

WHEELER HIGH SCHOOL COURSE EXPECTATIONS

Robotics

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I. Course Overview:

This course combines new and advanced robotics concepts with design and computer science. Problem solving, creativity, and thinking out of the box along with a strong knowledge base prepare students for the latest technological careers.

II. Overall Course Objectives:

1. Build and program a robot in a variety of different formats and languages.
2. Use the Engineering Design Process to solve problems
3. Communicate solutions in a variety of formats
4. Work collectively in a team setting
5. Explore current applications of robotics and career options

III. Material Required:

Nearly all of the classroom materials will be provided. Students are however, responsible for bringing to class a pencil or pen.

IV. Class/Behavior Expectations:

Students are required to follow all school rules as stated in the Student Handbook at all times. In addition, behavior expectations specific to this course must also be followed:

1. All safety rules are followed at all times
2. Students respect each other and the classroom
3. Students do not handle materials that are not theirs
4. Students comply with situation specific rules given by the teacher

V. Attendance Policy stated in handbook:

VI. Grading Policy:

Projects – 90%

Class work – 10%

VII. Teacher Availability for Extra Help:

Availability for additional work time should be worked out with the teacher at least one day in advance.

VIII. Wheeler High School Academic Expectations assessed by this course:

Analysis