



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 35 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.

For additional camp information:

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300 NORTH BROADWAY
LEXINGTON, KENTUCKY 40508-1797

TRANSYLVANIA UNIVERSITY
FOUNDED 1780



**TRANSYLVANIA
UNIVERSITY**

COMPUTER CAMP



LEGO ROBOTICS

DAY CAMP

9 a.m.-4 p.m.

JUNE 29-JULY 2

OR

JULY 6-9

**FOR STUDENTS ENTERING
GRADES 6-8 IN FALL 2009**

ABOUT THE CAMP

This camp will introduce you to the fundamentals of robot building and programming using Lego Mindstorms 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, we must know this ahead of time.

Students with experience in Lego Robotics and the visual language included with those kits will be given the opportunity to explore more advanced topics.

Cost for the camp is \$200.

SCHEDULE

Session I begins Monday, June 29, and ends Thursday afternoon, July 2.

Session II begins Monday, July 6, and ends Thursday afternoon, July 9.



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 Day Camp.

Name _____

Gender _____

E-mail _____

Grade 9/09 _____ 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 Lego 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