Course Description

Automation & Robotics is a semester long course. Topics include:

- Mechanical Systems
- Energy Transfer
- Machine Automation
- Computer Control Systems

Students will use the VEX Robotics® to design, build, and program real-world objects.

Technology Goals

The integrated 21st Century (i21) Interactive Classroom is an engaging and personalized learning environment designed to optimize teaching and learning through the interconnected use of mobile computing, audio, visual and formative assessment technologies across the curriculum.

Materials:

Agenda, pencil & eraser, colored pencils, loose leaf paper, 3-ring binder (just one for all classes)

Standards:

https://www.pltw.org/automation-and-robotics-standards-alignment
Parent support in encouraging appropriate behavior and work ethic is greatly appreciated.

Behavioral Expectations
1. Be safe
2. Be Respectful
3. Be Responsible
4. Work Together

Consequences
1. Verbal warning
2. Student will remain 2 minutes after class.
4. Detention & parent contact.

Attendance
Students must be in class in order to learn. Students are marked tardy if they are not in their seat when the tardy bell rings. Each tardy will result in classroom “beautification”.
4 tardies will result in a referral. It is the student’s responsibility to determine missed work due to an absence. Students have one school day for each day of an excused absence to make up work.
General Expectations

Assignments & Homework
Copy BOTH the assignment & homework DAILY in your student agenda. Being organized and prepared can lead to good grades and a successful school year.

Late Work
Late work will be accepted but MUST be complete and within the current grading period. The maximum grade that can be earned is 70% (C) of the total points possible.

Packing Up Early
Every minute counts towards learning! Mrs. Holland will announce when it is time to pack up.

Absent or Need Extra Help?
Check out Planbook (linked to my teacher page on the school website) for the daily update and posted assignments. Request makeup work if needed. Ask questions, in person or by e-mail. Tutoring is available every day before school, by appointment. I need to know that you are coming.

classroom.google.com

Vandalism, Cheating, & Gum
Vandalism, cheating, & gum chewing will not be tolerated. Vandalism includes writing on the top or sides of the desks or counters. Think and act for yourself! Copying or letting someone else copy will result in a “0” for the assignment. Chewing gum on campus will result in you scraping gum out from under the tables or off the sidewalk.