

Welcome to Advanced Robotics! In this class you will build on the skills that you already have and learn an entirely new programming language that is more like those used in the real world. You will also learn how to utilize new sensors and complete more difficult challenges. Here is some information you'll need to succeed.

Grading Policy: The grades given for class will be based on the following:

- Projects and Competitions 60%
- Quizzes 10%
- Homework, Classwork, and Performance Tasks 30%

Projects and Competitions: The largest portion of your grade will be determined by several projects and competitions completed throughout the term. Grades for projects and competitions will be based on whether or not your robot can complete the assigned objective and on how well you perform your individual role within the group (i.e. construction, programming, etc.). Extra credit may also be awarded depending on how well your robot performs in direct competition with other groups.

Quizzes: Quizzes will be given on a regular basis and constitute a significant part of your grade. Quizzes will be based on any material presented in class or any reading that is required outside of class. *Quizzes cannot be made up.* In order to account for legitimate, documented absences, the lowest quiz score will be dropped from your grade. In the event of more than one quiz being missed, arrangements may be made on a case-by-case basis.

Homework, Classwork, and Performance Tasks: Any work outside of projects and competitions will be placed into this category. For each new concept or sensor that is introduced in class, a performance task will be assigned to show mastery of the concept. All homework assignments must be typed. To assist with this, a template for homework assignments will be provided on my website. All your work should be neat, complete, and have a heading that contains your full name, the date, your class section, the period, and the assignment. Points will be taken off of any work that is not stapled, is mangled in any way, or has edges torn from a spiral notebook. *No late work will be accepted.* If you are absent on the day an assignment is due, be sure to have a note from a parent, guardian, doctor, etc., and turn in the assignment the day you return.

Absences: If you are absent from class it is *your* responsibility to get any assignments, notes, or other information you may have missed. If you miss more than one day during a project or competition for a legitimate reason, it is expected that extra work will be done outside of class to make up for work missed during the absence. Classwork missed for illegitimate reasons such as cutting, tardiness, family vacations, etc., cannot be made up.

Cheating and Plagiarism: If any student is caught cheating or copying on any assignment or quiz, he or she will be given a zero. Plagiarism in any writing assignment will also result in a zero.

Classroom Rules: The following rules must be followed in the classroom at all times to avoid consequences:

- Respect yourself and others. Raise your hand to speak, no insults, no swearing, respect other people's property and space, etc.
- Come to class prepared and on time.
- Stay on task until the teacher dismisses class.
- All cell phones and other electronic devices must be turned off and out of sight at all times.
- All classroom materials and technology must be treated with care and respect.

Materials: All students are required to bring the following things with them to class every day:

- Pens and pencils
- Three-hole loose leaf or perforated paper
- Folder or three-ring binder

Website:

- www.midwoodscience.org