



PATHWAYS TO COLLEGE ENRICHMENT PROGRAM



CAMP INNOVATION PATHWAYS TO COLLEGE PROGRAM

GRADES K-9

FALL 2019

Saturdays, October 26-November 9, 2019, 9:00 – 11:30 am

Northern Kentucky University's Camp Innovation Pathways to College Program is an innovative program designed for youth to discover and explore advanced content and engaged learning. All classes provide the opportunity for students to share interests with other children while exploring pathways to intellectual development, academic enhancement, career exploration, and creative artistic fulfillment.

Camp Innovation offers courses infusing entrepreneurship, science, mathematics, social studies, technology, visual and performing arts, and original interdisciplinary studies.

We encourage students to choose their own classes on a first-come first-served basis.

DATES AND LOCATION

- Fall 2019 semester courses will be held Saturdays, October 26-November 9
- Sessions meet from 9:00 – 11:30 AM
- Classes are held in Landrum Hall on the beautiful campus of Northern Kentucky University

WHAT MAKES NKU'S CAMP INNOVATION PROGRAM EXCEPTIONAL?

- Camp Innovation attracts a diverse group of gifted, talented and creative people from all over our region! You will find **friends** who share your interests and love of learning.
- **Career exploration pathways** incorporated into every class.
- Classes are **fun!** Classes are interesting and interactive with a focus on transdisciplinary learning, technology integration, and authentic real-world learning.
- Emphasis on **intellectual challenge** through critical and creative thinking.
- Environment that values **creativity, diversity, entrepreneurship, and achievement.**
- Parents are invited to attend our FREE **Parent Place** workshops for coffee, networking, and stimulating conversations.
- Personal attention from **talented and caring teachers.** All teachers receive specialized training and ongoing support to help them meet the unique needs of gifted youth.
- Small class sizes for **caring, personalized, and differentiated instruction.**

PARENT PLACE WORKSHOPS

- Parents, educators, and interested community members are welcome to attend our **FREE** Parent Place workshops offered each week during the Camp Innovation Program.



REGISTRATION

- Registration is available online: <http://gifted.nku.edu/> or via phone: 859-572-5600 before Thursday, October 14, 2019.
- **Tuition \$100** (Need-based financial scholarships are available for anyone who qualifies for free or reduced lunch. For further information, call 859-572-5600.)
- **Course Material Fees are paid directly to the teacher on the first day of class.**
- There will be an additional \$30 processing fee for registrations received after October 14, 2019.
- Students are placed in classes on a first-come, first-served basis, and many classes will fill before the application deadline. ***For the best selection of classes, apply early.***
- Students will receive an emailed confirmation once registered.
- The Camp Innovation Pathways to College Program reserves the right to close or cancel prior to the first class meeting or make any necessary schedule changes. Any changes will be communicated via email to the address provided when registering.

REFUNDS

- Full refunds, minus a \$30 processing fee, may be given prior to October 14, 2019.
- No refunds will be made after October 14, 2019.
- Any child whose behavior disrupts the learning of others will be discontinued as a participant in the Camp Innovation Pathways to College program. There will be no refund of fees under these conditions.

EMERGENCY CLOSINGS

- In case of inclement weather or any unforeseen emergency, the Camp Innovation Pathways to College Program reserves the right to cancel a class without make-up class or refund. In the unlikely event of inclement weather, we will try to reschedule if at all possible.
- In the event of inclement weather or unforeseen emergency, the program director will send an email to all participants. Also refer to the NKU webpage <http://nku.edu> for weather-related announcements.

PUBLICITY AND MEDIA WAIVER

- All students enrolled in the Camp Innovation Pathways to College Program and their parents/guardians grant permission to capture and/or record the participant's name, image, likeness, persona, photograph, or voice, in any media and/or technology now known or later developed. Such use of her name, image, likeness, persona, photograph, or voice can be used throughout the world for educational, commercial, trade, or any other lawful purpose.

BUILDERS (GRADES K-3) COURSES:

Amazing Animal Artists, Grades K-5, Material Fee \$15

Learn to be an awesome animal artist in this fun class. We will learn about animals while creating amazing pieces of art. You will leave this class with your own inspired artistic animals.

Champion Chess Masters in Training, Grades 2-9, Material Fee \$25

Are you a chess beginner or perhaps you are ready to take your chess playing skills to the next level? In this class, you will learn all about the world of chess. You will learn how to compete in tournament style chess competitions while expanding your critical thinking skills. A few colleges have full scholarships for chess! ***With the materials fee, you will receive an official tournament chess set, board and a bag for them.***

Dance! Grades K-3, Material Fee \$0

Have fun and exercise! We will learn simple routines in different styles based on student preferences. Students will have the opportunity to choreograph their own routines and teach the class. ***Parents may arrive a half hour early on the last day to be treated to a recital.***

Exploring Flight Research with Experimental Gliders, Grades K-3, Materials Fee \$10

Do you love building paper airplanes? If so, let's take it to the next level! Join us to learn how to construct a glider and how to change flight patterns based upon engineering. We will also explore the history of aircraft designs.

Grossologists: Icky, Sticky Scientific Fun! Grades K-3, Material Fee \$15

Are you ready to get slimy? Are you ready to get your hands in goo? In this fun class, we will explore a variety of science topics through hands-on, messy experiments. You will follow the scientific method while learning major science concepts. We will expand our thinking while observing, measuring, and observing. ***Be prepared to get MESSY in this class! This class will feature a live animal visit from Cool Critters Outreach.***

May the Force Be With You, Grades K-3, Material Fee \$10

The Force will be with you as we learn about push, pull, gravity, and friction. We will conduct experiments with different objects to analyze force and investigate what the world would be like without friction. Explore ways to knock down a wall and save a city from boulder!

Light
the
Way

Zoo Explorations, Grades K-3, Materials Fee \$10

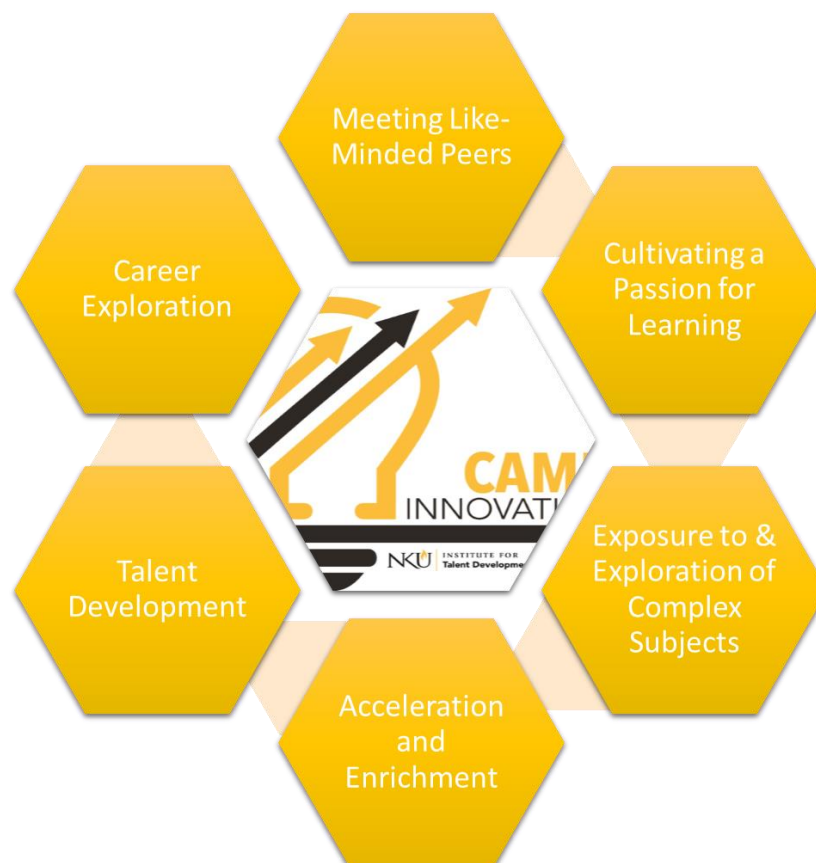
Do you love the Zoo? Have you ever heard of an aye-aye, an elephant nosefish, a white-eyed assassin bug, or a potto? Join in the fun as we explore the amazing features and animals of our local Cincinnati Zoo. We will discover the unique animals, their habitats, and characteristics as well as explore what it would be like to be a zookeeper protecting animals from around the globe. Join us on this exciting animal adventure!

Paleontologist Interns, Grades K-3, Material Fee \$20

Dinosaurs roamed the earth and dominated the planet in a variety of ways. Today we can visit their bony remains in museums or peer into the past by looking at their fossils. Put on your paleontologist hat and come discover what the world was like for these magnificent ancient reptiles. How did they live? How did they become extinct? Do they roam among us today? ***This class will feature live animal visits from the Newport Aquarium/WAVE Foundation.***

Ozobot and Sphero Robotics, Grades K-3, Material Fee \$10

Join us on this one-of-a-kind robotics exploration! We will immerse ourselves into the world of robotics through fun, team-based activities. We will work with Ozobots and Sphero Bolt systems to design, construct, and program robots to solve challenges. You will need your creative thinking and STEM skills for this amazing class.



INNOVATORS (GRADES 3-6) COURSES:

Amazing Animal Artists, Grades K-5, Material Fee \$15

Learn to be an awesome animal artist in this fun class. We will learn about animals while creating amazing pieces of art. You will leave this class with your own inspired artistic animals.

Camp Break-a-Leg, Grades 4-9, Materials Fee \$30

Do you have an artistic eye and want to explore the world of theater? Your creativity will shine downstage, backstage, and in the wings at Camp Break-A-Leg. Through fun acting games, set design activities, and hands-on stage make up lessons, aspiring thespians will learn about movement, stage orientation, and the “magic” that you can create in the theater. Camp Break-a-Leg includes a behind the scenes tour of NKU’s theater program, video chat with a stage designer in Los Angeles, and coaching session with well-known actors in Cincinnati’s theater scene. The curtain will close with our thespians sharing what they learned through one-minute improv shows. **All participants will receive their own stage make up kit.**

Champion Chess Masters in Training, Grades 2-9, Material Fee \$25

Are you a chess beginner or perhaps you are ready to take your chess playing skills to the next level? In this class, you will learn all about the world of chess. You will learn how to compete in tournament style chess competitions while expanding your critical thinking skills. A few colleges have full scholarships for chess! **With the materials fee, you will receive an official tournament chess set, board and a bag for them.**

Crack the Code, Grades 3-6, Materials Fee \$5

Are you a problem solver? Do you like to solve puzzles, riddles, and decode secret messages? If so, you will enjoy **Crack the Code**. In this class you will decode secret messages, participate in STEM activities, and solve riddles—all while trying to be the first to “crack the code.” You will use your creativity, communication skills and collaboration abilities to complete the tasks. Are up for the challenge?

Crafty Creators, Grades 3-6, Materials Fee \$10

Use your imagination to create crafty masterpieces using glue, paint, glitter, photographs, and more. These DIY projects are something you can personalize, modify, and take home to enjoy over and over again. If you’ve taken Crafty Creators before, these projects are all new so you are sure to get a new experience.

CSI Investigators, Grades 4-9, Material Fee \$15

Join the investigations as we learn about crime scenes, eyewitness basics, physical evidence, and fingerprinting. We will apply our scientific knowledge, creativity, and investigative skills working as a CSI Investigators.



History Comes Alive! Learn About the Shawnee Tribe of Southwest Ohio, Grades 3-5, Material Fee \$10

This exciting class will cover a wide variety of topics about the Shawnee Native American Tribe: Who were they? How did they live? and what was their place in Ohio history? We will recreate their homes, learn about their clothing and war paint, try Native American foods, music, ceremonies, and more! Through art, drama, and dance we will learn about the Shawnee's most memorable leaders and their impact on our current culture.

Rock Painting Picassos, Grades 3-8, Material Fee \$15

Do you enjoy searching for hidden rocks? Do you know the true meaning behind painting rocks? Does it bring you joy or excitement when you find one or hide them for someone else to find? Come to Rock Painting where you can learn the safety behind rock painting, how to paint them, and the best places to find and hide rocks, exhibiting leadership along the way. Some literacy is also tied into this fun course. On our last day, we will walk around NKU's campus so each of us can hide one of our painted rocks. Each day we will paint a new theme onto rocks. It's your time to be creative while also spreading kindness around the campus and other places! Please bring a small, sturdy box (such as a shoe box) to store your rocks. Make sure your name is on the outside of the box!

Veterinary Residency, Grades 3-6, Material Fee \$20

Do you bring home stray dogs? Do you nurse birds with injured wings back to health? Do you climb up to get the cat that won't come down from the tree? Sounds like you are ready to become a veterinarian! Join us as we learn about the animal kingdom's most fascinating members. We will explore topics such animal kinesiology, diet, and health issues. ***This class will feature live animal visits from Clough Pike Vet Clinic and Dan Evans with Cooper's Dad Animal Companion Company.***



GROUNDBREAKERS (GRADES 5-9) COURSES:

Champion Chess Masters in Training, Grades 2-9, Material Fee \$25

Are you a chess beginner or perhaps you are ready to take your chess playing skills to the next level? In this class, you will learn all about the world of chess. You will learn how to compete in tournament style chess competitions while expanding your critical thinking skills. A few colleges have full scholarships for chess! ***With the materials fee, you will receive an official tournament chess set, board and a bag for them.***

Camp Break-a-Leg, Grades 4-9, Materials Fee \$30

Do you have an artistic eye and want to explore the world of theater? Your creativity will shine downstage, backstage, and in the wings at Camp Break-A-Leg. Through fun acting games, set design activities, and hands-on stage make up lessons, aspiring thespians will learn about movement, stage orientation, and the “magic” that you can create in the theater. Camp Break-a-Leg includes a behind the scenes tour of NKU’s theater program, video chat with a stage designer in Los Angeles, and coaching session with well-known actors in Cincinnati’s theater scene. The curtain will close with our thespians sharing what they learned through one-minute improv shows. ***All participants will receive their own stage make up kit.***

CSI Investigators, Grades 4-9, Material Fee \$10

Join the investigations as we learn about crime scenes, eyewitness basics, physical evidence, and fingerprinting. We will apply our scientific knowledge, creativity, and investigative skills working as a CSI Investigators.

Imagine, Design, Create: You Can Be a Graphic Designer, Grades 5-9, Materials Fee \$20

Have you ever wanted to create your own designs and turn them into reality? In this class we will become graphic designers and learn how to bring ideas to life – from designing and creating t-shirts, to mugs, and wooden signs! We will make different creations each week using math, art, technology, and use our imaginations to bring our ideas to life!

The Magical Marketing of Disney, Grades 6-9, Materials Fee \$0

The Walt Disney Company needs your help! They are challenging you to create the ultimate Disney™ theme park. But before you can create the park, you must first understand how to get people excited about coming to experience it. Take an exciting journey backstage to see how The Walt Disney Company uses its characters, movies, and products to create magical experiences that appeal to all ages at its theme parks. Learn the four P’s of marketing and use them to create your version of the ultimate Disney theme park! Select the rides, attractions, and shows and put together a plan to convince people to come experience the park you have created. Problem-solving, critical and creative thinking, collaboration, and a magical imagination are required!

Video Game Designers, Grades 4-9, Material Fee \$0

We will become our own video game developers in this hands-on, minds-on class. Learn the skills and techniques necessary to design and program your own video games using professional game development software, while expanding your skills as we learn how to incorporate a multitude of fun new features into video games! You will strengthen your math, science, logic, and artistic skills while gaining a sense of self-confidence! ***Students enrolled in this class need to bring a 1 GB USB drive with them to class.***



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#CampInnovation
#NKUGifted

NKU's Camp Innovation Pathways to College Program is endorsed by the Northern Kentucky Association for Gifted Education

A MESSAGE FROM OUR DIRECTOR:

I am eager to share with you the Institute for Talent Development and Gifted Studies' Fall 2019 *Camp Innovation Pathways to College* course catalog. Whether we are meeting for the first time this fall or you're a friend, I can't wait to share with you what we have planned through the Institute this upcoming year.



At NKU's Institute for Talent Development and Gifted Studies, we believe all children should be provided with educational and enrichment experiences matched to their unique needs and interests. Talent can be developed by matching one's interests, abilities, and aptitude with the right opportunities, experiences, and challenges. All learners should be provided with experiences that motivate, encourage perseverance, develop creativity, and enable them to grow intellectually, emotionally, and socially. At NKU, we aim to provide content-rich programming that builds confidence and competence while also deepening understanding of complex ideas.

We have many activities planned for this fall, including the *Camp Innovation Pathways to College Program* for students in kindergarten through ninth grade; our *Parent Place* workshops; the *Financial Literacy Academy* and the *Sports Business Academy* for students in grades 4-9; and the Young Women LEAD Conference. Our graduate gifted endorsement and micro-credential courses continue to be offered online throughout the year. We will be adding additional programming throughout the fall; updates can be found on our [Facebook page](#) and [website](#).

Did you know that the Institute is self-sustaining? We are able to offer our programs because of your continued support. There is so much more we would like to offer for students, educators, parents, and community stakeholders. If you would like to support any of our current or future programs, please contact Dr. Kimberly Code at gifted@nku.edu or 859-572-6685. Our programs are better because of parent, educator, and community stakeholder collaboration.

Mark Your Calendar

Financial Literacy Academy, September 21
Fall Camp Innovation Program, Saturdays, October 26-November 9
Young Women LEAD Conference, October 31 & November 1
Sports Business Academy, November 16
Spring Camp Innovation, Saturdays, February 29-March 14

At Northern Kentucky University

ABOUT NORTHERN KENTUCKY UNIVERSITY'S INSTITUTE FOR TALENT DEVELOPMENT AND GIFTED STUDIES:

The mission of the Institute for Talent Development and Gifted Studies is to be the standard bearer of talent development and gifted education. We aim to address the unique needs of youth with demonstrated gifts and talents as well as those who may be able to develop their talent potential with appropriate educational experiences.

The Institute shares Northern Kentucky University's three-part mission of teaching, scholarship, and public engagement by being a comprehensive and valued resource for students, educators, community stakeholders, and parents in the regional community; innovating educational technology best practices that support the precocious abilities of gifted and talented youth; and conducting rigorously applied research on topics relevant and useful to gifted and talented students, educators, community stakeholders, and parents.

The Institute strives to develop collaborative, meaningful partnerships with businesses, community agencies, and educational institutions in support of high potential and gifted youth.

NKU's Institute for Talent Development and Gifted Studies thanks our partner organizations:



Personalization. Automated.



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