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MIDDLE SCHOOL:

GET YOUR START IN TECH! NEXTECH ROBOTICS AND FLY CITRIS DRONES

HOW MUCH IS THE WORKSHOP?

The workshop is \$100 a student.

What does this include?

Students will be provided lunch and snacks.

Please have them bring a reusable water bottle!

WHEN IS THE WORKSHOP?

July 18th- July 22nd, 2022
9am-4pm every day

IS THIS WORKSHOP IN PERSON?

Yes, students will need to be on UC Merced's campus. Students will meet on South Campus near the Bellevue Lot (near UC Merced sign with palm trees)

HOW CAN I REGISTER MY STUDENT?

Register here:

[https://commerce.cashnet.com/
UCME251_W1](https://commerce.cashnet.com/UCME251_W1)

SUMMARY OF WORKSHOP

Robots, drones, and programming -Oh my! Students will get in touch with their tinkering side by assembling and programming a Vex robotics kit.

Additionally, students will learn about drone safety and get their start as pilots, flying a drone in two ways. One day they will fly a manual obstacle course and another pre-program a flight path using python. They will practice real-world scientific applications by using satellite data to understand the world around them. There are millions of applications of drone and satellite data! The week will end with drone and robot competitions.

MEET THE INSTRUCTORS

I am Lina B-Hernandez, Second year majoring in mechanical engineering. She currently works as NexTech educator for CITRIS. Citris Nextech's goal is to introduce Robots, drones, and coding to students.



Fatima Gamino is UCM alumni and a certified drone pilot who currently leads CITRIS education outreach on drones and robotics.

Professors involved in the programming:

Erin Hestir and Josh Viers