

BMEN4342 - Introduction to Robotics

[BMEN 4342](#) 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. Lab fee of \$30 required. Prerequisite or Corequisite: [BMEN 4310](#) or [EE 4310](#) or [MECH 4310](#) or equivalent. (Same as [EE 4342](#) and [MECH 4342](#)) (2-3) Y