EECS 5375 (BMEN 5375 and MECH 5308) Introduction to Robotics (3 semester credit hours) Fundamentals of robotics, rigid motions, homogeneous transformations, forward and inverse kinematics, velocity kinematics, motion planning, trajectory generation, sensing, vision, and control. Prerequisites: ENGR 2300 and (EE 4310 or BMEN 4310 or MECH 4310) or equivalent. (2-3) Y