



ENRICHMENT PROGRAM



CAMP INNOVATION PATHWAYS TO COLLEGE PROGRAM

GRADES K-9

FALL 2018

Saturdays, September 15-29, 2018, 9:00 – 11:30 am

Northern Kentucky University's Camp Innovation Pathways to College Program is a forward-thinking program designed for high potential 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

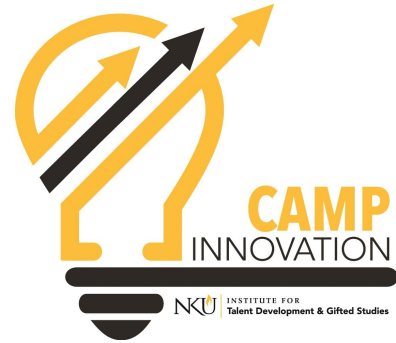
- Fall 2018 semester courses will be held Saturdays, September 22-October 6
- Sessions meet from 9:00 – 11:30 AM
- Classes are held in Landrum Hall on the beautiful campus of Northern Kentucky University

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.**

<http://gifted.nku.edu> | gifted@nku.edu | 859.572.5600





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 Friday, September 10, 2018.
- **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 materials 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 September 10, 2018.
- 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 September 10, 2018.
- No refunds will be made after September 10, 2018.
- 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 event of inclement weather, 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:

Amazing Adventures in Spanish, Grades 2-5, Materials Fee \$20

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**

Astronauts in Training, Grades K-3, Materials 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, Materials 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 materials fee, you will receive an official tournament chess set.***

Creature Creators, Grades K-2, Materials Fee \$15

Are you a fan of animals and nature? Join us in this creature craft creator class where we will learn about different animals and create our own unique animal crafts and habitats. You don't want to miss this amazing artistic animal adventure in awesomeness—don't forget to bring your creativity!

Grossologists: Icky, Sticky Scientific Fun!, Grades K-3, Materials 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.***

find
your
Spark

Minecraft Innovators, Grades K-3, Materials 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.***

Paleontologist Interns, Grades K-3, Materials 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?

You Can Be a Scientist, Grades K-2, Materials Fee \$15

There are many types of scientists. Learn about the jobs of physicists, biologists, chemists, and astronomers, and learn what other jobs involve science. Become a scientist and test your hypotheses! This class will feature many hands-on experiments and activities that develop your scientific skills.

**NKU****INSTITUTE FOR
Talent Development
& Gifted Studies**

INNOVATORS (GRADES 3-6) COURSES:

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Crafty Creators 2.0, Grades 3-8, Materials Fee \$10

Do you enjoy creating with your own hands? Is there nothing you love more than making something unique out of a little paper, string, glue, paint, and other odds n' ends? Crafty Creations 2.0 will create multiple projects, using a variety of mediums. Come ready to design and create in this completely redesigned course! *Students who have already taken the Crafty Creators class will find this to be all new projects and learning. Students who are new to Crafty Creators are welcome to join this fun crafting adventure!*

Extreme Sportscasters, Grades 4-8, Materials Fee \$15

How many seconds will it take to fall 1 mile when skydiving? While hand gliding in windy conditions, what is your maximum rate of climb during the first 6 minutes? How is it possible to hit a baseball that is pitched at 105 mph? In this class, we will discover the excitement of using our problem-solving skills to answer actual questions faced by sports athletes. We will also explore the numerous careers available within the wide world of sports.

Fashion Designers: Project Norse Runway, Grades 4-9, Materials Fee \$15

Calling all designers! Are you a fashionista who would like to design your own creations? Join us in this class to learn basic sewing, design, and illustration skills. We will design our own fashion brands by designing logos and products. Then we will design our own fashion creations.

Harry Potter Muggles and Wizards Unite, Grades 4-8, Materials Fee \$15

Calling all Harry Potter Experts! Do you think that you are the expert on all things Harry Potter? Could you answer all the questions on Jeopardy if the topics were based on these fascinating novels? This session is designed for you! Sirius Wizards only. Muggles need not apply.

Minecraft Masters, Grades 3-6, Materials Fee \$5

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Outdoor Adventure Artists, Grades 3-6, Materials Fee \$15

Are you an artist who loves to be outside? This is YOUR class! Join us as we make tie-dye creations, stained glass, painted rocks and other recycled parts. Be prepared to use your creativity and imagination in this amazing outdoor adventure.

STEM Explorers: Rollercoasters, EV3 Robotics, Ozobots, Oh My, Grades 3-6, Materials 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!

The Road to Becoming a Doctor, Grades 3-6, Materials Fee \$15

How does your brain work, why your eyes are blue and your hair brown or what happens to your food once you eat it? Do you want to know how you keep breathing even when you are sleeping, how fast your heart beats or why you hurt when you fall? Take a journey with us through the different systems of the greatest machine ever, the human body. This hands-on class features activities, experiments, demonstrations and games where you'll discover the body systems, what they do and why they do it.

Veterinary Residency, Grades 3-6, Materials 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 the Newport Aquarium/WAVE Foundation and All Creatures Animal Hospital.***

Video Game Developers, Grades 4-6, Materials 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.***


Wildlife Defenders, Grades 3-5, Materials Fee \$15

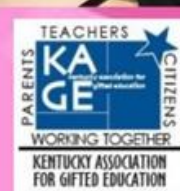
Become the best naturalist you can be by learning about the wildlife in our country, what they do for the environment, and how to protect them! You don't want to miss this amazing environmental education exploration.

World Travelers—Explore Russia, Grades 3-6, Materials Fee \$15

Grab your passport and join us as we explore the world's largest nation. We will reveal the beauty of Russian language and culture. Hop on board our high-speed "train" as we explore Russia's unique landscapes ranging from tundra and forests to subtropical beaches. Discover the famous Bolshoi and St. Petersburg's Mariinsky ballet companies. You won't want to miss the fun-filled Russian travel exploration!

**Northern Kentucky University
Supports Gifted Education &
We Love your Support of
Gifted Students!**





Students exploring their interests and expanding their minds at Northern Kentucky University through enrichment programs such as Camp Innovation Pathways to College, DreamFest Conference, Young Women LEAD, Power Saturdays, and EXCEL day partnerships with NKAGE and northern Kentucky schools.

GROUNDBREAKERS (GRADES 5-9) COURSES:

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Video Game Designers, Grades 6-9, Materials Fee \$5

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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' Fall 2018 *Camp Innovation Pathways to College* course catalog. Whether we are meeting for the first time this fall or you're an old friend, I can't wait to share with you what we have planned through the Institute this 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. 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 fall, 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 *Young Women LEAD Conference* for high school girls; the *Entrepreneurial Leadership Academy* for students in grades 4-9, and the *Power Saturday STEM Program* for students in grades 4-8. We are also collaborating with the Northern Kentucky Association for Gifted Education to host the *Middle School Leadership Symposium* and with Campbell County School's *ExCEL Program*. Our graduate gifted endorsement and micro-credential courses will 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

Young Women LEAD Conference, November 1 & 2
Entrepreneurial Leadership Academy, November 10, 2018
Power Saturday STEM Program, November 17, 2018
Spring Camp Innovation, March 9-23, 2019
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.

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 children; 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.

