



ROCHESTER COMMUNITY SCHOOLS
F.I.R.S.T. ROBOTICS I AND II
FirstRoboS1/FirstRoboS2 40 WEEKS

Semester 1

9th thru 12th grade

PREREQUISITE: FIRST Robotics or FTC Participation or instructor approval.

In this project-based course, students will engage in hands-on learning as they apply the design process to build mechanical systems and programmable robots. Through real-world challenges, students will develop fundamental STEM skills, with a focus on Safety, Procedures, Programming, Teamwork, Communication, and Collaboration.

- Students will report to RHS Monday through Friday 3 - 4pm report to their RCS teacher of record
- Attendance will be taken and reported for pupil accounting purposes

Semester 2

Students will report to their home team and continue their competency based education during the FIRST build and competition season. After worlds students will return back to RHS Monday thru Friday 3-4pm to review their competency based skills and be eligible to take a credential.

- Attendance will be taken and reported for pupil accounting purposes
- No transportation will be provided
- To take the class you must be a FIRST team member
- Hours can vary weekly throughout the year.