



The University of Texas
Rio Grande Valley
Center for Multidisciplinary
Research Excellence in
Cyber-Physical Infrastructure
Systems (MECIS)

AGENDA

2024 STEM Teacher National Workshop

Saturday May 18, 2024; 8:00 am – 4:30 pm

8:00 am – 8:30 am

STEM Workshop Registration

8:30 am – 9:00 am

Introductions – Engineering Auditorium EENGR 1.300

Dr. Constantine Tarawneh & Dr. Angela Chapman

9:00 am – 10:45 am

Group 1 – Exploring with LEGO EV3 Robotics

Will cover elementary curriculum and STEM module interactive activities

Group 2 – Exploring with LEGO Spike Prime Robotics

Will cover middle school curriculum and STEM module interactive activities

Group 3 – Exploring with Pi-Top Robotics

Will cover high school curriculum and STEM module interactive activities

10:45 am – 11:00 am

Coffee Break

11:00 am – 12:45 pm

Group 1 – Exploring with LEGO Spike Prime Robotics

Group 2 – Exploring with Pi-Top Robotics

Group 3 – Exploring with LEGO EV3 Robotics

12:45 pm – 1:45 pm

Lunch – Food will be served on site

1:45 pm – 3:30 pm

Group 1 – Exploring with Pi-Top Robotics

Group 2 – Exploring with LEGO EV3 Robotics

Group 3 – Exploring with LEGO Spike Prime Robotics

3:30 pm – 3:45 pm

Coffee Break

3:45 pm – 4:30 pm

Wrap-up Discussions, Closing Remarks, and
Certificates of Completion – EENGR 1.300
