

<b>Teacher Contact Information</b> Rodrigo Coppelli. You can call me Rodrigo Email: <a href="mailto:rcoppelli@lgsuhd.org">rcoppelli@lgsuhd.org</a> (best way to get a hold me!) Website: Canvas	<b>Office Hours</b> Where: D101 Time: Every odd day after school and during Tutorial No Lunchtime office hours, and not open before school
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<b>Course Information</b> Welcome to the best class on campus! Robotics course is an in depth introductory and advanced class (you can take the same class multiple years) geared at learning all aspects of creating a robot. This class specifically is geared to compete in the FIRST Robotics Competition (FRC) tournament in early spring. Aspects of the class include: engineering design, computer aided design, programming (both C and Java), robotic electrical, mechanical systems and parts, metal shop fabrication, business/project management, and fundraising. Mastering all of these aspects is not a one-year process, and students sign up for the same course multiple years. This class meets in set dates usually during 8 <sup>th</sup> period throughout the year. This is intended to accommodate the most schedules as possible.
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<b>Materials</b> It is your responsibility to bring the following things to class <u>everyday</u> . All will be provided for you initially. <ul style="list-style-type: none"><li>❖ Safety Goggles</li><li>❖ Space in your school binder for Robotics</li><li>❖ Pencil or Mechanical pencil. Blue or black pen</li><li>❖ Calculator</li><li>❖ An awesome attitude and an inquiring mind (this one's free!)</li></ul>
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<b>Grades</b> Grades will be broken down between <b>Assignments &amp; Participation</b> . <b>Assignments (50% of your total grade)</b> can be any of the following: <ul style="list-style-type: none"><li>• Projects: long terms projects made in groups</li><li>• Assignments in fundraising, business, learning programming, learning CAD, etc.</li><li>• Shop-keeping: materials &amp; organization</li><li>• Quizzes.</li><li>• As a homework assignment you are required to spend 3 hours a semester after school with teacher discretion jobs. These could be:<ul style="list-style-type: none"><li>○ maintaining our facilities, materials, organization, etc.</li><li>○ doing outreach at various events.</li></ul></li></ul> <b>Participation (50% of your total grade)</b> grade will be given along the following: <ul style="list-style-type: none"><li>• Students on a daily basis will give themselves a participation grade on their performance. This will be reviewed by the teacher and modified if there is any disagreement.</li><li>• You are <b>required</b> by grade to attend one competition in full (minimum) a year.</li><li>• Build season runs for six weeks. You are required to attend the required days during the required times and a preset additional amount to be decided at the time.</li><li>• Students will start off with 10 Points as your participation/behavior grade. You may lose points for lack of participation or breaking the rules listed under "behavior norms". You have the choice of recuperating those points by working 10 minutes in classroom clean-up/organization for each point lost.</li></ul>
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## A special note regarding grades

The robotics team is for a mature, hard-working student who is assertive and a self-starter. More than absolute learning, as a teacher I am looking for effort and engagement. It is hard to grade on participation, effort, and engagement as it is subjective. That said, if for the most part I see on a daily basis that you are engaged and working on robotics "stuff" that is approved by me you will for sure earn an "A". If I see that your attendance is low, you often need to be encouraged to find something to work on, you're not being assertive, or this is a socializing space for you then you will earn a lower grade.

## Behavior Norms

- Always respect all the expensive materials, keep room organized, make cleaning, organizing, and taking care of our equipment a priority.
- We'll have many meetings. Respect the meeting norms: One mic, no electronics during meetings.
- This is a very fun and engaging class. That said, it is not meant for socializing. Excessive laughing, playing will diminish your participation grade. (Fun is different than funny. Remember the difference!).
- No usage of electronic devices for socializing or playing games.
- No food. (this is a lab!). Unless otherwise agreed on.
- Respect everyone. Talk to a teacher and mentors like adults, and talk to your fellow students with mutual respect.
- Know the technology agreement on the website. (This is important! Consequences may be substantial if you do not follow our technology agreement). See here for the agreement: <https://tinyurl.com/lghstechagreement>

## Percent to letter grade conversion

Letter Grade	Low Percentage	High Percentage
A+	97	100
A	93	96.9
A-	90	92.9
B+	87	89.9
B	83	86.9
B-	80	82.9
C+	77	79.9
C	73	76.9
C-	70	72.9
D+	67	69.9
D	63	66.9
D-	60	62.9
F	0	59.9

## Absent & Tardy Procedures

You must email me if you are going to miss a class. You will be marked absent at the nearest attendance sheet. If you are tardy every once in a great while, no problem! If tardies become a problem, I will talk to you about it, give you a fair warning and a goal, and either (1) reduce your participation grade, (2) give you school administered detention. School policy is that after 7 tardies I need to write you a referral.

Please sign and return to class. Parents: This syllabus is posted on my website in case you need to reference it, but if you need a hard copy, I'll can pass one on to your child to take home.

Student Signature	Parent Signature
Printed Name: _____	Printed Name: _____
Signature: _____	Phone#: (_____)_____
Date: _____	Email: _____
	Signature: _____

**Welcome to the best team on campus! We are going to have a great year!**

