



Robotics integrates all STEM fields in a way no other subject can

The KUKA Official Robot Education program is at the KORE of STEM Education

September 12, 2016 – Shelby Township, MI / Chicago, IL – KUKA

Robotics will be in booth N-6200 exhibiting among 2,000+ world-class industry suppliers at IMTS. The International Manufacturing Technology Show is one of the largest industrial trade shows in the world being held every two years in Chicago, IL.

The KUKA Official Robot Education (KORE) program presents high schools, technical centers, community colleges, and universities the support and opportunity to incorporate certificate-based robot education on KUKA products. The KUKA KORE package supports the increased education programs incorporating robotic-based training into their existing STEM (science, technology, engineering and math), Advanced Manufacturing and Mechatronics programs.

With the KUKA KORE package students have the opportunity to learn and perform basic robot programming and operation skills on exercise hardware that is similar to the onsite classes taught in Shelby Township, MI at the KUKA College. And through the KORE program, students learn fundamental robotic basics on the same robots and control technology that is utilized in a variety of industries.

Students will also have the opportunity to mine for clues in the KUKA booth and take the KUKA Kraze mobile quiz to enter for a chance to win a STEM party for their class visiting IMTS! KUKA KORE can also be found in the Smartforce Student Summit booth #NC-631. KUKA will showcase their KORE cart with the KR 6 R700 AGILUS robot for students to challenge themselves with directing the robot through a maze pattern. The students will even win a prize if they complete the maze within the allotted amount of time. This challenge from KUKA Robotics demonstrates behind the scenes programming allowing the students to get a basic understanding of how to apply robotics in different areas.

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About the KUKA Robot Group

KUKA Robotics Corporation along with KUKA Roboter GmbH, Augsburg Germany (part of the KUKA Aktiengesellschaft group of worldwide companies), ranks among the world's leading suppliers of industrial robots and material handling vehicles. Core competencies include the development, production, and sale of industrial robots, controllers, software, linear units, and omniMove™ omni-directional motion platforms. KUKA robots are utilized in a diverse range of industries including the appliance, automotive, aerospace, consumer goods, logistics, food, pharmaceutical, medical, foundry and plastics industries as well as multiple applications including material handling, machine loading, assembly, packaging, palletizing, welding, bending, joining, and surface finishing. KUKA robots range from 5kg to 1300kg payloads, and 635mm to 3900mm reach, all controlled from a common PC based controller platform.