



# Kids' College 2016

#### General Information

Once you register and payment is received, consider yourself enrolled. No confirmation letters or phone calls will be sent. Cancellations must be made 1 (one) business day prior to the first day of camp in order to receive a refund.

## STEAM Your Way into 3D Printing

Did you see where the astronauts needed a tool in space and they used a 3D printer to make one? 3D printing is the way of the future! Start your journey with this exciting camp that will utilize 3D technology with a 3D printing pen. You will create sculptures and designs and learn how 3D printing is being used on a daily basis. After camp, the 3D printing pen will be yours to take home and continue learning and experimenting on your own. Marti Mauntel will be the instructor. Don't delay, this class is limited to only 10 students!

Monday-Wednesday, June 20-22 1:00-4:00pm Grades 4 and up Center for Technology

Cost: \$95 (includes T-shirt and 3D printing pen)

# STEAM with Squishy Circuits

Squishy Circuits is a super fun way to learn basic electronic principles! Students will create works of art that light up, spin and buzz. This unique kit engages students of all ages to learn more about science and electricity! The Squishy Circuits kit is reusable and will go home with students at the end of camp. The instructor will be Marti Mauntel. Class is limited to only 10 students!

Thursday-Friday, June 23-24 1:00-4:00pm Grades 3 and up, Center for Technology Cost: \$55 (includes T-shirt and kit)

#### Robotics with the Edison Robot

Edison is an affordable, easy to use, and fun introduction into programming and robotics. It is easily programmed using free software and barcodes. Your TV remote can also be used to control Edison! Legos can be added to change Edison's appearance and functions. Students will learn a programming language made for Edison and discover all of his functions. Check out everything Edison can do here: http://y2u.be/WOC\_TDWd8Mo

Tuesday-Thursday, June 28-30 1:00-4:00pm Grades 4 and up Center for Technology

Cost: \$75 (includes T-shirt and Edison)

Limited to 10 students.

## Virtual Reality Movie Star

Monday-Thursday, June 6-9

Have you ever wanted to see the pyramids? Walk down the streets of Paris? See the set of your favorite movie? Now you can thanks to Google! This class will explore the world with Google Cardboard where you will get to see some of the world's greatest secrets and simulate skydiving/scuba diving. Then to top it all off, you and several of your friends will create, direct, and star in your own 360 degree movie! Camp instructor is Matt Mauntel. Class is limited to only 12 students!\*

9:00am-Noon Grades 4 and up
Administration Building, Room 103
Cost: \$80 (includes T-shirt, Google Cardboard, Flash drive)
\*Special note: Students will be able to view and edit their videos on the computer, but to get the full virtual reality experience, they will need smartphone access at a later point.

#### CSI VUJC

Learn the skills to become a **Crime Scene Investigator** right here on the Jasper Campus! Training will include hair identification, handwriting analysis, fingerprinting, and drug analysis. Students will be able to put their skills to the test during a simulated crime scene on the 4<sup>th</sup> day of camp. On the last day, there will be a special event and the students will be able to interact with current professionals in the field. Camp instructors are Marti Mauntel and Tina Terwiski.

Monday-Friday, July 18-22 9:00am-Noon Grades 5 and up Center for Technology Cost: \$75 (includes T-shirt)

#### Video Game Design

Have you ever wanted to design your own video game? Now you can at home! This course will teach you how to design your own video game like the game Super Mario Brothers. You will be able to design your own characters, make up your own story for the video game, and see if your friends and family can beat your masterpiece! We have included a cool character flash drive to save your games on! Camp instructor is Matt Mauntel.

Monday-Thursday, June 20-23 9:00am-Noon Grades 4 and up Administration Building, Room 103

Cost: \$80 (includes T-shirt and Flash drive)

#### Boys Basketball Camp

This 3-day basketball camp is open to boys entering grades 2-8. Camp is designed to stress fundamentals of the game including passing, dribbling and shooting. Contests and games will also be included. Camp Leaders are Vincennes University coaching staff.

Monday - Wednesday, June 20-22 9:30 - Noon, grades 2-8 VUJC Ruxer Student Center gym Cost: \$75 (includes T-shirt & basketball)

## Archery Camp

Boys and girls are welcome to join us in this hands-on basic instruction in the safe pursuit of Archery. This evening camp is offered in cooperation with the 4-H Shooting Sports. All equipment will be provided.

Monday - Thursday, June 13-16 6:30-8:30 pm, grades 4 - 8

Dubois Co. 4-H Fairgrounds, Commercial Bldg.

Cost: \$65 (includes T-shirt)

#### Baseball Camp

The Dubois County Bombers Baseball team in conjunction with VUJC will conduct a 3-day baseball camp at historic League Stadium. Campers will be grouped by their age and skill level. Campers will practice the fundamentals of throwing, infield play, outfield play, base running, hitting and pitching. Campers will also participate daily in drills, contests, and games. Camp will be led by the coaching staff and players of the Dubois County Bombers. Please bring to camp: Baseball hat, appropriate shoes, baseball glove, bat with name, sunscreen and water.

Monday - Wednesday, July 18-20 9:00 - noon, grades 1 - 8 League Stadium in Huntingburg

Cost: \$70 (includes T-shirt and ticket to a game) \*\*In case of inclement weather please listen to local radio stations WITZ 104.7FM and WBDC 100.9FM.

## Cheerleading Camp

Come and learn the fundamentals of cheerleading including motion technique, chants, cheers, jumps, tumbling, partner stunts and dance. Older grades will have the opportunity to work on more advanced skills with a special session devoted to Try-out tips and suggestions. Camp leader is Tonia Mehringer who led her team to win the 2015 JamFest Super Nationals and 2015 State Championship!

VUJC Ruxer Student Center gym Cost: \$65 (includes T-shirt) Tuesday - Thursday, June 21-23 1:00-4:00 pm, grades Kindergarten and up

#### Dance Camp

This 3-day dance camp is open to girls and boys entering grades K-8. The camp will show students proper jazz techniques and hip-hop moves. Beginners and accomplished dancers are all welcome. Campers will be grouped by age and skill level. Our instructor is Carolyn Randolph, director and instructor at Dance Central Academy of Performing Arts. The last day of camp there will be a performance to show off their newly learned skills and routines at 2:45pm. Please wear socks and tennis shoes each day to camp.

Tuesday-Thursday, July 12-14 1:00-3:00pm, grades K-8 VUJC Ruxer Student Center Gym Cost: \$60 (includes T-shirt)

## Spanish for the FUN of it!

Habla Espanol? In this fun class, you will learn basic Spanish vocabulary through arts and crafts, games and music. Students will learn how to count in Spanish, as well as the vocabulary for family members, animals, body parts, and other common phrases. Special Latino snacks will also be included. Camp instructor is Gina Schuetter, a Spanish teacher who spent time learning and volunteering in Costa Rica

Monday-Wednesday, June 13-15 8:30-11:30am, Grades 2-6 Center for Technology Cost: \$60 (includes T-shirt)

#### Destination Science!

Come and enjoy seeing and participating in "science in action" using household items that are available every day. You will also learn about projectile motion activity and trajectory science using a NERF BLASTER you can keep and take home! Bring 2-liter bottles along to experience them as fountains, water rockets, buoyancy divers, slime forming polymers, and maybe even musical devices. Also, students can see water boil at room temperature under a vacuum dome and see what happens to water when it boils while no heat is being added. Students will also have a chance to "trust" their own conclusions about conservation of potential energy with a bowling ball pendulum. Camp instructor is Doug Thayer from Orleans Community Schools.

Monday-Wednesday, June 6-8 9:00am-Noon, Grades 4-8 Center for Technology

Cost: \$75 (includes T-shirt and Nerf Blaster)

#### Junior Chef Camp

Your child will love this camp where he/she will create their own snacks and lunch. Campers will learn proper use of kitchen tools as well as sanitation and safety in the kitchen. Lunch will be provided every day! At the end of camp, they will go home with a cookbook of all the recipes to try on their own families. Camp instructor will be Terry Andry, a graduate of the VUJC Culinary Academy and Food Service Manager of the campus Bistro. Register early! These classes fill quickly. Class space will be limited to 12 students. Please bring a portable electric mixer

2-Saturdays, June 18 and 25 9:00am- 1:00pm, Grades 2-8 Ruxer Student Center Bistro, Cost \$75

#### Gaming Mathematics

Do you enjoy playing games? Board games, card games and even video games! Would you like to learn how to be a better player? The answer is simple...math! Learn new techniques for overthrowing your opponent and becoming the best player in your school (and learning some cool math in the process). Each day of camp will feature a new game followed by an open session where participants can try and learn new games they may have never been exposed to before. And for the last day, parents are invited to join in and see who is the best gamer in the house!

Parents: Students will learn some basic probability and logic that they can apply not only to games, but also to higher

Monday-Thursday, July 25-28 9:00am-Noon Grades 3 and up Center for Technology Cost: \$60 (includes T-shirt)

# Autodesk Inventor: Introduction to Solid Modeling and 3D Printing

level mathematics. Camp instructor is Matt Mauntel.

This class provides students with the beginning skills and techniques necessary to use Autodesk Inventor 2015 design software. Users will learn the software using a "hands-on" approach to complete the process of designing models from conceptual sketching, through to solid modeling, assembly design, and drawing production.

Students will also be introduce to 3D Printing using a user friendly, safe printer. Camp instructor is Colton Newton.

Colton is regarded by Autodesk as one of the top 100 CAD and CAM experts. He has received MIT and Presidential recognition for product design and is the co-founder of a design company.

4 sessions-Mon. Tues. Thurs. Fri. July 11,12,14 and 15. 9 am - 12 noon. Center for Technology, Room 224 Grades 4 grade and up. Cost \$95 (includes T-shirt)

#### Delicious Desserts!

Everyone loves to make desserts! Terry Andry will again share her recipes for easy and fun desserts to make and sample while in class. Students will learn to follow recipes, measure ingredients, follow safe cooking guidelines and experiment with different ingredients and flavors. At the end of the class, they will have all the recipes to take home with them. *Please bring a portable electric mixer*.

Saturday, July 16, 9:00-1:00 pm Ruxer Student Center Bistro, Cost \$50 Grade 2-8

# NAO 1, Robot Programming

Introduce your child to the world of robotics and programming! NAO is a sophisticated humanoid robot that has 25 motors, 2 cameras, 4 speakers and numerous touch sensors. He can dance, tell stories, play soccer, and is used to assist senior citizens in medication administration. Each student will learn the ins and outs of programming the NAO and will use their imagination to make NAO move, talk, and dance! Limited to 10. Sign up early!

Monday, Tuesday and Thursday, June 6-8 9:00am-Noon, Grades 3-7 Center for Technology, Room 224 Cost: \$25 (includes T-shirt)

#### NAO 2

More! More! We heard what you wanted and here it is! Our NAO Robot camp was extremely popular last year and students wanted to continue with programming again this year. This camp is designed to improve on the skills learned in the NAO 1 class and to move on to more advanced programming skills. Limited to 10 students.

Monday, Tuesday and Thursday, July 25, 26 and 28 9:00am-Noon, Grades 3-7 Center for Technology, Room 224 Cost: \$25 (includes T-shirt)

## Exploring STEM!

Students will enjoy being able to use their creativity in team activities based on STEM. Students will have fun problem solving doing a variety of hands-on activities using household items. Projects include building a tower, making crazy goop, forming a gas, testing the strength of paper, building a maze and designing and testing a catapult. Instructors: Abby Rogier and Katelynn Schnell. Both are licensed teachers in elementary education and serve as after school counselors

Monday-Wednesday, June 27-29 8:30-11:30am, Grades 4-7 Center for Technology Cost: \$60 (includes T-shirt)

#### DESIGN A TOY

Do you love to play board games but are bored with the ones you have at home? Do you like to play imaginative games outside but don't have something to play with? Do you enjoy doing arts and crafts? Well if you answered YES to any of these questions, then maybe you should join us as we show you how YOU CAN DESIGN your own board game or build your own light saber or sew with felt or design a doll or an accessory line all your own. In this three day session, you can learn about concepts such as marketing, advertising, and current toy trends. We will help you take your creative ideas and hidden talents and help you design and create your very own TOY! Camp leader is Cathy Light, Jasper Middle School STEM program instructor.

Monday-Wednesday, July 18-20 8:30-11:30am, Grades 4-8 Center for Technology Cost: \$60 (includes T-shirt)

# REVERSE ENGINEERING/EDIBLE ENGINEERING

Do you love to take things apart? Do you like to break open objects and see what falls out? Have you ever looked at how electrical circuits work - what makes the doorbell ring, how does that toy light up? If you answered yes, then perhaps you are a future engineer! Join us as we learn about the general principles of basic engineering by understanding the process of Reverse Engineering - taking objects apart to see how things work - and here's the tricky part - then putting them back together again! We will also learn how electronic circuits work and the difference between a switch and a cable. The best part will be when we create edible circuits which represent our real life circuit boards!! Learn about mechanisms such as gears, cranks and levers. Understand the process of connectivity and small design. Let's take apart those computer keyboards and plastic wind-up toys and have some fun! Instructor is Cathy Light.

Monday-Wednesday, June 13-15 8:30-11:30am, Grades 4-8 Center for Technology Cost: \$60 (includes T-shirt)

# **SCHOLARSHIPS AVAILABLE!**

How many children currently live in the household?\_



## **Scholarships Information:**

VUJC Kids' College in cooperation with the Vincennes University Jasper Campus Foundation is pleased to offer scholarships to many of our summers programs.

## VUJC Kids' College Scholarship Application

Scholarship application <b>MUST</b> be completed and returned <b>WITH</b> the registration form. Applicants are evaluated without registration, natural origin, sex or physical ability. Funding is <b>limited</b> and scholarships are not guaranteed to all applicants.
What do you hope your child will gain from this experience?
What is your previous experience at VUJC Kids' College?
Are there any extenuating circumstances, permanent or temporary, that make financial assistance necessary at this time?
Does your child receive assistance for Lunch and or Textbooks? ☐ YES ☐ NO

# **KIDS' COLLEGE REGISTRATION FORM**

Kids' College is a fun learning experience for students. Eligible grades (Fall 2016) are listed for each course. Classes will meet on the Vincennes University Jasper Campus unless noted otherwise. Enrollment is limited and many sessions fill early. Once you register and payment is made, consider yourself enrolled and attend the first class as scheduled. We will notify you if there is a change. No refunds will be given after the start of a camp. Cancellations must be made 1 (one) business day prior to the first day of camp in order to receive a refund. Payment must be received in advance.

Name			AgeGrade (Fall 16)	
Home Address:		City:	State:	Zip:
Email Address:				
Parent's Names:		Parents' Phone	ə:	
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2. Camp:		C	ost:	
3. Camp:		Co	ost:	
If parent or guardian c	annot be reached:			(NAME/PHONE #)
Vincennes University, Vinc release Vincennes Universi and injuries suffered by the adequate accident or health for the possible future medi acknowledgment of risk and	severe injury, or worse, can occurennes University Jasper Campus ty Jasper Campus any affiliated student while under the instruct insurance covering the student it ical expenses that may be incurred waiver of liability, having read	ar in any activity involving sports, and physical eds (VUJC), and its instructors to provide for the reacamp facilities, its staff, and the instructor's place ion, supervision, or control of VUJC's classes and n VUJC's classes and camps. As a student, or legal by my child as a result of any injury sustained we thoroughly and understood completely, is signed	sonable safety and protection of employment, from all lia camps. I also certify that mal guardian of the student, I while participating in VUJC voluntarily as to its content	on of its students. I therefore ability for any and all damages by child will remain covered by agree to individually provide s classes and camps. The and intent.
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Signature of Cardbold	er.			

VUJC, Continuing Education Department, 850 College Avenue, Jasper, IN 47546 812.481.5937 or 812.481.5909