

ME4823: Multi Robot Control (MRC)

ME4823
Spring 2018 (18-3)

Course Information	<ul style="list-style-type: none">• Syllabus, Description, Short Course 19-1• Schedule, Article Review Schedule• Assignments
References	<ul style="list-style-type: none">• Books• Research Articles• Leading Article Discussion• NPS Linux (with ROS) Tips and Tricks
Resources	<p>Robotics Computation Wiki, ROS Laptop Computer Ettiquette</p> <p>Special Topics:</p> <ul style="list-style-type: none">• ThingMagic USB Pro RFID Reader• Pioneer in Gazebo, GPS/IMU Navigation, MATLAB OOP Woaypoint Guidance• Pioneer in Gazebo, GPS/IMU Navigation, MATLAB OOP Line Following Guidance• USV Heading Control using ROS and Simulink• Hokuyo Laser Rangefinder on Pioneers• Microstain GPS/IMU Initialization Example• RFID Detection Post-Processing• USB Camera on Pioneer