PROGRAMMING AND ROBOTICS DAY CAMP
9 a.m.-4 p.m.
JUNE 30-JULY 3, 2008
FOR STUDENTS ENTERING GRADES 6-8 IN FALL 2008

FOR ADDITIONAL CAMP INFORMATION:

Charlotte Taraba
(859) 233-8228
c.taraba@transy.edu
http://homepages.transy.edu/~camps

ABOUT TRANSYLVANIA

Transylvania University is consistently ranked in national publications as one of the top liberal arts colleges in the nation. Transy is listed in U.S. News and World Report’s America’s Best Colleges, Barron’s Best Buys in College Education, The National Review College Guide, and Peterson’s Top Colleges for Science.

Transy awards the bachelor of arts degree in 24 majors, or students can design a major with approval of the academic dean. The natural sciences and mathematics division exemplifies the University’s tradition of academic excellence, stressing sound fundamentals in biology, chemistry, computer science, math, and physics. The division also offers a major in pre-engineering as well as special advising for students planning careers in medicine, veterinary medicine, dentistry, and other health professions.

For more information about Transylvania, please visit our Web site: www.transy.edu.

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ABOUT THE CAMP
Choose between two camps that will run at the same time. There will be social interaction between the two groups, but the course work will be completely different. The cost of the camp is $175.

■ Lego Robotics
This camp will introduce you to the fundamentals of robot building and programming using Lego Mindstorm NXT Kits. You will learn some history and current applications, but the goal is to build your own robot capable of performing a task such as maze following, hunt-and-destroy, find the light, or security patrol. Mindstorm robots are programmable in an intuitive visual language, so no experience is necessary, although you should be motivated about the field of robotics. If you choose to keep the robot you build, there will be an additional charge of $220. Please indicate this desire on the application.

■ Programming
The programming camp will introduce you to your choice of programming language, either BASIC or C++. Transylvania faculty and students will assist as you learn at your own pace, allowing ample one-on-one interaction between the campers and instructors.

SCHEDULE
Camp begins Monday, June 30, and goes through Thursday afternoon, July 3.

INSTRUCTORS
Kenny Moorman, associate professor of computer science, and Mike LeVan, associate professor of mathematics, will serve as instructors. Transy students will help supervise the computer labs, as well as the campers during the day.

FACILITIES
The camp will begin each morning at 9 a.m. with a brief meeting in Transylvania’s Brown Science Center, and campers will remain in this building most of the day. The camp fee includes lunch in the campus dining hall. During recreation time, students will have access to the Internet in the computer labs. Parents will return to the Brown Science Center at 4 p.m. to pick up their children.

ELIGIBILITY
To be eligible for the camp, you must have a grade average of at least a B and be recommended by two individuals—one of them a teacher or counselor who verifies your grades and confirms that you are interested in and could benefit from the camp’s program.

Enrollment is limited to 35 campers, so apply early. The application deadline is May 1, and confirmations will be sent by May 15. If you are not selected for camp, your deposit will be refunded.

APPLICATION
Please enroll me in Transylvania’s □ Lego Robotics or □ Computer Programming Camp. (choose 1)

Name
Gender
E-mail
Grade 9/08 School
Home Address
City, State, Zip
Parent(s)
Telephone
Parent(s) Place(s) of Employment
Business Phone
What camps have you previously attended?

Would you like to purchase a robot?

Transylvania’s Programming and Robotics Day Camp includes on-campus meals and computer instruction. Campers, their parents, and relatives agree to abide by the rules and regulations established for the health, safety, and welfare of the campers. Conduct judged not in the best interest of the camp will result in a camper’s dismissal without refund of camp fees. There will be no allowance or refund for late arrival or early departure. The camp is not responsible for loss of personal property. The parent or guardian grants Transylvania the right to use, for publicity or advertising purposes in any medium, the camper’s name and hometown as well as any camp-related photographs, statements, and letters involving the camper. The camp is coeducational.

Return completed application and $100 registration fee to:
Academic Camp
Transylvania University
300 North Broadway
Lexington, KY 40508