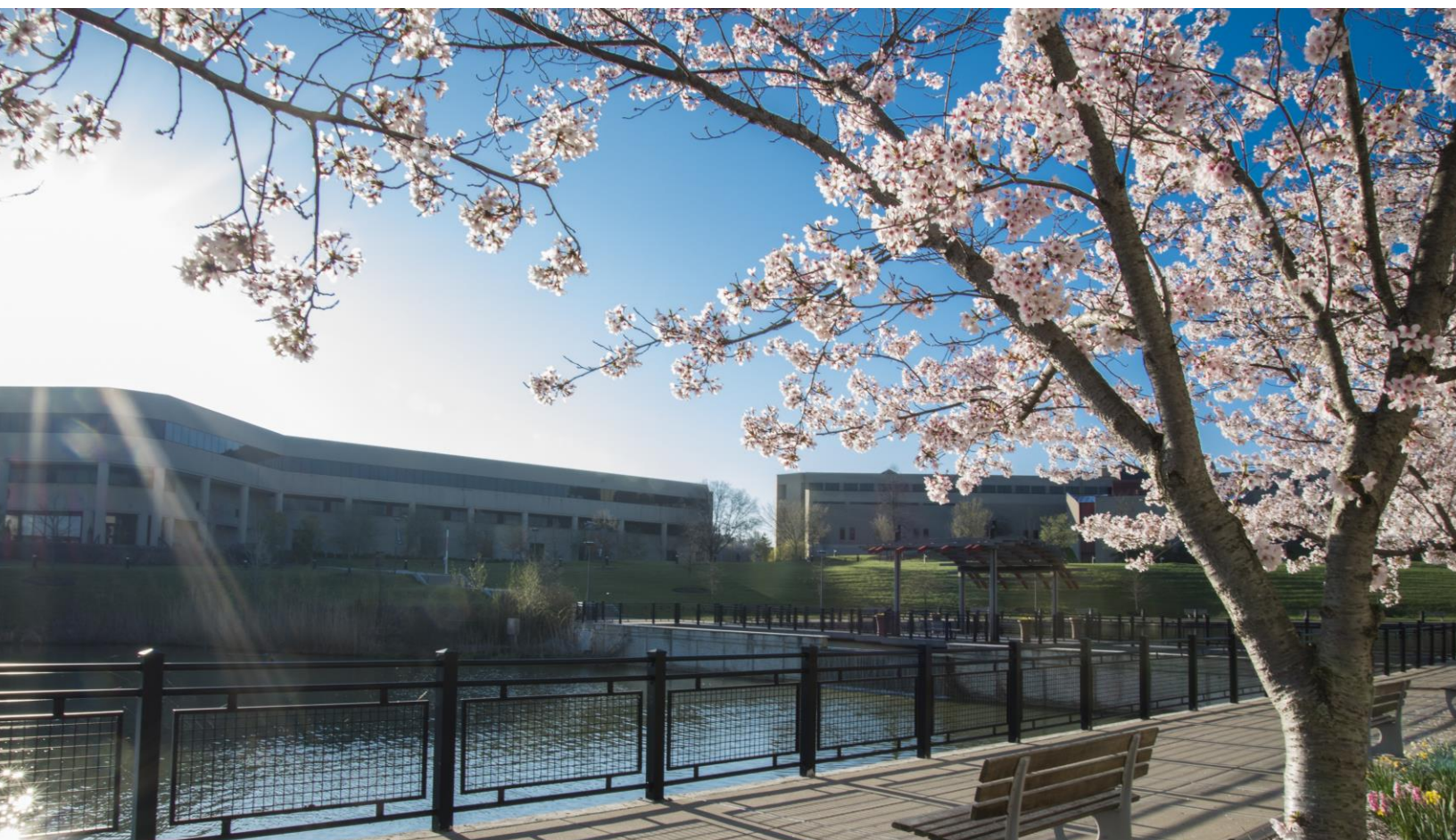




NKU

INSTITUTE FOR
Talent Development & Gifted Studies

ENRICHMENT PROGRAM



CAMP INNOVATION PATHWAYS TO COLLEGE PROGRAM

GRADES K-9

SPRING 2019

Saturdays, March 9-23, 2019, 9:00 – 11:30 am

Northern Kentucky University's Camp Innovation Pathways to College Program is a forward-thinking 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 transdisciplinary 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

- Spring 2019 semester courses will be held Saturdays, March 9-23
- 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, February 28, 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 February 28, 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 February 28, 2019.
- No refunds will be made after February 28, 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-2) COURSES:

Astronauts in Training, Grades K-3, Material Fee \$15

Have you ever wanted to journey into outer space and explore the planets, constellations, stars, supernovas, white holes, and comets? Do you want to experience a black hole first hand or see what really happens when asteroids hit a planet? Would you like to explore the moon, creating your own working moon rover? Then come take this exciting journey through outer space with us. Each week through hands-on activities, experiments and games we will learn what a thrilling place outer space really is. You'll be on the edge of your seat on this wild ride through outer space. ***This class will feature a visit to NKU's Haile Digital Planetarium.***

Champion Chess Masters in Training, Grades 2-8, 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 and strategies that you can use to impress others. You will learn how to compete in tournament style chess competitions while expanding your critical thinking skills. These strategies will surely put you on the pathway to Grand Master status. ***With the Material Fee, you will receive an official tournament chess set.***

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.***



Musical Theatre Performers, Grades K-3, Material Fee \$15

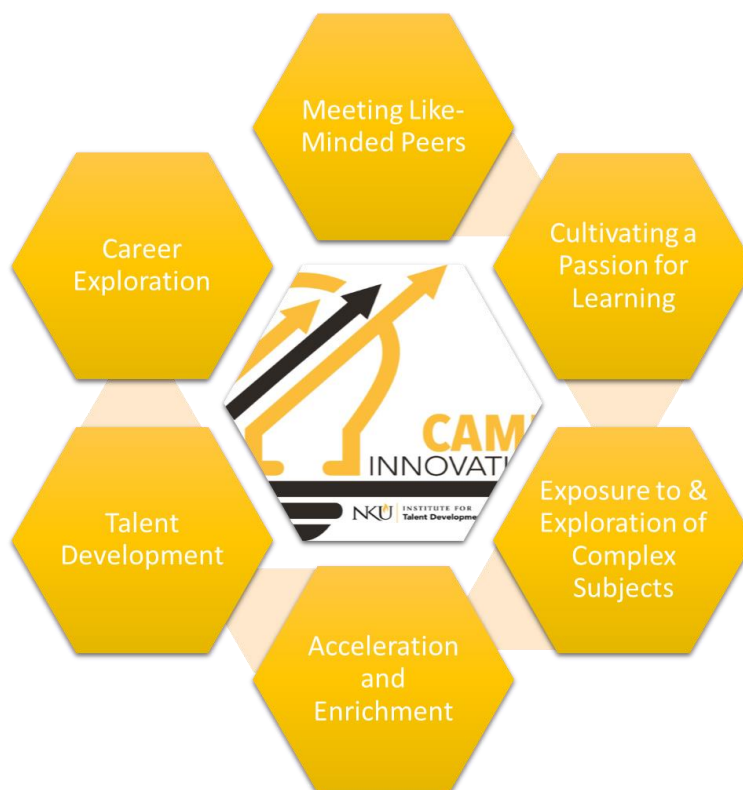
Are you interested in music, singing, or acting? What does it take to be a good director, actor, or singer? More than an acting class, this class will challenge you to work in groups to direct, perform, and sing. Take your talents to the next level with Camp Innovation's Musical Theatre Performers!

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?

Stories Alive!, Grades K-3, Materials Fee \$15

Join us as we make stories come alive with songs, crafts, experiments, and more! We will dive head first into favorite children's books from multiple angles. We will go beyond the words on the pages to unlock the life within what has been written. This will be an engaging and exciting reading adventure!



INNOVATORS (GRADES 3-6) COURSES:

Adventure Artists, Grades 3-6, Material Fee \$15

Join us on this artistic adventure! We will take nature walks learning about animals and plants, all while creating amazing artistic masterpieces! Learn about rocks and minerals, then create your own geodes. Learn about local flora and fauna, then create your own landscape! We will use all sorts of mediums such as acrylic paints, water colors, markers, colored pencils and more!

Amazing Adventures in Spanish, Grades 3-5, Material Fee \$15

Join us to learn basic Spanish like how to talk about your birthday, where you are from, your likes and dislikes and some other favorites. By pretending there are exchange students coming to visit, we will imagine what it would be like to visit another country and what we would want to provide for our Argentinean "visitor." What would they be used to eating? What customs might they share? This fun class explores the culture of Argentina through immersion-type language activities, dancing, and food! **Please provide food allergy information**

Beginning Video Game Designers, Grades 3-6, Material Fee \$5

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.***

Champion Chess Masters in Training, Grades 2-8, 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 and strategies that you can use to impress others. You will learn how to compete in tournament style chess competitions while expanding your critical thinking skills. These strategies will surely put you on the pathway to Grand Master status. With the Material Fee, you will receive an official tournament chess set.



Doctors in Training, Grades 3-6, Material Fee \$20

Are you interested in learning more about medicine? Do you think you want to be a doctor, dentist, nurse, or anesthesiologist? Join us for this class to learn about the different systems that keep our bodies running! If you like health, science, or just knowing how stuff works, this is the class for you!

Minecraft Masters, Grades 2-5, Material Fee \$5

It's Minecraft innovation mania at NKU! In this fun, creative course, we will use the popular Minecraft video game to build our own worlds, solve puzzles, and create together! New and returning Minecraft Innovators will work both individually and in teams to take on each day's exciting new challenges, such as various building and crafting challenges, team games and competitions, and much more! We will see great connections between our Minecraft worlds and the world around us as we collaborate in fun class projects and discussions. While building and playing, gain a great appreciation for math and science, and see your creativity and social skills soar! Both newcomers and experienced Minecraft players are invited to have fun and learn together! ***Students must bring their own device (laptop, tablet, Kindle, iPad, iPod, etc.) with Minecraft installed.***

**STEM Explorers: Rollercoasters, EV3 Robotics, Ozobots, Oh My, Grades 3-6, Material Fee \$10**

Join us as we explore the wonders of the scientific and mathematical world. We will conduct hands-on experiments, investigations, and research utilizing the scientific method while we engineer with LEGO building bricks, build rollercoasters, compete with Hot Wheels cars, and explore basic coding with Ozobots. You don't want to miss this class!

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 as animal kinesiology, diet, and health issues. ***This class will feature live animal visits from the Newport Aquarium/WAVE Foundation and Grant's Lick Vet Hospital.***

GROUNDBREAKERS (GRADES 5-9) COURSES:

Advanced Video Game Designers, Grades 4-9, Material Fee \$5

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.***






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 and strategies that you can use to impress others. You will learn how to compete in tournament style chess competitions while expanding your critical thinking skills. These strategies will surely put you on the pathway to Grand Master status. With the Material Fee, you will receive an official tournament chess set.

Express Yourself Artists, Grades 3-8, Materials Fee \$15

Get artistic and express yourself using paint and paint brushes. Learn about how you can use paint and art materials to express yourself while creating beautiful artistic pieces. You won't follow an outline, but will go into deep thought while creating unique artistic masterpieces.

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**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 excited to share with you the Institute for Talent Development and Gifted Studies' Spring 2019 *Camp Innovation Pathways to College* course catalog. Whether we are meeting for the first time this spring or you're an old friend, I can't wait to share with you what we have planned through the Institute this spring.



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. Learners should be provided with experiences that motivate, encourage perseverance, develop creativity, and enable them to grow intellectually, emotionally, and socially. We aim to provide content-rich programming that builds confidence and competence while also deepening understanding of complex ideas.

This spring, we have many activities planned including the *Camp Innovation Pathways to College Program* for students in grades kindergarten through ninth grade; our *Parent Place* workshops; the *You Can Be an Author Academy* for students in grades 3-8, and the *Philanthropy Academy* for students in grades 3-8. We are also collaborating with the Northern Kentucky Association for Gifted Education to host the *DreamFest Conference* for elementary and middle school students. Our graduate gifted endorsement and micro-credential courses continue to be offered online throughout the year.

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

Spring Camp Innovation Program, Saturdays, March 9-23

Philanthropy Academy, April 27

You Can Be an Author Academy, May 11

Summer Camp Innovation, June 3-7

Fall Camp Innovation, Saturdays, October 26-November 9

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.

