

Program of Studies

GPPS INTERDEPARTMENTAL

STEM: Bots, Coding and Apps (PILOT)

Grades 10-11-12

.5 CREDIT

This will be a rigorous and challenging class which will appeal to those considering Engineering as a career choice. The curriculum comes from Carnegie-Mellon University, well known for their Robotics focus. It will be both theoretical and practical, with students working in two-person teams. Each team will have their own VEX Robotics Kit to work with. Students will learn about mechanical systems, programming, and control systems. Students will also study the Engineering design process, and create robots to meet specific challenges.