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-8th 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. 8:00 am – 2:00 pm bring a bag lunch M-Thurs.

Registration Fee: $230 (includes camp cost, T-shirt, and pizza on Friday).

Dates: June 25 - June 29 (Woodbridge HS)

July 16 - July 20 (Patriot 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. 8:00 am – 2:00 pm bring a bag lunch M-F.

Registration Fee: $420 (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 – 12:00pm, bring a snack daily.

Registration Fee: $205 (includes camp cost and T-shirt).

Dates: June 25 - June 29 (Patriot HS)

July 16 - July 20 (Woodbridge 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: $275 (includes camp cost and T-shirt).

Dates: July 30 - August 3 (Patriot HS)

August 6 - August 10 (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: $205

Dates: July 23 - July 27 (Patriot HS)

July 23 - July 27 (Woodbridge 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: $205

Dates: July 23 - July 27 (Patriot HS)

July 23 - July 27 (Woodbridge 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.

Requirements: Robotics Coach Recommendation Required. 2-3 Years of robotics experience preferred. Machine Shop Safety

Timeframe: 2-Week M-F, competition on 2nd Friday. 8:00 am – 2:00 pm bring a bag lunch M-F.

Registration Fee: $455 (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. 8:30 am – 2:00 pm bring a bag lunch M-F.

Registration Fee: $230 (includes camp cost, T-shirt, and pizza on Friday).

Dates: June 25 - June 29 (Patriot HS)

July 16 - July 20 (Woodbridge HS)

Registration open now!

To register, visit www.nvcc.edu

Keyword: SYSTEMic Solutions

SySTEMic Solutions and the Division of Science and Applied Technologies are excited to offer the 2012 Summer Robotics Camps.

This summer, we have more camps than ever covering additional robotics platforms and age groups. Additionally, all camp registration will now be electronic allowing us to communicate more efficiently about our current and future offerings as well as allowing a variety of payment options.

We look forward to seeing you this summer!

This year's Robotics Camps brought to you by:

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For questions about the camps, please send an email to: roboticscamp@comcast.net