

Science Technology Engineering Program (STEP)

Date: June 23, 2014 – June 27, 2014

Overview: The Fourth Interactive Computer Programming Summer Camp will be held at Albany State University from June 23 to 27, 2014. The camp is targeted at middle school students interested in careers in science and engineering and will teach them working in various robotics and animation software programming environment. The camp is sponsored by Georgia Space Grant Consortium, a funding agency of NASA providing scholarships to K-12 and university students. The camp participants will also have daily outdoor recreational activities such as swimming, basketball, etc. for an hour.

Sponsor: Georgia Space Grant Consortium

Eligibility: Middle school students from grades 6th, 7th, 8th and rising 9th graders. Applicants CRCT science and math scores must meet or exceed expectation.

Curriculum: Students will be performing hands-on projects in Alice animation software and Lego-Mindstorm Nxt programmable robots. They will also work in Computer Numerical Controlled machine and SolidWorks Computer Aided Design software. Wind Tunnel experiments will be performed and 3D Printers will be demonstrated.

Cost: Upon selection participants have to pay \$100 fee before the start of the camp .

Requirements:

1. Completed short application form
2. Most recent CRCT Science and Mathematics scores
3. Teacher's recommendation
4. Completed application package
5. Upon selection a fee of \$100 is payable prior to the start of the camp

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