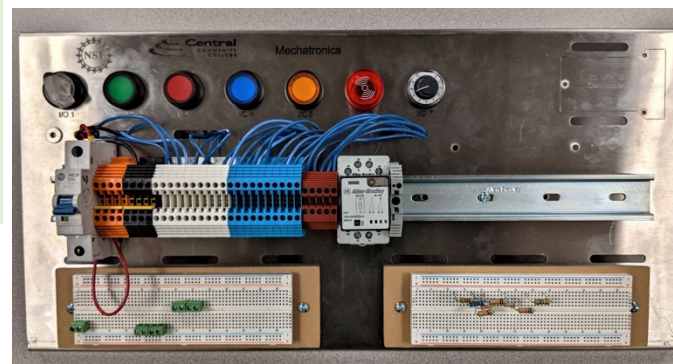


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