



LAWRENCE TECHNOLOGICAL UNIVERSITY  
**ROBOFEST**

2011



Little robots, **Big Missions**

*A Competition Motivating Young Minds to Master the Machine*

# RoboFest Qualifying Competition

## Invitation

### 3<sup>rd</sup> Annual Autonomous Robotics Competition

*All teams and students are Welcome!*

**Venue:** Ross Norton Recreation Center  
**Date:** March 19, 2011 (Saturday)  
**Time:** 9:00 am – 1:00 pm  
**Address:** 1426 S. Martin Luther King Jr. Ave., Clearwater, FL 33756



**Junior Division:** 5th – 8th grade  
**Senior Division:** 9th – 12th grade



- **Game Competition** - A team of students competes to accomplish robotic challenges using autonomous robots.
- **Exhibition** – A team of students have the opportunity to demonstrate full creativity on any type of robotics project. Robots can dance, play the piano, make hamburgers, play soccer, etc.
- **RoboFashion and Dance Show** - A team of robots (two are recommended) will use a stage that does not have walls to show off their costume, walk (driving), and performing dance motions. Team members may interact/dance together with their robots.

*Join us in a FUN filled High Impact, Finger Biting, Educational event!  
Awards: Trophies, Medals, Certificates, Prizes, & Best Showmanship gifts.*

**For more info and how to register, please contact:**

**Emma Alaba** /Director /Sponsor Robofest 2011

Phone: (727) 447-3067 • Email: SimplePC4U@aol.com • [www.simplepc4u.com](http://www.simplepc4u.com)

**Juanita Andrews**/Asst. Site Organizer • Email: ANDREWSJU@pcsb.org

**Robofest Coordinator:** Lawrence Technological University ([www.robofest.net](http://www.robofest.net)).

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## Robofest 2011 Kick-Off Workshop on Jan. 8<sup>th</sup>

Robofest is an annual autonomous robotics competition focusing on learning STEM (Science, Engineering, Technology and Math) for students in grades 5 - 12 and college students. Robofest challenges teams of students to design, build, and program robots to compete in the Junior and Senior age divisions.

Students from all over the Tampa Bay area (Pinellas, Hillsborough, Polk, Pasco, and surrounding counties) are invited to participate. **Robofest encourages all types of teams:** homeschools, private schools, public schools, neighborhood groups, civic groups, clubs, churches, scouts, etc.

We had 19 teams last year and we expect more this year. Thank you everyone: coaches, parents, students, friends, volunteers, sponsors and Lawrence Technology University for a successful 2010, and please come back for Robofest 2011. *Volunteers, You Made It Happen!*

### NXT Programming Workshop

**FREE** - Hands-on Workshop to help teams better prepare for the upcoming Robofest robotics competition on **March 19<sup>th</sup> 2011**

- January 8<sup>th</sup> 9:00 am: orientation, setup, and registration (there is a \$25.00 registration fee for the workshop).
- The first 3 weeks the focus will be on building and programming the NXT. No prior robotics, building, or programming experience required. The workshop will be divided into rookies and advanced.
- The last 3 weeks the focus will be on the competition categories and tasks (Games, RoboFashion & Dance, and Exhibition).
- Please bring your robotics kit (NXT, RCX, VEX, and etc.) and laptop /computer with you.

**Note:** *If you need a team to join, don't have an NXT kit or laptop, please call or email me ASAP. All students, parents, volunteers, teachers, and engineers are Welcome!*

**Each team needs a kit and a computer for the competition.**

#### Dates and Times for the Workshop:

January 8 <sup>th</sup>	9am – 12 noon
January 29 <sup>th</sup>	9am – 12 noon
February 5 <sup>th</sup>	9am – 12 noon
February 19 <sup>th</sup>	9am – 12 noon
February 26 <sup>th</sup>	9am – 12 noon
March 5 <sup>th</sup>	9am – 12 noon

**Location: St. Petersburg Main Library 3745 9<sup>th</sup> Ave. North. St. Petersburg, Florida 33713**

**Please RSVP: [simplepc4u@aol.com](mailto:simplepc4u@aol.com) before, January 8th so we know how many to plan for.**

**For Info about Robofest 2011: [www.Robofest.net](http://www.Robofest.net) and [www.simplepc4u.com](http://www.simplepc4u.com)**

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