

# 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.

**REGISTRATION will open DEC 1, 2022.**

**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.**

To be notified when registration opens and/or request more information, contact: Marilyn Barger ([Marilyn.barger@flate.org](mailto: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



South Central  
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iMEC2.0



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