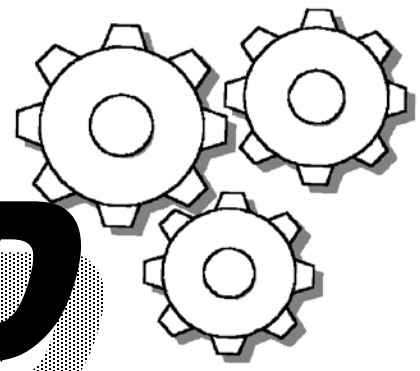


**The 22nd
LCCC / Nordson**

LEGO OLYMPIAD



Friday, April 20th, 2012

WHO: The Lorain County Community College student Chapter of the Society of Manufacturing Engineers hosts students up to grade 12 for a one-day competition. This event is sponsored by the Nordson Corporation.

WHAT: The Lego Olympiad is a design and building competition. Contestants compete in engineering-related activities that expose students to the world of mechanisms, machinery, moving parts, design, teamwork, planning, and construction techniques using their personal Legos and/or those supplied by their school/sponsoring group.

There are three divisions of competition:

The Computer Controlled and Theme Divisions allow teams of two to five members in grades 4-12.

- ◆ **COMPUTER CONTROLLED DIVISION:** Entrants will be given advanced notice (around March 12th) of an engineering challenge that they must address. Designs must utilize a computer to control at least one electric motor. Automation options include MindStorms or computer based interfaces. Entries should be designed, built, and programmed ahead of time.
- ◆ **THEME DIVISION:** A specific theme will be announced at the start of the contest. Team members must then work together to design, document, and then construct a project based on the theme. This is a good choice for teams that have not had the opportunity to prepare for the other divisions. It will also challenge the team's ability to solve problems under pressure. There will be three or more Theme Division categories organized by school grade.

The Open Division allows students preschool through grade 12 to compete individually or in teams of up to five people.

- ◆ **OPEN DIVISION:** There is no minimum age restriction for this division. There will be three or more Open Division categories organized by school grade, so participants compete with others around their own age.

Trophies and awards will be presented at the conclusion of the contest. The entry fee is \$5 per contestant.

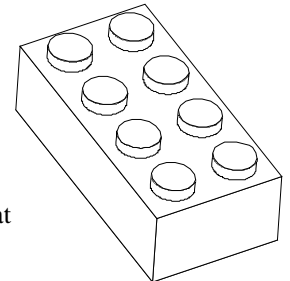
There will be no late registration.

WHERE: LCCC Spitzer Conference Center, 1005 North Abbe Road, Elyria, Ohio

WHEN: Friday, April 20th, 2012

7:30 am - 8:50 am	Check-in for all divisions
8:50 am - 9:00 am	Opening remarks
9:00 am - 11:15 am	Construction time (Open and Theme Divisions) Competition (Computer Controlled Division)
8:50 a m - 10:00 am	Late check-in for Open and Theme not needing all build time
11:20 am - 12:45 pm	Judging (Open and Theme Divisions)
12:45 pm - 1: 45 pm	Awards Ceremony

**Space is Limited!
Register today!**



FOR MORE INFO: www.lorainccc.edu/lego

For the latest information on the event, detailed rules, judging criteria, and more visit us on the web at

To register contact Linda at (440) 366-7041 between 9:30 AM and 5 PM. This telephone number is the only official way to register. Registration opens 9:30 AM on Wednesday February 15.

Space strictly limited. All registrations must be pre-paid. Registration closes April 6 or when all spaces are taken and paid, whichever comes first.

This contest is not associated or sponsored by The LEGO Group in any way.

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**Society of
Manufacturing
Engineers
Chapter S254**