



KENNESAW STATE
UNIVERSITY

DEPARTMENT OF ROBOTICS AND MECHATRONICS ENGINEERING

SPRING 2021

Mechatronics Senior Design Capstone Virtual Presentations

You are invited to attend our VIRTUAL Mechatronics Senior Design Capstone Presentations showcasing projects that exhibit the three fundamental principles of mechatronics engineering: sense, think, and act.

**Friday, April 30, 2021
10:15 AM to 3:15 PM**

Meeting Link: <https://us.bbcollab.com/guest/b28f750d47a147c387cc85ef416ddb0f>

Start Time **Team Name: Capstone Project**

-
- | | |
|-----------------|--|
| 10:15 AM | JEEA: A reduced-contact ramen assembly system for use in food courts, airports, and college campuses |
| 10:45 AM | Fly Zone: A drone-mounted combination sensor/gripper for moving boxes around a warehouse |
| 11:15 AM | GEODE: A small, off-road mobile robot for drilling geological samples |
| 11:45 AM | 15-minute break |
| 12:00 PM | Titans: An Internet of Things water-tank system allowing users to monitor and control fluid height remotely |
| 12:30 PM | ARIA: A drone-based mobile personal assistant |
| 1:00 PM | CAVE: Autonomous control of multiple vehicles through an intersection using an overhead camera |
| 1:30 PM | 15-minute break |
| 1:45 PM | Sass: A smart trash can with some attitude |
| 2:15 PM | [Redacted]: A mobile robot with different plug-and-play modules for tasks around the home |
| 2:45 PM | Armature Science: Improved safety for an industrial, pick-and-place application |

Feel free to drop in for a minute, an hour, or all day.

Contact Cecilia McDaniel with questions at (470) 578-7234 or via email at mechatronics@kennesaw.edu.