As part of the JMU Physics Department Outreach effort this year we are offering an "Introduction to Robotics" program aimed at interested high school students from Augusta and Rockingham Counties. The participants will have the opportunity to acquire/put to good use their physics knowledge (mechanics, electricity and magnetism, electronics, etc.), while building an autonomous robotic platform.

Each class will be taught by JMU physics professors, assisted by undergraduate physics majors. The material covered will attempt to go beyond the standards-based curriculum, emphasizing hands-on experimental activities.

Classes will meet on Saturdays from 9:00 am to 12:00 pm in the Physics and Chemistry Building on the James Madison University campus. The program will run for six weeks starting Sept. 23, with loosely related activities each week. Participation in all meetings is not required but strongly encouraged.

Application Procedure: Each student should complete an application form and submit it directly to Ioana Niculescu, James Madison University Physics Department, MSC 4502, Harrisonburg, VA 22807, or email to niculemi@jmu.edu. There is no application fee associated with this program. Admittance to this program is on a first-come first-served basis. Preference will be given to students attending all sessions. The application process starts on August 22, 2006 and the deadline is September 15, 2006.
James Madison University
Physics Department
Fall 2006 Physics Enrichment Program
Application Form

Student’s Name: ___________________________ Date of Birth: _________

Student’s Phone Number: _______________ Student’s email: __________

School Name:__________________________  Student’s Grade: _______

Please write a brief (no more than 150 words) statement explaining why you are interested in attending this program.

List all mathematics and science courses taken:

List your fields of academic and/or creative interest:

List some of your extra-curricular activities and hobbies