

总校周日**机器人课/Robotics**

——在周末华人学校开设机器人课

第一人刘淦小老师担纲

开班人数 8~16 人 / Students number required 8~16

三年级及以上学生 / 3rd graders & up

开课时间星期日 1:30pm - 3:30pm / Sunday 1:30pm - 3:30pm

学费（含材料使用费）\$420 / Tuition (Material Included)

另外可以在网上 houstonhuaxia.org 浏览老师和课程的详细介绍 / You may also go online at houstonhuaxia.org to check the details of teacher and course description

在“其它”课程类中 / Under "the Other Course Category"

Robotics Course Descriptions

About the instructor:

Gan Liu, a senior in Clear Brook High School, who has a strong interest and passion in robotics and engineering since 6th grade when he first joined the Lego League competition. He made the team captain for both 7th and 8th grade year and was awarded the MIT NEST award for doing the most to increase awareness about science and technology. He is currently leading his VEX EDR team 459, participating in FRC team 2587, and mentoring as well as coaching 9 VEX IQ teams in his spare time.

About the class:

In this class, the students will learn how to design, build, program, and drive a robot. Some of the other real world skills that the students will be hopefully obtaining are: how to work with others, how to voice your ideas, how to present your ideas, and how to design and turn a concept to reality.

We are going to be using the VEX IQ robotics system, and building robots in groups of 4 to complete challenges that are related to real world issues. Gan Liu is very excited about this new course, and he hopes you are too!

机器人课程介绍

关于老师:

刘淦，目前是 Clear Brook 高中十二年级的学生。他从初中六年级开始对机器人模拟设计以及相关技术产生兴趣，并一直以极大的热情参与设计建构机器人的各项活动。六年级时参加了 Lego League 竞赛。七年级和八年级是均为学校机器人队队长，并在七年级时因为在增进科学和技术的认知上面的突出表现获得 MIT NEST 奖项。现在他领导着 VEX EDR team 459, 参与 FRC team 2587 的活动，并在业余时间指导着九个 VEX IQ teams.

最新补充: 在 2017 年春夏的机器人世界杯比赛中，刘淦所带领的、队伍表现不凡，在 40 个国家 250 多个参赛队伍中，两个 IQ Team 分别位居世界 13 和 26 名。Team33111C 获得了 Think Reward。刘淦参加的 FRC 世界比赛进入该 Division Finalist, 位居世界排名 12 位，德州第二名。

关于课程:

学生通过这门课程，可以学到关于机器人设计，构建以及程序控制并运行的基本知识。同时这门课也可以在如何与他人合作，如何表达并展示个人观点和创意，如何设计从而将理论转变为现实方面帮助学员增加宝贵的实践经验。

这门课将使用 VEX IQ robotics system, 每 4 人一组采用实际操作的方式来学习设计处理解决机器人模拟开发中的实际问题。刘淦老师期待着与大家共同学习。

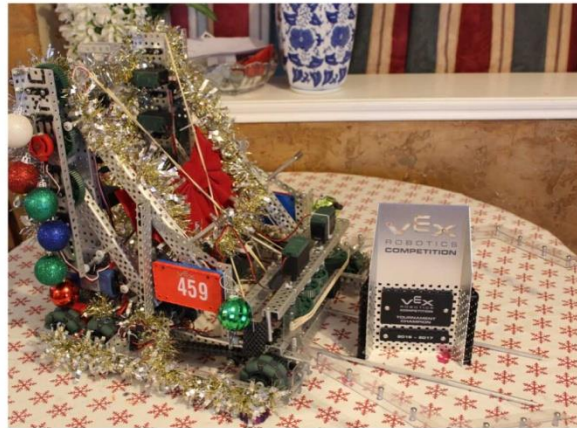


刘淦和他的队友



刘淦老师自己寻找合适的边角料亲手制作了代表 VEX 的奖杯，2017 春季学期结束时周日校长沙莎给机器人班的学生们发奖。

圣诞机器人



刘淦小教练带领的小队12/16
第一次参加VEX比赛，即荣获
第一，进入下一轮州赛。

Be With You.
PosterLabs