



**Red Deer College Science Department and Biotron Electronics**

**Present a “Two” Day**

**“Practical Hands on Robotics Learning Workshop”**  
**{Beginner Robotics – Ages 11 to 14}**  
**Room 1439, Red Deer College**

**Session Day #1: August 26<sup>th</sup> (10.00 to 4.00 pm)**

**Session Day #2: August 27<sup>th</sup> (09.00 to 4.00 pm)**

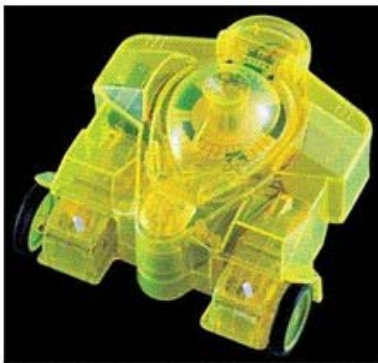
**This fun workshop supports in class Learning for CTS Studies in Robotics and Electro-Technology to understand Mobile Robotics and Unmanned Systems.**

**COST: \$79 covers GST, batteries, Instruction, Two Robots to take home, and materials**

**Pre-Registration by AUG 22<sup>nd</sup> please, at contact Information below**

**Payable by Cheque (at door), Money order (mail)**

**Registration:    Phone: 403 – 980 – 8001**  
**Web:    www.biotronelectronics.ca/cybotics**  
**Email:  info@biotronelectronics.ca**



**Binary Player Bot**



**The Moon Walker**

**Learning Objectives Presented by Facilitator, Video and Power-Point**

- **Navigation methods of Binary Player & Moon Walker Robots**
- **Electronics Circuitry of the Robots, how does it do that?**
- **Application to Real world robots and where is it going?**
- **Use of Sensor based Systems in the Future**