Imagine. Design. Build!

2012 NOVA Summer Robotics Camps

Are you up for something new and exciting to do this summer?

How about designing, building and programming a robot?

You can do just that at one of Northern Virginia Community College's Robotics Camps!

VEX 1 - Robotics Camp
Ages: Rising 6th-9th graders, this camp is ideal for students new to VEX robotics as well as students who have participated on a team, but would like to increase their programming and building skills.
Timeframe: 1-Week M-F, competition on Friday. 8am - 2pm bring a bag lunch M-Thurs.
Registration Fee: $225* (includes camp cost, T-shirt, and pizza on Friday).
Dates: June 25 - June 29 (Woodbridge HS)

VEX 2 - Robotics Camp
Ages: Rising 8th-10th graders with 1-2 years of VEX experience, this camp is intended for students competent with the basics of building and programming using the VEX system.
Timeframe: 2-Week M-F, competition on 2nd Friday. 8am - 2pm bring a bag lunch M-F.
Registration Fee: $415 * (includes camp cost, T-shirt, and pizza on 2nd Friday).
Dates: July 30 - August 10 (Patriot HS)

FLL 1 - First Lego League (FLL) Robotics Camp
Ages: Rising 4th & 5th graders, in groups of four, students will build an autonomous robot to carry out pre-designed missions in an obstacle course.
Timeframe: 1-Week M-F, competition on Friday. 8:30am - 12:30pm, bring a snack daily.
Registration Fee: $200 * (includes camp cost and T-shirt).
Dates: June 25 - June 29 (Patriot HS)

FLL 2 - Advanced LEGO NXT
Ages: Rising 5th-8th graders, this course is for students already familiar with the basics of programming and building using the LEGO NXT.
Timeframe: 1-Week M-F, competition on Friday. 8:30 am - 1:00pm, bring a snack daily.
Registration Fee: $270* (includes camp cost and T-shirt).
Dates: July 30 - August 3 (Patriot HS)

Robotics Programming NXT
Ages: Rising 5th-10th graders, this course is appropriate for students of all ages interested in learning a text-based (LEGO NXT) programming language.
Timeframe: 1-Week M-F, parent demonstration on Friday. 8:00 am - 11:00 am, bring a snack daily.
Registration Fee: $200 *
Dates: July 23 - July 27 (Patriot HS)

Robotics Programming Cortex (VEX)
Ages: Rising 6th-11th graders, this course is appropriate for all students interested in learning to program the VEX Cortex.
Timeframe: 1-Week M-F, parent demonstration on Friday. 12:00 pm - 3:00 pm, bring a snack daily.
Registration Fee: $200*
Dates: July 23 - July 27 (Patriot HS)

FRC - First Robotics Camp
Ages: Rising 10th - 12th graders, this is a 2 week camp designed to introduce experienced robotics students to the FIRST Robotics Competition (FRC). This is a large scale robotics program, which involves the use of power tools, and other machining equipment. Students will work in groups of 4-6 students.
Timeframe: 2-Week M-F, competition on 2nd Friday. 8am - 2pm bring a bag lunch M-F.
Registration Fee: $450* (includes camp cost, T-shirt, and pizza on 2nd Friday).
Dates: July 30 - August 10 (Patriot HS)

JASON - Underwater ROV
Ages: Rising 7th - 10th graders, students will work in groups of four to build an underwater robot.
Timeframe: 1-Week M-F, competition on Friday. 8am - 2pm bring a bag lunch M-F.
Registration Fee: $225* (includes camp cost, T-shirt, and pizza on Friday).
Dates: June 25 - June 29 (Patriot HS)

If you enjoy solving challenges and using your hands to find out how things work - you will love our Robotics Camps!

This year's Robotics Camps brought to you by:

AEROJET
insystech
Micron

Registration will open on March 15, 2012
To register, visit www.nvcc.edu
Keyword: SySTEMic Solutions

You’ll build skills in engineering, computer science, and physics as you work with a team to complete your own robotic creations and tackle a team challenge at the end of the camp.

*Processing fees not included in registration fee.