

Spring Break 2017

# STEM CAMP

# Raspberry Pi

Have a fun and inventive spring break! During this week-long camp, middle-school students use computer programming, electronics, and more to engage in an exciting exploration with the small but powerful Raspberry Pi computer. In the afternoon, there will be fun with Oakton Athletics and members of the Oakton Robotics team. At the conclusion of the week, students will be able to take their Raspberry Pi computers home to continue their learning.

**Course Code: KID S13-01 [CRN 41539] Fee: \$225**

**Ages: Middle School Grades 6 - 8**

**Monday - Friday, March 20 - 24**

**8 a.m. - 6 p.m., Des Plaines Campus**

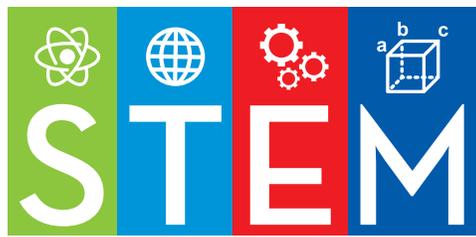
Register at [www.oakton.edu/conted/find\\_classes/youth](http://www.oakton.edu/conted/find_classes/youth) or use attached form. For more information, call 847-982-9888.



**Oakton**  
Community College

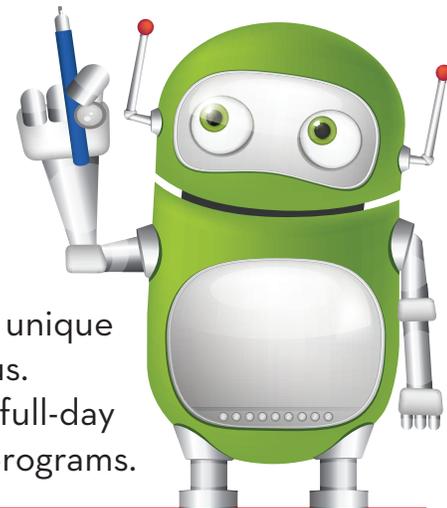
1600 East Golf Road, Des Plaines





SUMMER 2017

# STEM YOUTH PROGRAMS



More than just fun and games, our programs provide engaging and unique learning opportunities for students ages 8 to 12 on a college campus. Enroll in one or more of our half-day programs in June or attend a full-day program in July. Don't miss out on these diverse, academic youth programs.

## SKOKIE CAMPUS - JUNE

### Minecraft Designers

Design your very own objects, create skins for characters, and import them into your favorite Minecraft® games.

KID U03-31, Mon. - Thu., June 5 - 8, 9 a.m. - 12 p.m., \$129 CRN 50817

### New! Digital Storytellers

Start with a concept, design the storyboard, add some dialogue, and watch as the characters in your imagination come to life in your first graphic novel.

KDE S08-31, Mon. - Thu., June 5 - 8, 1 - 4 p.m., \$129 CRN 50077

### Minecraft Modders

Learn scripting and logic statements as you create your first mod. Introductory coding will also be taught through a simulated environment inspired by Minecraft®.

KID U06-31, Mon. - Thu., June 12 - 15, 9 a.m. - 12 p.m., \$129 CRN 50818

### New! Code Breakers

Learn the basics of coding languages like HTML and JavaScript, design challenges each day, and be on your way to becoming the next tech star.

KDE S09-31, Mon. - Thu., June 12 - 15, 1 - 4 p.m., \$129 CRN 50078

### Minecraft Animators

Bring your favorite Minecraft® characters to life in an animated short film. Learn how studios like Pixar and Disney make movies using techniques like key framing, texturing, animating rigged 3D models, and more.

KID U07-31, Mon. - Thu., June 19 - 22, 9 a.m. - 12 p.m., \$129 CRN 50819

### New! Virtual Reality: The Future is Now

Discover Virtual Reality (VR) design. Create your own virtual worlds, explore simulated environments, and craft memorable 3D experiences. At the end of class, take home your VR headset to be used on your mobile device. Tuition includes cost of VR headset.

KDE S12-31, Mon. - Thu., June 19 - 22, 1 - 4 p.m., \$148 CRN 50904

### New! Video Game Animation

Take your game design to the next level by creating and animating your own character sprites, objects, and backgrounds.

KDE S13-31, Mon. - Thu., June 26 - 29, 9 a.m. - 12 p.m., \$129 CRN 50081

### New! Game Labs: Collaborate—Create—Compete in the Ultimate Video Game Experience

Take gaming to another level by competing with the world! Students learn advanced editing, simple 3D modeling, and intermediate event scripting.

KID U08-31, Mon. - Thu., June 26 - 29, 1 - 4 p.m., \$129 CRN 50903

## DES PLAINES CAMPUS - JULY

\$225 Early Bird registration postmarked by June 16.

Lunch is not provided.

### New! Environmental Science and Computer Programming Camp

Have fun outdoors the first half of the day while composting, planting, and exploring environmental science activities. Then, for the second half of the day, develop games, create animations, and more with the MIT-developed SCRATCH computer program.

Mon. - Thu., July 10 - 13, 9 a.m. - 3 p.m.

KDE S10-31, \$300

CRN 50079

KDE S10-32, \$225 Early Bird

CRN 50086

### New! Computer Programming with Arduino

Use a combination of mechanical, electrical, and software engineering to program with Arduino™ - an exciting electrical engineering prototyping platform that explores electronics and how electronic circuits work.

Mon. - Thu., July 17 - 20, 9 a.m. - 3 p.m.

KID S06-31, \$300

CRN 50082

KID S06-32, \$225 Early Bird

CRN 50087

### New! Exploring Sensors with Device Building

From roller coasters to smartphones to touchscreens, sensors are everywhere. Explore how to build devices that use sensors.

Mon. - Thu., July 24 - 27, 9 a.m. - 3 p.m.

KID S07-31, \$300

CRN 50083

KID S07-32, \$225 Early Bird

CRN 50088

### New! 3D Modeling and Printing with Open Source

Unleash your inner engineer while building and designing 3D models. With the use of open software, students will be able to continue their learning after the camp has ended.

Mon. - Thu., July 31 - August 3, 9 a.m. - 3 p.m.

KID S08-31, \$300

CRN 50084

KID S08-32, \$225 Early Bird

CRN 50089

Summer registration opens March 20, 2017.

Register at [www.oakton.edu/conted/find\\_classes/youth](http://www.oakton.edu/conted/find_classes/youth) or use attached form. For more information, call 847-982-9888.



7701 North Lincoln Avenue, Skokie  
1600 East Golf Road, Des Plaines

# Youth Program Registration Form - Summer 2017

## Alliance for Lifelong Learning (ALL)



**Four Ways to Register:** **1. In Person** - Skokie campus, Room A120; Des Plaines campus, Room 1420 **2. Fax** - 847.635.1448  
**3. Mail** - Alliance for Lifelong Learning, P.O. Box 367, Skokie, IL 60077 **4. Online** - www.oakton.edu/conted

### Student and Parent Information (Please Print)

Student Name (First, Last)	Student Date of Birth	Email	
Parent Name (First, Last)	Phone	Emergency Phone	
Street Address	City	State/Zip	

### Demographic Information of Student (This information is requested solely to comply with Federal laws)

1. Are you Hispanic or Latino? (OR Are you of Spanish origin?)  Yes Hispanic or Latino.  Not Hispanic or Latino.

2. Are you from *one or more* of the following racial groups? (Select all that apply).  American Indian or Alaska Native  Asian  
 Black or African American  Native Hawaiian or Other Pacific Islander  White  Choose Not to Respond

3. Please identify your primary racial/ethnic group. (Select one).  American Indian or Alaska Native  Asian  Black or African American  
 Hispanic or Latino  Native Hawaiian or Other Pacific Islander  White  Choose Not to Respond

4. Are you in the United States on a Visa – Nonresident Alien?  
 Yes in the United States on a Visa.  Not in the United States on a Visa. Provide Home Country of Origin: \_\_\_\_\_

### Program Selection - Check the box of each class for which you are registering. *Early bird registration is due by June 16, 2017.*

<input type="checkbox"/> <b>Minecraft Designers</b> <b>June 5 - 8 9 a.m. - 12 p.m.</b> \$129 KID U03-31	<input type="checkbox"/> <b>Env. Science and Computer Programming</b> <input type="checkbox"/> \$225 (Early Bird) KDE S10-32
<input type="checkbox"/> <b>Digital Storytellers</b> <b>June 5 - 8 1 - 4 p.m.</b> \$129 KDE S08-31	<input type="checkbox"/> <b>July 10 - 13, 9 a.m. - 3 p.m.</b> <input type="checkbox"/> \$300 (Regular) KDE S10-31
<input type="checkbox"/> <b>Minecraft Modders</b> <b>June 12 - 15 9 a.m. - 12 p.m.</b> \$129 KID U06-31	<input type="checkbox"/> <b>Computer Programming with Arduino</b> <input type="checkbox"/> \$225 (Early Bird) KID S06-32
<input type="checkbox"/> <b>Code Breakers</b> <b>June 12 - 15 1 - 4 p.m.</b> \$129 KDE S09-31	<input type="checkbox"/> <b>July 17 - 20, 9 a.m. - 3 p.m.</b> <input type="checkbox"/> \$300 (Regular) KID S06-31
<input type="checkbox"/> <b>Minecraft Animators</b> <b>June 19 - 22 9 a.m. - 12 p.m.</b> \$129 KID U07-31	<input type="checkbox"/> <b>Exploring Sensors with Device Building</b> <input type="checkbox"/> \$225 (Early Bird) KID S07-32
<input type="checkbox"/> <b>Virtual Reality</b> <b>June 19 - 22 1 - 4 p.m.</b> \$148 KDE S12-31	<input type="checkbox"/> <b>July 24 - 27, 9 a.m. - 3 p.m.</b> <input type="checkbox"/> \$300 (Regular) KID S07-31
<input type="checkbox"/> <b>Video Game Animation</b> <b>June 26 - 29 9 a.m. - 12 p.m.</b> \$129 KDE S13-31	<input type="checkbox"/> <b>3D Modeling and Printing with Open Source</b> <input type="checkbox"/> \$225 (Early Bird) KID S08-32
<input type="checkbox"/> <b>Game Labs</b> <b>June 26 - 29 1 - 4 p.m.</b> \$129 KID U08-31	<input type="checkbox"/> <b>July 31 - August 3, 9 a.m. - 3 p.m.</b> <input type="checkbox"/> \$300 (Regular) KID S08-31
<b>Total Tuition (including \$9 processing fee): \$ _____</b>	

### Method of Payment

**Cash**  **Check No.** \_\_\_\_\_ (payable to Oakton Community College)  **Visa**  **MasterCard**  **Discover**

Credit Card Number \_\_\_\_\_ Exp. Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Three-Digit Verification Code (on back of card) \_\_\_\_\_

Cardholder Name (print) \_\_\_\_\_ Cardholder Signature \_\_\_\_\_

### Information and Consent

**Age Recommendations and Lunch:** If your child's age is just under or over 8 to 12, please contact us at 847-982-9888 for special consideration. Lunch is not provided. Students should bring their own lunch and snacks. Full-day programs will break for lunch at noon. Students registered for a half-day morning and afternoon program on the same day will be supervised by a staff member during the lunch hour between programs.

**Tuition and Fees:** Payment is due at the time of registration. Each registration form must include a \$9 registration fee.

**Cancellation/Refunds:** Full tuition will be refunded (minus the \$9 registration fee) if notification is received at least five business days prior to the first class session. A \$15 fee will be charged for cancellations. No refunds will be issued for requests received less than five business days before the start of class. If Oakton cancels a program, registrants receive a full refund.

**Photo Release:** Oakton Community College may use images of participants in the youth program for promotional and educational purposes. Please initial if you grant permission for possible photos and video to be taken of your child participating in the program. **Initial** \_\_\_\_\_

**Activity Agreement:** The undersigned further agrees to forever release and discharge the college, its officers, agents, trustees, and employees against all claims for losses, damages, judgments, expenses, and liabilities which the undersigned or participant may have as a result of participation in the activity. In case of a medical emergency during the course of the activity, the undersigned hereby authorizes any local hospital, doctor, licensed medical practitioner, or emergency personnel, to take whatever action necessary to address the medical emergency. The undersigned certifies that the participant has health insurance coverage and the agrees that in the event medical treatment is rendered, said insurance shall be considered primary. If any provision of the agreement or part thereof is ruled unenforceable by a court of competent jurisdiction, the remainder of the agreement shall be in full force and effect. I have read, understand, and agree to the above. **Initial** \_\_\_\_\_

Parent Name (First, Last) \_\_\_\_\_

Parent Signature \_\_\_\_\_

Date \_\_\_\_\_

# Youth Program Registration Form - Spring 2017

## Alliance for Lifelong Learning (ALL)



**Four Ways to Register:** **1. In Person** - Skokie campus, Room A120; Des Plaines campus, Room 1420 **2. Fax** - 847.635.1448  
**3. Mail** - Alliance for Lifelong Learning, P.O. Box 367, Skokie, IL 60077 **4. Online** - www.oakton.edu/conted

### Student and Parent Information (Please Print)

Student Name (First, Last)	Student Date of Birth	Email	
Parent Name (First, Last)	Phone	Emergency Phone	
Street Address	City	State/Zip	

### Demographic Information of Student (This information is requested solely to comply with Federal laws)

1. Are you Hispanic or Latino? (OR Are you of Spanish origin?)  Yes Hispanic or Latino.  Not Hispanic or Latino.

2. Are you from *one or more* of the following racial groups? (Select all that apply).  American Indian or Alaska Native  Asian  
 Black or African American  Native Hawaiian or Other Pacific Islander  White  Choose Not to Respond

3. Please identify your primary racial/ethnic group. (Select one).  American Indian or Alaska Native  Asian  Black or African American  
 Hispanic or Latino  Native Hawaiian or Other Pacific Islander  White  Choose Not to Respond

4. Are you in the United States on a Visa – Nonresident Alien?  
 Yes in the United States on a Visa.  Not in the United States on a Visa. Provide Home Country of Origin: \_\_\_\_\_

### Program Selection

<input type="checkbox"/> <b>KID S13-01 Raspberry Pi STEM Camp [CRN 41539]</b>	Course Fee:	\$225.00
Monday - Friday, March 20 - 24, 8 a.m. - 6 p.m.	Processing Fee:	\$9.00
Des Plaines Campus	<b>Total Tuition:</b>	<b>\$234.00</b>

### Method of Payment

**Cash**  **Check No.** \_\_\_\_\_ (payable to Oakton Community College)  **Visa**  **MasterCard**  **Discover**

Credit Card Number \_\_\_\_\_ Exp. Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Three-Digit Verification Code (on back of card) \_\_\_\_\_

Cardholder Name (print) \_\_\_\_\_ Cardholder Signature \_\_\_\_\_

### Information and Consent

**Age Recommendations and Lunch:** If your child's age is just under or over 8 to 12, please contact us at 847-982-9888 for special consideration. Lunch is not provided. Students should bring their own lunch and snacks. Full-day programs will break for lunch at noon. Students registered for a half-day morning and afternoon program on the same day will be supervised by a staff member during the lunch hour between programs.

**Tuition and Fees:** Payment is due at the time of registration. Each registration form must include a \$9 registration fee.

**Cancellation/Refunds:** Full tuition will be refunded (minus the \$9 registration fee) if notification is received at least five business days prior to the first class session. A \$15 fee will be charged for cancellations. No refunds will be issued for requests received less than five business days before the start of class. If Oakton cancels a program, registrants receive a full refund.

**Photo Release:** Oakton Community College may use images of participants in the youth program for promotional and educational purposes. Please initial if you grant permission for possible photos and video to be taken of your child participating in the program. **Initial** \_\_\_\_\_

**Activity Agreement:** The undersigned further agrees to forever release and discharge the college, its officers, agents, trustees, and employees against all claims for losses, damages, judgments, expenses, and liabilities which the undersigned or participant may have as a result of participation in the activity. In case of a medical emergency during the course of the activity, the undersigned hereby authorizes any local hospital, doctor, licensed medical practitioner, or emergency personnel, to take whatever action necessary to address the medical emergency. The undersigned certifies that the participant has health insurance coverage and the agrees that in the event medical treatment is rendered, said insurance shall be considered primary. If any provision of the agreement or part thereof is ruled unenforceable by a court of competent jurisdiction, the remainder of the agreement shall be in full force and effect. I have read, understand, and agree to the above. **Initial** \_\_\_\_\_

Parent Name (First, Last) \_\_\_\_\_

Parent Signature \_\_\_\_\_

Date \_\_\_\_\_