

USA SCREAM

2006

Registration Form

Name: _____
Age: _____ DOB: ____/____/____
Address: _____
City: _____
State: _____ Zip: _____
Phone: _____
E-mail Address: _____
Parents/Guardian: _____
Home Phone: _____
Work Phone: _____

Make check payable to:
University of South Alabama

Remit to:
Center for Continuing Education & Conference Services
2001 Old Bay Front Drive
Mobile, AL 36615-1427

Check _____ Amount \$ _____
Check # _____ Bank: _____

MasterCard Visa Amount \$ _____

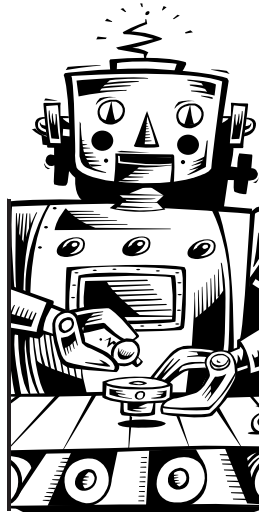
Discover American Express

Cardholders Name: _____

Card #: _____

Expiration Date: ____/____/____

How did you hear about this camp?



CENTER for
CONTINUING
EDUCATION
and Conference Services

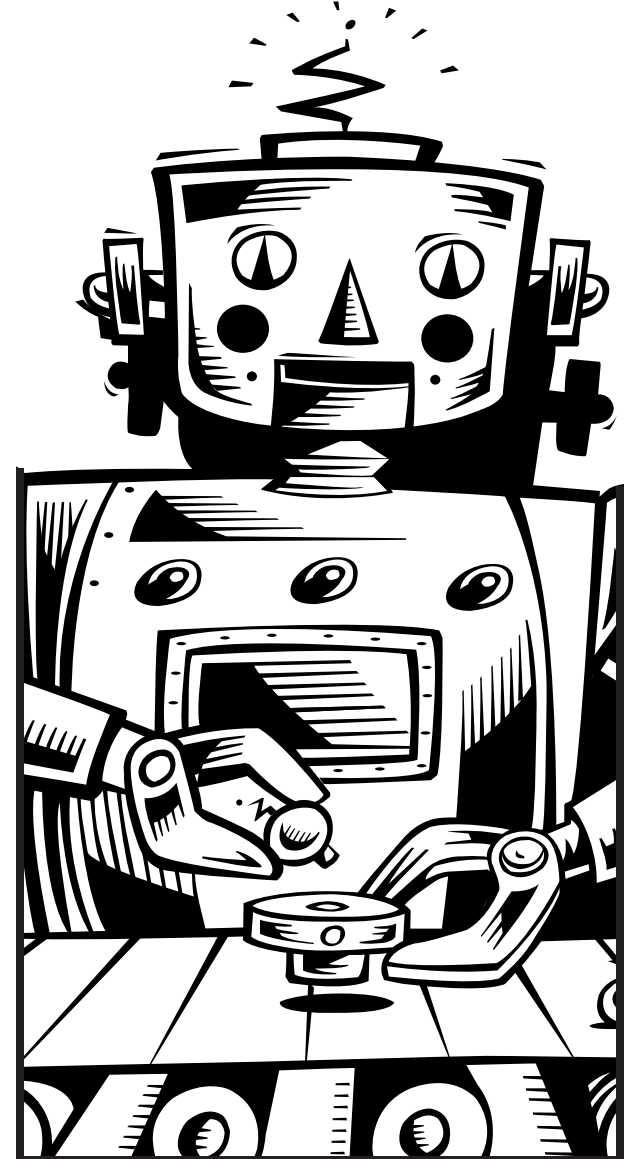
UNIVERSITY OF SOUTH ALABAMA

2001 Old Bay Front Drive
Mobile, AL 36615-1427
PH: 251.431.6536 Fax: 251.431.6408
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USA SCREAM

2006

Summer Camp in Robotics, Engineering and Mathematics



July 10-14 and July 17-21

USA SCREAM

2006

Summer Camp in Robotics, Engineering and Mathematics

screamers will be introduced to basic engineering and robotics concepts while reinforcing their math and science skills during participation in a series of hands-on projects and industry field trips.

Using a computer-aided design package that brings real-life engineering structures and bridge building problems into the classroom, students will be challenged to apply their math and science skills to determine a bridge design that will support the heaviest loads.

The use of lasers and fiber optics in communication equipment will be introduced. Students will then investigate how this equipment is used for high tech fingerprint identification.

Following basic instruction on the computer programming requirements for robotics, students will design, construct and program robots to perform simple tasks.

One day during this camp will be an industry day featuring a field trip to at least two local industries where the application of technology is vital to the business.

Dates:
July 10-14 and July 17-21

Time:
8:30 a.m. - 2:30 p.m.

Ages:
Grades 7th and 8th

Fee:
\$195

Location:
University of South Alabama, Main Campus

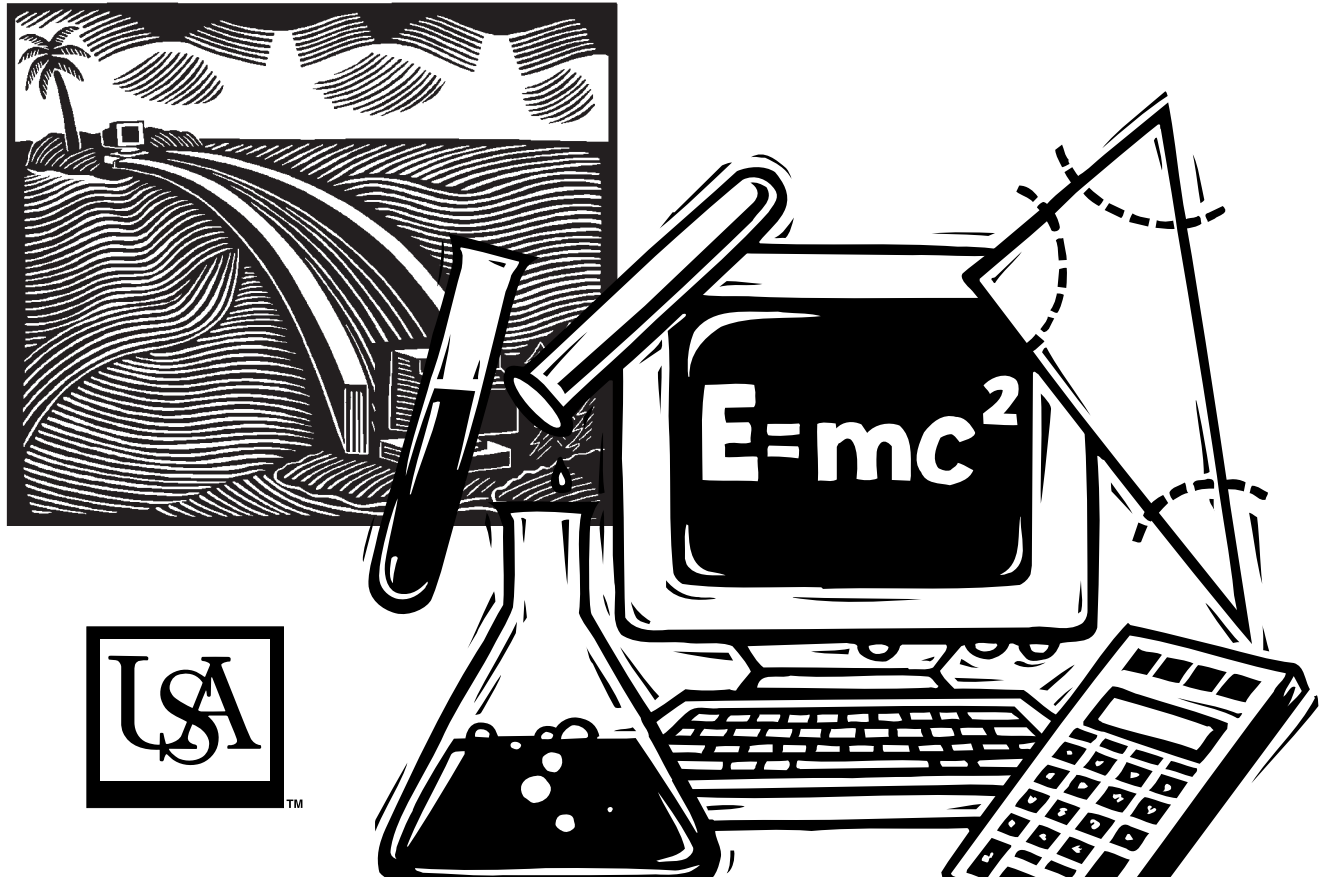
Instructors:
Robert Foley, Assistant Dean

Michael Doran, Professor

Madhuri Mulekar, Professor
Department of Math and Statistics

What You'll Need:
Students must bring a bag lunch Monday-Thursday. A pizza lunch will be provided on Friday. Snacks provided.

Offered with support from the
Alabama Space Grant Consortium



University of South Alabama