

Wondering how to **engage students** while teaching **STEM concepts**? Don't miss this exclusive educators-only, **hands-on workshop** exploring the world of **robotics** and how these motorized machines can **positively impact classroom** learning!



# Introduction to Robotics Teacher Workshop



**August 11, 2011**

8:30 a.m.-2:00 p.m.  
 Cleveland State University  
 3100 Chester Avenue, Cole Center 300  
 Cleveland, Ohio 44114

\$225 GCEDC Member / \$325 Non-Member (breakfast and lunch included)  
 Payment confirms registration. Seating is limited. Coaches, mentors, and career tech educators are also welcome. Please arrive 20 minutes early.



You will explore LEGO Education's 5F Methodology approach to teaching. This method is the foundation for creating successful and engaging learning environments using LEGO Education resources.

1. Facilitation of 21st Century Teaching
2. Four-Phase Learning process: Connect • Construct • Contemplate • Continue
3. Flow: optional challenge; student engagement
4. Fun: motivational atmosphere using playful activities
5. Facts: curriculum relevance

During this workshop, discover how to teach science, technology, engineering, and mathematics concepts by using models of real-life robots that enhance student creativity, logic, and problem-solving skills to meet challenges with today's technologies. Turn your classroom into a hands-on, minds-on robotics laboratory.

## IMAGINE IT! BUILD IT! TEACH IT!

**For more information contact:** Dennis J. Kowalski, d.j.kowalski@csuohio.edu, 216-523-7106

GCEDC Workshop: Introduction to Robotics • August 11, 2011• Registration		
Name (Mr./Mrs./Ms./Dr.)	Member <input type="checkbox"/>	Non-member <input type="checkbox"/>
Address	Home Phone	Cell
City                      State              Zip	School & District	/
School Address	City	State      Zip
School Phone	School Fax	
Email Address	Title/Grade Level/Content Area (s)	
Enclosed is Check or Enter Purchase Order Number:	Amount \$	
Mail this form along with a Check or Purchase Order made payable to Cleveland State University (CSU) to: CSU GCEDC Registration, CE 300, 2121 Euclid Avenue, Cleveland, OH 44114. Fax 216-687-5422. Questions? Call 216-523-7107. Please visit <a href="http://www.csuohio.edu/cehs/gcedc">www.csuohio.edu/cehs/gcedc</a> for more engaging professional development opportunities. <i>Cleveland State University is an Affirmative Action/Equal Opportunity Institution.</i>		