

TRANSYLVANIA UNIVERSITY ACADEMIC CAMP

ROBOTICS DAY CAMP – JUNE 26-30, 2017

FOR STUDENTS ENTERING GRADES 6-8 IN FALL 2017

Serving middle and high school students' computer and academic needs for over 35 years!

ABOUT THE CAMP

This camp will introduce you to the fundamentals of robot building and programming using Lego Mindstorms NXT 2.0 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. Mindstorms robots are programmable in an intuitive visual language, so no experience is necessary, although you should be motivated about the field of robotics. The cost of the camp is \$275.

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

SCHEDULE

Camp begins Monday, June 26 and concludes the afternoon of Friday, June 30.

INSTRUCTORS

Kenny Moorman, professor of computer science, and Mike LeVan, associate professor of mathematics, will serve as instructors. Transy students will supervise the computer labs.

FACILITIES

The camp will begin each morning at 9:00 a.m. with a brief meeting. 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 at 4:00 p.m. to pick up their children.

ELIGIBILITY

To be eligible for this 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 40 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.

OTHER CAMP INFORMATION

The camp is coeducational. 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 for 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.

ROBOTICS DAY CAMP

Name	Preferred Name (Nickname)	Gender
E-mail	Grade Sept. '17	School
Home Address	City	ST Zip
Parent(s)/Legal Guardian Name(s)	Telephone (home/cell/business) Emergency number	
Parent(s) Place(s) of Employment		
What camps have you previously attended?	How did you hear about the camp?	

Return completed application and \$100 registration fee to:

**Academic Camp
300 North Broadway
Lexington, KY 40508**

T-Shirt Size _____
Youth (Small, Medium, Large)
Adult (Small, Medium, Large, X-Large, XX-Large, XXX-Large)

\$25.00 Returned Check Fee

For additional camp information, call: Charlotte (859) 233-8228 or e-mail: ctaraba@transy.edu Fax: (859) 233-8171

Online Registration: <http://tiny.cc/TUAcadCamp>
Online registration will incur a 6.5% service charge.