JOIN THE HI-TECH REVOLUTION!

Engineering, Robotics and Computer Game Design Classes

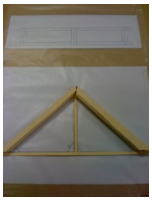
Get connected to the digital world using robots and your gaming skills.

2nd & 3rd Grades **Lego WeDo Simple Machines**—Students will explore the topics of simple machines using computer-based activities for the motorized Lego kits.

4th - 6th Grades **Lego NXT Robotics**— Students will learn about Space and Robotic exploration using Lego kits. They will construct robots and learn to program with computers.

7th & 12th Grades **Advanced Robotics**— Students will use the larger metal based kits and will be introduced into computer programming and the C+ language.

6th thru 12th Grades **Computer Game Design**– Students will learn how to create and program 3D computer games using Kodu Software developed by Microsoft Research Labs.



4th—6th grades **Intro to Engineering Class** – Students will learn basic engineering principles related to designing and building bridges and structures.

Spring Session II: March 24 –May 5, 2012

Title	Times	Fee	CRN's
Intro to Lego WeDo Simple Machines	9:00 am - 10:50 am	$85	30124
Intro to Lego NXT Robotics	9:00 am - 10:50 am	$85	30126
Intro to Advanced Robotics	9:00 am - 10:50 am	$85	30129
Intro to Computer Game Design	9:00 am -10:50 am	$85	30132
NEW! Intro to Civil Engineering (Bridge Building and Lego Simple Machines)	9:00 am -10:50 am	$85	30128
WeDo Simple Machines Level II (Pre-Req.: Intro to WeDo Simple Machines)	11:00 am - 12:50 pm	$85	30125
Lego NXT Robotics Level II (Pre-Req.: Intro to Lego NXT Robotics)	11:00 am - 12:50 pm	$85	30127
Advanced Robotics Level II (Pre-Req.: Intro to Advanced Robotics)	11:00 am - 12:50 pm	$85	30131
Adv. Computer Game Design	11:00 am -12:50 am	$85	30135

TIER
Texas Institute for Educational Robotics

For more information on how to register, contact Amparo Polendo, TIER Office Manager (210) 486—4421 or email pamparo@alamo.edu

ALAMO COLLEGES
NORTHWEST VISTA COLLEGE