Robotics Ed Week
April 5 - 9, 2021
viterbik12.usc.edu/robotics-2021/

All Sessions are free; pre-registration is required. Website has updated schedule. Some sessions limit the number who can register; first come, first served -- all times are Pacific Standard Time. Email: K12STEM1@usc.edu

**Teachers**

Discovery Education Trainings: Coding (teachers of grades 3 - 10 on 4/5, 4/6) and STEM Connect (for K-8 teachers 4/6, 4/7)

Friday, 4/9: Start a Robotics Program at Your School teacher/students STEM Academy of Boyle Heights 11:15 - 12:15 pm

**Elementary**

Monday, 4/5: Find the Robot 2:00 - 3:00 pm & 3:30 - 4:30 pm
Tuesday, 4/6: space limited for sessions on 4/6
Tour: Dynamic Robotics & Control Lab 10 - 10:45 am
Robot, Help Me Assemble! 10 - 11 am
Program the Human Robot 12 - 1 pm
Grades 3-5: Explore Coding & Robotics 4 - 5 pm
Thursday, 4/8: space limited for sessions on 4/8
Program the Human Robot 10 - 11 am
Grades 3-5: Explore Coding & Robotics 4 - 5 pm
Environmental Robotics w/ Scratch 5:30 - 6:15 pm
Friday, 4/9: Led by Honors Students at MACES High
Grades 4-5: Help Hercules! 2:30-3:30 pm - limited

**Middle & High School**

Monday, 4/5: Robots: Past, Present, Future 10 - 11 am
Wednesday, 4/7: Aquatics Robotics Research 11 am - 12 pm
Thursday, 4/8: Aquatics Robotics Research 11 am - 12 pm

**Middle School** *(see also Middle & High)*

Monday, 4/5: Find the Robot 5 - 6 pm
Tuesday, 4/6:
Tour: Dynamic Robotics & Control Lab 11 - 11:45 am- limited
Wednesday, 4/7: space limited for sessions on 4/7
Arduino Blinking LED Project 10 - 11 am
Program Your Virtual Robot! with South LA Robotics 3 - 4 pm
Thursday, 4/8:
Networked Robots & Internet of Things 11 - 11:45 am
Build a Prosthetic Arm at Home: 3 - 4 pm - space limited

**Public**

Tuesday, 4/6: Building an Arduino Robot on Twitch Time TBA
Thursday, 4/8: College Students: Permission to Fail 1 - 2 pm
Friday, 4/9: 3D Printing with Robots 1-2 pm
Robotics: From the Basement to the Big Screen with Fon Davis of Fon Co Creative 3:30-4:30 pm

**High School** *(see also Middle & High)*

Monday, 4/5: Al For Good 3:30 - 4:30 pm - space limited
Tuesday, 4/6:
Tour: Dynamic Robotics & Control Lab 12 - 12:45 pm- limited
Careers in STEM and Robotics (iRobot engineers) 1 - 2 pm
Flying Drones 3 - 4 pm - space limited
Thursday, 4/8: Flying Drones 11 - 12 pm - space limited
Friday, 4/9: Human-Robot Interaction Research
Robots for Personal Care & VR/AR/Mixed Reality 10 - 11 am
Robots for People with Special Needs (ASD) 11 - 11:45 am