

YES, I'M INTERESTED

Last Name: _____

First Name: _____

School: _____

Grade: _____

Home Address: _____

Telephone: _____

Emergency contact

Name: _____

Tel: _____

(This interest form must be returned to
Mrs. Leslie Charles no later May 18, 2012)

CONTACT

For more information, please contact,

Dr. Atin Sinha
Professor and Coordinator of Engineering
Albany State University
Albany, GA 31705
Tel: (229)430-4820
Fax: (229) 430-4765
Email: atin.sinha@asurams.edu
Website: www.asu-engineering.org

The completed application form must be
submitted to:

Mrs. Leslie Charles,
Director,
Upward Bound
Albany State University
Albany, GA 31705
Tel: (229) 430- 1918
Fax: (229) 430-1932
Email: Leslie.Charles@asurams.edu



Albany State University

3rd

SCIENCE

TECHNOLOGY

ENGINEERING

PROGRAM

STEP
Into Summer

POTENTIAL REALIZED

Sponsored by
Georgia Space Grant Consortium
A funding agency of **NASA**

***Science, Technology Engineering Program
(S.T.E.P.)
Into summer***

***DO YOU LOVE ROBOTS?
ARE YOU INTERESTED IN MAKING
MOVIES?
ARE YOU INTERESTED IN CREATING
COMPUTER GAMES?***

Albany State University's S.T.E.P. is a new initiative, funded by the Georgia Space Grant Consortium, an agency of NASA. STEP is a one-week summer Computing Camp filled with a wide variety of activities aimed at preparing students for degree programs in Science, Mathematics, Computer Science and Engineering by exposing them to a multitude of computing environments.

Early exposure to computer programming in the visual and media environment helps boost students' interest. S.T.E.P. camp will introduce students to computer programming using such environments as Alice, Scratch and programming applications in Lego Robot and Pico Crickets.



1 . Alice is a visual programming environment where students can create 3D objects and make animation by programming. A typical project can be one of storytelling.

2 . Scratch is also a visual programming environment where students can draw objects to create a game.

3 . Lego NXT is a programmable robot that can speak with limited vocabulary and can be controlled by a program via four sensors.

4 . Pico Cricket is a device similar to Lego robot that students can assemble and program to respond to human commands.

SCHEDULE

The summer camp will be held during July 23-27, 2012 for the middle school students only.

Seats are limited to 18 students only.

ADMISSION REQUIREMENTS

- “B” Average in Mathematics and Science or 80%+ on Standardized Test (Students must submit a copy of the report card or test results)
- Recommendation from current Teacher or Counselor

APPLICATION PROCEDURE

Deadline for interest form: May 18, 2012.

If you are interested, please complete the attached form and return. The application packet will be mailed to you upon receipt of interest form.

Deadline for application: June 1, 2012.

There is a nonrefundable application fee of \$20.00.

**Please make your check payable to:
Georgia Space Grant Consortium**

This year no additional fee will be charged to attend the Summer Camp other than the \$20 application fee.

Selected students will be notified by June 15, 2012.

CAMP ACTIVITIES

On the first day of the camp, the students will get a welcome gift package with detailed schedule of day to day activities. The students will work under the tutelage of professors in Engineering and Computer Science departments and will have the opportunity of working in hands-on projects on programmable robots, CNC machine, computer games and various animations and gaming software. The academic instructions will be provided from 8:30 a.m. – 3:30 p.m. followed by an hour long recreational activities such as Swimming, Golf, and/or Basketball. Lunch will be provided at ASU Dining Hall every day.



STEP into summer by learning from the best Professors a University can offer.