TO APPLY
Please complete this form and attach requested supplemental materials.
Email to polly.basore@wichita.edu or mail to:
Polly Basore, WSU Engineering Summer Camps, 1845 N. Fairmount Box 44, Wallace Hall 100, Wichita, KS 67260-0044

DEADLINES
April 1, 2016 is the deadline for preferred consideration. Applications received after that will be considered on a space-available basis. Applicants who submit by April 1 will be notified by May 1.
To ensure your registration in the camp, payment of the registration fee ($10/$25) will be due within 7 days of scholarship notification.

Camps are held at two Wichita locations:
the Wichita State University main campus (21st and Oliver), and the National Center for Aviation Training (NCAT), 4004 N Webb Rd.

CAMPS BY GRADE LEVEL
Choose grade student will be in during fall 2016
4th-5th LEGO Robotics, Scratch I and Scratch II
6th-8th LEGO Robotics, Scratch I and Scratch II, Solar Energy
8th-9th Middle School Bioengineering, App Programming, Video Game Programming, Intro to Vex Robotics
10th-12th Engineering with Arduinos, High School Bioengineering, High School Industrial Engineering, High School Cybersecurity and High School Flying Robotics (Aerospace) Camp

ABOUT OUR CAMPS
Each summer, Wichita State University’s College of Engineering hosts a series of summer camps for youth in grades 4 to 12 that are intended to develop the love of science and technology, creativity and analytical thinking critical to any engineer or computer scientist.

This year we again offer some of our most popular camps like LEGO Robotics (4th-8th grade) and Bioengineering, (8th-9th and 10th-12th) as well as several new camps:

Scratch Programming II: Campers apply what they have learned about programming in Scratch to program LEGO robots. 4th-8th grade.

Solar Energy Camp: Campers will learn how energy from the sun is used to generate power. This trip includes a field trip to a local solar energy installation. 6th-8th grade.

App Programming: Campers will learn to design their own smart phone apps using App Inventor. 8th-9th grade.

High School Industrial Engineering Camp: This year’s overnight camp for 10th-12th grade focuses on how engineers design processes so people can work smarter not harder.

High School Cybersecurity Camp: Campers learn about privacy concerns related to personal technology and how coders protect against them. 10th-12th grade.

High School Flying Robotics (Aerospace) Camp: Campers will explore the crossover between aerospace and computer science while learning about how drones are designed and programmed. 10th-12th grade.
Scholarship Application
The WSU College of Engineering has a limited number of scholarships available for the 2016 summer camps. Regular registration fees are $175 per week for half-day camps, $350 for full-day camps and $575 for the overnight camp. Selected students will only be required to pay a $10 fee for half-day camps/$25 for overnight. Space is limited. **Priority is given to underrepresented students—female, African American, Hispanic, Native American and students who would be the first generation in their families to go to college.** Number your 1st and 2nd choices.

**Parent(s), please complete the following.**
All information provided will remain confidential.

Child’s First Name: ___________________________
Child’s Last Name: ___________________________
Address: ___________________________________
City: _______________ State: ___ ZIP: ___________
Home Phone: _______________________________
Parent Daytime Phone: ______________________
Email Address: _____________________________
Grade (Fall 2016):  _______
School:____________________________________

**T-Shirt Size (circle one)**
Youth S   M   L     Adult  S   M      L    XL      XXL

Ethnicity:  __________________________________
Gender (circle one)     Male      Female

My child qualifies for free or reduced school lunches : (circle one) YES  NO

Would your child be the first generation in your family to go to college and get a degree? (circle one) YES  NO

Annual household income: ____________________
Number of household members: _______________

Parent Signature: (Sign to certify the accuracy of submitted information.)
__________________________________________
Date:______________________________________

Questions? Contact Polly Basore, K-12 Outreach, at polly.basore@wichita.edu or (316) 978-6512.

**AM camps meet 8:30 to Noon, M-Fri**
**PM camps meet 1 p.m. to 4:30 p.m., M-Fri**
**FULL DAY camps meet 8:30-4:30 pm., M-Thu**

*Full day camps include lunch*

**WEEK 1, June 6-10, 2016**
___ LEGO Robotics I (4th- 5th grade) AM, NCAT, $175
___ LEGO Robotics 1 (6th-8th grade) PM, NCAT, $175
___ Scratch Programming I (6th-grade) AM, WSU Campus, $175
___ Scratch Programming I (4th-grade) PM, WSU Campus, $175

**WEEK 2, June 13-17, 2016**
___ LEGO Robotics II, (4th-grade) AM, NCAT, $175
___ LEGO Robotics II, (6th-grade) PM, NCAT, $175
___ High School Biomedical Engineering, (10th-12th) FULL DAY, WSU Campus*, $350

**WEEK 3, June 20-24, 2016**
___ Middle School Biomedical (8th-9th) AM, NCAT, $175
___ Middle School Biomedical (8th-9th) PM, NCAT, $175
___ Engineering with Arduinos, (10th-12th), FULL DAY, WSU Campus*, $350 + $25 equipment fee for take-home Arduino Kit ($80 value)

**WEEK 4, June 27-July 1, 2016**
___ Scratch II: Robotics, (4th-5th) AM, NCAT, $175
___ Scratch II: Robotics, (6th-8th) PM, NCAT, $175
___ High School Industrial Engineering, (10th-12th) June 26 at 4:30 p.m. through June 30 at Noon June 30. WSU Campus*, $575 (includes overnight accommodations and all meals)

**WEEK 5, July 5-8, 2016 (Because of the July 4 holiday, this week camps are only four days and $150 each.)**
___ Video Game Programming (8th-9th) AM, NCAT, $150
___ Video Game Programming (8th-9th) PM, NCAT, $150
___ App Programming (8th-9th) AM, WSU Campus, $150
___ App Programming (8th-9th) PM, WSU Campus, $150

**WEEK 6, July 11-14, 2016**
___ Intro to Vex Robotics, (8th) FULL DAY, WSU Campus*, $350

**WEEK 7, July 18-22, 2016**
___ Solar Energy Camp, (6th-8th), AM, WSU Campus, $175

**WEEK 8, July 25-28, 2016**
___ High School Cybersecurity Camp, (10th-12th) FULL DAY, WSU Campus*, $350
___ High School Flying Robotics (Aerospace), (10th-12th) FULL DAY, WSU Campus*, $350

APPLICANTS MUST SUBMIT THE FOLLOWING:

⇒ This application form signed by parent.
⇒ 100 to 200-word statement by student on why you wish to attend your chosen camp. This may be handwritten.
⇒ ****HIGH SCHOOL CAMPS ONLY – A signed letter of recommendation from a Math, Science or PLTW teacher. This may be emailed directly by teacher. Ask teacher to put your name in the subject line.