MCC KIDS AND COLLEGE SUMMER 2019

DREAM BIG

WHERE CREATIVITY AND INNOVATION MEET SUMMER FUN!

JUNE 17–AUGUST 8, 2019

For more information, contact Laura Beaupre, Coordinator of College and Career Readiness at lbeaupre@mchenry.edu or (815) 455-8597
www.mchenry.edu/kidsandcollege | To register call (815) 455-8588

NON-SCHOOL SPONSORED ACTIVITY
Quality and affordable programming for students entering grades 1–12

Kids and College is proud to offer a variety of quality academic and enrichment classes and a full day STEM (science, technology, engineering, and math) camp to prepare students for their upcoming school year, expose them to 21st century learning skills, and expand their knowledge in many content areas. All classes are held at MCC. Our exceptional teachers, MCC faculty, and camp counselors will use best practices in teaching to engage students, and they’ll bring their passion and enthusiasm to each day, so each child can experience the joy of learning!

Fun

Summer fun is guaranteed! Our students and campers will get to enjoy the beautiful grounds at MCC while participating in outdoor activities and games. They’ll have a great time learning new skills and ideas while making many new friends.

Flexible Schedule

• One- and two-week Summer Academy classes are offered in both the morning and afternoon with an option to stay for lunch (see Lunch Bunch below).
• Before and After Care is available: 7:30–9 a.m., 3–5:30 p.m. (after MCC Tech Camp), and 4–5:30 p.m. (after MCC Summer Academy). See page 12 for details.
• Our full day MCC Tech camp is a one-week camp designed around a full day of engaging activities in the areas of engineering, art, technology, team building, sports, and games.

Safety

Your child’s safety is our first priority. MCC is committed to providing a safe learning environment for all students. All instructors and camp counselors working directly with children have passed a statewide criminal background check. All campers (in MCC Tech Camp) will be placed in their age group of no more than 20 students. Each group will work with a professional teacher and two camp counselors. We have limited class sizes to ensure that campers are well supervised and receive personal attention from director, teachers, and counselors. The structure of all the summer programs creates an atmosphere of caring and safety, which helps students learn and build confidence.

Lunch and Snack Time

Students participating in Kids and College Summer Academy or MCC Tech Camp are encouraged to bring a PEANUT-FREE snack and water for break time. Students participating in Summer Academy have the option to stay for a supervised lunch break for an additional $10 per week. **Lunch is not provided**, but students may bring a sack lunch or purchase lunch in the cafeteria. The MCC Tech campers will be participating in supervised lunch as well (fee included in tuition). All MCC Tech campers should bring a sack lunch or money to purchase lunch at the cafeteria each day. Suggested lunch allowance is $7–8 per day.

Registration

There are four convenient ways to register for the Kids and College Summer Academy classes and MCC Tech Camp. See page 13 for details.
**Tuition/Fees**
The tuition for each class is stated in the class description and on the program guides (see page 13). All tuition must be paid at the time of registration.

**Welcome Packet/Communications**
We will email each family a Welcome Packet with additional information on drop-off locations, procedures, and policies after registration. Please provide the best email to contact at time of registration. In addition, we will communicate any last minute updates via email. If you do not wish to be contacted via email, we ask that you visit the Kids and College website [www.mchenry.edu/kidsandcollege](http://www.mchenry.edu/kidsandcollege) and download the Welcome Packet.

**Refund and Cancellation Policy**
In the unlikely event that we have insufficient enrollment in the Summer Academy classes or MCC Tech Camp and need to cancel any class or week of camp, we will notify you as early as possible and return all fees. All other refunds and cancellations follow the policy established for MCC Continuing Education programs. Please find these guidelines on page 12. Please note, there will be no refund (or pro-rated refund) if MCC’s campus is closed due to unforeseen reasons.

**Summer Academy Classes/Camp Program Changes**
The camp program is subject to change due to unforeseen circumstances. In the MCC Tech Camp, grade levels may be combined if needed due to low enrollment.

**Teacher Recommendations**
For Summer Academy academic classes that have the option of an accelerated curriculum for students working above grade level, a teacher recommendation is required before registering for class. Download form on the Kids and College website [www.mchenry.edu/kidsandcollege](http://www.mchenry.edu/kidsandcollege).

**Release and Emergency Contact Form**
It is very important to accurately complete the emergency/medical form that is found on the Kids and College website [www.mchenry.edu/kidsandcollege](http://www.mchenry.edu/kidsandcollege). If your child has any special learning or medical needs such as allergies, learning difficulties, fears, and/or medical conditions such as asthma, diabetes, or epilepsy, it is essential that this information is shared with the camp. Please call camp director, Laura Beaupre, prior to the first day of camp if your child has special medical needs at (815) 455-8597. All emergency and medical cards are due by the first day of class/camp.

**Summer Camp/Summer Academy Health Agreement and Liability Release**
The health agreement and liability and photo release form can be downloaded on the Kids and College website [www.mchenry.edu/kidsandcollege](http://www.mchenry.edu/kidsandcollege). Both these forms MUST be signed and turned in on the first day of camp/class. If your child(ren) attends more than one camp/class, a portion of the document (name and signature) needs to be filled out each week he/she attends. We will attach form with original release.

**For more information on Kids and College Summer Programs contact:**
Laura Beaupre, Coordinator of College and Career Readiness/Director of Kids and College at (815) 455-8597 or email lbeaupre@mchenry.edu.

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**Kids and College  |  MCC TECH CAMP**

**STEM (Science, Technology, Engineering, Math)**

For students entering grades 1–9

One-week camp sessions—MTWTh

**Tuition**
$189 per week
$199 per week for Robotics

**Hours**
Camps are held from 9 a.m.–3 p.m.

**Session 1—June 17–20**
Superhero Science
Avenger’s Science Academy

**Session 2—June 24–27**
Who DUN It?! Crime Scene Chemistry
CSI: Intro to Forensics and Biometrics

**Session 3—July 8–11**
Journey Under the Sea Expedition
Engineering for Extreme Environments: Deep Sea Adventure

**Session 4—July 15–18**
Minecraft Jr. Design Team: My World
Minecraft Engineers: Building Sustainable City

**Session 5—July 22–25**
Crazy Contraptions
MAKER’S ACADEMY: Dream It, Design It, Build It, Launch It!

**Session 6—August 5–8**
Jr. Robotic Academy/Robotics Academy/Advanced Robotic Academy

**Typical Daily Schedule**
8:45–9 a.m.  Welcome/Camper Check-In
9–9:15 a.m. All-Camper Morning Rally
9:15–10:15 a.m. STEM Spotlight
10:15–10:30 a.m. Snack/Outdoor
10:30–11:30 a.m. STEM Spotlight
11:30 a.m.–12:30 p.m. Lunch/Outdoor
12:30–2:30 p.m. Art, Technology Spotlight
2:30–2:45 p.m. Cool snack!
2:45–3 p.m. Wrap-up and checkout

**STEM Spotlight:** Students will be taught by a certified teacher/expert in the field of engineering. Students will engage in meaningful learning and strengthen skills in problem solving, communication, risk taking, and decision making. The curriculum is focused on motivating youth to become familiar with the design process that guides working engineers and designers by engaging campers in hands-on activities, experiments, and labs.

**ART/TechNOLOGY Spotlight:** Students will work with local artists and art/technology specialists to take their creativity to the next level. They will learn the science behind cool art. Younger campers will learn foundational art techniques as older campers will learn how to digitally create art.
WEEK OF JUNE 17–20
MCC TECH CAMP
Where imagination and innovation meet summer fun!
STEM (science, technology, engineering, math) camp with
integration of art, creative studies, team building, and sports.

Superhero Science
NKC S40 001 (entering grades 1–2)
NKC S40 002 (entering grades 3–4)
MTWTh 9 a.m.–3 p.m.  $189
Create your own secret identity while exploring the super powers of people and animals! Unmask how science and technology have given us the power of flight, use your own “super breath” to do amazing things. See through the science of invisibility and X-ray vision and discover your super power!

Avenger’s Science Academy (entering grades 5–9)
NKC S41 001 (entering grades 5–6)
NKC S41 002 (entering grades 7–9)
MTWTh 9 a.m.–3 p.m.  $189
The Avengers have battled to save Earth from alien invasion, the evil Loki, and now, in the latest film, these superheroes face off against the destructive Ultron. They do this, of course, with the help of a number of superpowers—including Iron Man’s suit, super-healing abilities, and Captain America’s indestructible shield. Just how scientifically sound are these powers? Do any of them hold up to the laws of chemistry and physics? Come unravel the science behind these supernatural abilities and discover how engineers are replicating these marvels in the medical field and military.

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Kids and College | Summer Academy Classes
WEEK OF JUNE 17–20
MORNING

Jr. Reading Academy: STEM Read
NKC S61 004 (entering grades 2–5)
2-week class—June 17–20 and June 24–27
MTWTh 9 a.m.–Noon  $159
NKC S61 005 (entering grades 2–5)
1-week option—June 17–20
MTWTh 9 a.m.–Noon  $99
LEARN THE SCIENCE. LIVE THE BOOK...LOVE TO READ!
These are the three main goals of this exciting reading class, inspired by Northern Illinois STEM Read program. Fiction books have been carefully selected rooted in science, technology, engineering and math topics. Our master reading teacher will teach students how to engage with the text using important reading strategies and skills. While the students enjoy the text, they will also explore the science behind the fiction. Reading has never been so much FUN! The two-week class is highly encouraged to achieve the best growth.

TEEN Reading Academy
NKC S64 004 (entering grades 5–9)
2-week class—June 17–20 and June 24–27
MTWTh 9 a.m.–Noon  $159
NKC S64 005 (entering grades 5–9)
1-week option—June 17–20
MTWTh 9 a.m.–Noon  $99
This class includes two weeks of classroom instruction and stimulating activities led by a master reading teacher, Mandy Krich. Activities are designed to strengthen skills needed to be successful in school and become life-long readers. The course focuses on improvement in comprehension, reading fluency, critical thinking, writing, and vocabulary. A number of reading strategies will be taught through the use of popular novels, short stories, and non-fiction writing. The two-week class is highly encouraged to achieve the best growth.

Introduction to Pre-Algebra I (entering grades 7–9)
NKC S73 001 (entering grades 7–9)
2-week class—June 17–20 and June 24–27
MTWTh 9 a.m.–Noon  $159
NKC S73 002 (entering grades 7–9)
1-week option—June 17–20
MTWTh 9 a.m.–Noon  $99
Start the school year with a head start in Pre-Algebra. This class covers topics taught the first part of the school year in a traditional Pre-Algebra course. Topics include variables, expressions, integers, solving equations, multi-step equations, factors, fractions, exponents, rational numbers, and equations. The two-week class is highly recommended to achieve the best growth. Parents with sixth grade students who wish to take this class need to submit a teacher recommendation to Laura Beaupre, Coordinator of College and Career Readiness, by June 11. Find the teacher recommendation form on the Kids and College website www.mchenry.edu/kidsandcollege.
New! Young Rembrandts: CARTOONING
NKC S90 001 (entering grades 2–5)
MTWTh 9 a.m.–Noon $139
Learn the basics of cartooning and create your own characters! Each day students will learn techniques used in cartooning. Subjects like characteristics, features, exaggeration, action and personification will contribute to your child’s artistic advancement! Young Rembrandts students will immediately apply their new skills in every class to create their own original cartoon characters. Young Rembrandts is a drawing program for children. Instructors teach children to draw using a process-based methodology centered on developing academic, conceptual and critical thinking skills. Through step-by-step methodology that breaks complex objects into smaller parts, Young Rembrandts dispels the myth that creativity is a talent that a child either has or doesn’t have. We view creativity as a fundamental building block skill that can and should be learned by all children.

WEEK OF JUNE 24–27
MCC TECH CAMP
Where imagination and innovation meet summer fun!
STEM (science, technology, engineering, math) camp with integration of art, creative studies, team building, and sports.

Who DUN It? Crime Scene Chemistry (entering grades 1–4)
NKC S42 001 (entering grades 1–2)
NKC S42 002 (entering grades 3–4)
MTWTh 9 a.m.–3 p.m. $189
Calling all forensic scientists…help unravel a famous “Who DUN It” case! The scientific method will be put to good use as campers engage in fun activities and hands-on labs to find clues, collect evidence, use data to build their case, and finally solve the puzzle to the mysterious case!

CSI: Intro to Forensics and Biometrics (entering grades 5–9)
NKC S43 001 (entering grades 5–6)
NKC S43 002 (entering grades 7–9)
MTWTh 9 a.m.–3 p.m. $189
There are many shows on TV about forensics, like CSI, but what is forensic science really like? In the 21st century, criminal investigators use many biomedical identifiers such as DNA, face, fingerprint, and iris recognition that can help catch a villain. During this week long camp, MCC criminal investigators will be put to the test with the challenge of solving a difficult case! They will collect clues and analyze the evidence in a forensic lab, build their case based on data, and finally bring their case to the jury! Final verdict will be given on the last day of camp.

Jr. Scot Star Baking Academy—Back By Popular Demand!
NKC S58 001 (entering grades 3–4)
MTWTh 1–4 p.m. $139
Join MCC’s very own top pastry chefs and learn the art of baking and decorating pastries. Students will learn skills to create truffles, scones, and brownies, plus we’ll work with puff pastry and other edible sweets. All students will try out the delicious delectable treats on the final day! Please note, MCC’s Culinary program is a classic French-based program; many varieties of allergens may be found in the kitchen such as nuts, seafood, and gluten. We highly suggest students with these allergies not participate in this class.

Digital Media: Intro to Web Design
NKC S82 005 (entering grades 5–9)
MTWTh 1–4 p.m. $139
Creative thinkers and artists welcome! Web design doesn’t have to be scary. You’ll learn how to use the basic building blocks of HTML and CSS to build websites. Beginner and intermediate students will learn how to create a basic web page and customize it with colors, pictures, and fonts. By the end of the week, students will be able to publish their very own web page (with parent’s consent)! Beginner computer skills are a requirement for this class.

Kids and College | Summer Academy Classes
WEEK OF JUNE 17–20
AFTERNOON

Jr. Reading Academy: STEM Read
NKC S61 006 (entering grades 2–5)
1-week option June 24–27
MTWTh 9 a.m.–Noon $99
See course description on page 4.

TEEN Reading Academy
NKC S64 006 (entering grades 5–9)
1-week option June 24–27
MTWTh 9 a.m.–Noon $99
See course description on page 4.
Winning Mindset: Jr. Fitness and Wellness Camp—
Back By Popular Demand!
NKC S67 001 (entering grades 2–5)
MTWTh 9 a.m.—Noon $139
Join one of MCC's finest master fitness and nutrition coaches, Jim Blaz, and learn about the power of having a winning mindset! It’s never too early to learn how our brains grow and our bodies get healthy through effort, practice, and hard work. Learn the power of thoughts and how to change negative thinking. You’ll also learn how to develop healthy habits to build strong bodies and minds, and discover new ways to set and achieve goals. A third of the class time will be dedicated to exercise, another to nutrition, and last on wellness and building a winning mindset. Come dressed to exercise with athletic shoes and comfortable clothing. All fitness levels welcome!

Winning Mindset: Teen Fitness and Wellness Boot Camp—
Back By Popular Demand!
NKC S67 002 (entering grades 6–9)
MTWTh 1–4 p.m. $139
Join one of MCC's finest master fitness and nutrition coaches, Jim Blaz, and learn about the power of having a winning mindset! It’s never too early to learn how our brains grow and our bodies get healthy through effort, practice, and hard work. Learn the power of thoughts and how to change negative thinking. You’ll also learn how to develop healthy habits to build strong bodies and minds, and discover new ways to set and achieve goals. A third of the class time will be dedicated to exercise, another to nutrition, and last on wellness and building a winning mindset. Come dressed to exercise with athletic shoes and comfortable clothing. All fitness levels welcome!

Jr. Scot Star Baking Academy II—Back By Popular Demand!
NKC S58 002 (entering grades 5–6)
MTWTh 1–4 p.m. $139
Join MCC’s very own top pastry chefs and learn the art of baking and decorating pastries. Students will learn skills to create delicious truffles, scones, brownies, and learn the art of working with puff pastry. All students will try out the delicious delectable treats on the final day! Please note, MCC’s Culinary program is a classic French-based program; many varieties of allergens may be found in the kitchen such as nuts, seafood, and gluten. We highly suggest students with these allergies not participate in this class.

3D Video Game Design with Unity (Advanced Level)—
Back By Popular Demand!
NKC S81 002 (entering grades 5–9)
MTWTh 1–4 p.m. $139
Are you ready to take your game-design skills to another level? With Unity, an industry-grade design program, aspiring game designers will learn level editing, 3D modeling, intermediate event scripting, and the impact of game play on user experience. Come learn the future of video game development from one of MCC's top programming instructors. This class is for students who have advanced computer skills.

WEEK OF JULY 8–11
MCC TECH CAMP
Where imagination and innovation meet summer fun!
STEM (science, technology, engineering, math) camp with integration of art, creative studies, team building, and sports.

Journey Under the Sea Expedition (entering grades 1–2)
NKC S44 001 (entering grades 1–2)
NKC S44 002 (entering grades 3–4)
MTWTh 9 a.m.–3 p.m. $189
Did you know that sharks locate their prey by electricity? Or that a dolphin can zoom through the water at 25 miles per hour? How in the world do we know these scientific facts?! The answer is through research done by marine biologists. What’s it like to be a marine biologist? Join us for Journey Under the Sea Expedition! You’ll get firsthand experience using scientific techniques to answer questions about marine animals and their habitats. You’ll go on a deep dive to study sharks, and you’ll learn how these extraordinarily intelligent creatures exhibit unique behaviors to navigate their ever-changing environment. In addition, you’ll discover more wonders of an underwater reef community—including sea turtles and sting rays. This is an exciting undersea adventure you don’t want to miss!

Engineering for Extreme Environment: Deep Sea Challenge (entering grades 5–9)
NKC S45 001 (entering grades 5–6)
NKC S45 002 (grades 7–9)
MTWTh 9 a.m.–3 p.m. $189
MCC TECH engineers will follow a team of National Geographic explorers and head to one of the deepest points on Earth almost seven miles below the ocean’s surface. Learn the science behind submersibles and withstanding pressures that could easily crush a car. Then experiment with design and construction of an ROV (remotely operated vehicles) to explore the high-tech engineering it took to meet the Deep Sea Challenge.

Kids and College | Summer Academy Classes
WEEK OF JUNE 24–27
AFTERNOON

Computer Gaming Academy 101
(Beginner/Intermediate Level)
NKC S81 001 (entering grades 5–9)
MTWTh 1–4 p.m. $139
Discover the fun of professional video game development while increasing your programming and technological skills. Beginner/intermediate programmers will create and develop their own characters and rules to design strategies for a video game of their own. Beginner computer skills are a requirement for this class.
For more information, contact Laura Beaupre at lbeaupre@mchenry.edu or (815) 455-8597 | 7

**Kids and College | Summer Academy Classes**

**WEEK OF JULY 8–11**

**MORNING**

**Jr. Writing Academy: Creative Writing**
NKC S60 001 (entering grades 2–5)
2-week class—July 8–11 and July 15–18
MTWTh 9 a.m.–Noon $159
NKC S60 002 (entering grades 2–5)
1-week option—July 8–11
MTWTh 9 a.m.–Noon $99

All of our favorite stories have started with an author’s dream and great characters. Young authors will explore their creativity in writing and bring their heroes (heroines), villains, loving rogues, and talking animals to life. With the help of a master writing teacher, each student will spend the first week developing his or her unique character and adventure story. During the second week, young authors will create a published version of their story. All parents, family, and friends will be invited to come in and experience these amazing stories and characters in an Author’s Showcase at the end of the second week.

**TEEN Writing Academy: Creative Writing and Storytelling**
NKC S63 001 (entering grades 6–9)
2-week class—July 8–11 and July 15–18
MTWTh 9 a.m.–Noon $159
NKC S63 002 (entering grades 6–9)
1-week option—July 8–11
MTWTh 9 a.m.–Noon $99

Use your talents to create funny, scary, and amazing stories that people will want to read over and over again. Poetry, music, video recording, computer animation, and great writing are combined to develop plot, characters, and settings for original tales. Share your creativity with friends and family by presenting stories at our session-ending “Tell-A-Bration.”

**Introduction to Algebra I (entering grades 8–10)**
NKC S74 001 (entering grades 8–10)
2-week class—July 8–11 and July 15–18
MTWTh 9 a.m.–Noon $159
NKC S74 002 (entering grades 8–10)
1-week option—July 8–11
MTWTh 9 a.m.–Noon $99

Start the school year with a head start in Algebra. This two-week class covers topics taught in the first semester of a traditional Algebra course. Parents with a seventh grade student who wish to take this class need to submit a teacher recommendation to Laura Beaupre, Coordinator of College and Career Readiness, by June 30. Find contact information and the teacher recommendation form on the Kids and College website. The two-week class is highly encouraged to achieve the best growth.

**New! Jr. GADgET GIRLS Innovation Academy**
NKC S57 001 (entering grades 2–5)
MTWTh 9 a.m.–Noon $99

Calling all girls! Come learn from some of the greatest, most innovative female inventors and entrepreneurs of all time! You’ll be challenged to emulate these successful women by working with your own creative design squad to propose, plan, build, and market an innovative product in this hands-on, interactive, STEM camp.

**Kids and College | Summer Academy Classes**

**WEEK OF JULY 8–11**

**AFTERNOON**

**ROBLOX—Coders and Entrepreneurs**
NKC S83 001 (entering grades 2–5)
MTWTh 1–4 p.m. $149

Discover how to code in the Lua language while playing and designing worlds in ROBLOX®, an online universe where you can create anything you dream of. This new class combines game design concepts, coding, and fun! Young entrepreneurs will also learn how to navigate ROBLOX’s fast-growing marketplace to publish their games. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will be paired up in groups of two by age.

**New! GADgET GIRLS Innovation Academy**
NKC S57 002 (entering grades 6–9)
MTWTh 1–4 p.m. $99

Calling all girls! Come learn from some of the greatest, most innovative female inventors and entrepreneurs of all time! You’ll be challenged to emulate these successful women by working with your own creative design squad to propose, plan, build, and market an innovative product in this hands-on, interactive, STEM camp.
SCOT’s Star TEEN Baking Academy—
*Back By Popular Demand!*
NKC S58 003 (entering grades 7–9)
MTWTh 9 a.m.–3 p.m. $139
Join MCC’s very own top pastry chefs and learn the art of baking. You’ll learn to create beautiful works of art on cookies and cakes with icing and other edible sweets. In addition, you’ll master the art of making all types of dough to be used in delicious delectable treats! Please note, MCC’s Culinary program is a classic French-based program; many varieties of allergens may be found in the kitchen such as nuts, seafood, and gluten. We highly suggest students with these allergies not participate in this class.

**WEEK OF JULY 15–18**

**MCC TECH CAMP**
Where imagination and innovation meet summer fun!
STEM (science, technology, engineering, math) camp with integration of art, creative studies, team building, and sports.

**Minecraft Jr. Design Team: My World (entering grades 1–4)**
NKC S46 001 (entering grades 1–2)
NKC S46 002 (entering grades 3–4)
MTWTh 9 a.m.–3 p.m. $189
Minecraft designers will take their mind skills beyond the digital platform into reality and then back again! Using the engineering and creative thought process, digital citizens will work together to connect and communicate while they plan, map, and design their “green” and kid-friendly Metropolis. Please note: Campers will be using the educational software licensed by the college. A personal account will not be available to take home.

**Minecraft Engineers: Building Sustainable Cities (entering grades 5–9)**
NKC S47 001 (entering grades 5–6)
NKC S47 002 (entering grades 7–9)
MTWTh 9 a.m.–3 p.m. $189
You might have what it takes to succeed in Survivor mode on screen, but could you do it in the real world? Use one of the most popular games in history to specialize your Minecraft skills to solve real-world problems. Find water, build shelter, and set up food distribution for ALL your citizens. Looking closer at permaculture and sustainability, Minecrafters will use hands-on activities to become digital city and world engineers. Please note: Campers will be using the educational software licensed by the college. A personal account will not be available to take home.

**Kids and College | Summer Academy Classes**

**WEEK OF JULY 15–18**

**MORNING**

**Jr. Writing Academy: Creative Writing**
NKC S60 003 (entering grades 2–5)
1-week option—July 15–18
MTWTh 9 a.m.–Noon $99
See course description page 7.

**TEEN Writing Academy: Creative Writing and Storytelling**
NKC S63 003 (entering grades 6–9)
1-week option—July 15–18
MTWTh 9 a.m.–Noon $99
See course description page 7.

**Jr. APP ATTACK—Back By Popular Demand!**
NKC S82 002 (entering grades 2–5)
MTWTh 9 a.m.–Noon $149
Take the first steps into the world of mobile app design and customize your own game app! Using a specialized app and game development tool, you’ll explore the world of web-based (HTML 5) mobile apps. In addition to learning basics of mobile app design and game development, you’ll see firsthand how the world of app publishing functions. Student-created apps will be accessible on a private site and can be played on any mobile device or computer. Publishing to app stores not included. No prior experience necessary and students do not need to own a smartphone or tablet to take class. Students will work in pairs or teams for most of the program.

**SCOT’s Star TEEN Baking Academy—
Back By Popular Demand!**
NKC S58 003 (entering grades 7–9)
MTWTh 1–4 p.m. $139
Join MCC’s very own top pastry chefs and learn the art of baking. You’ll learn to create beautiful works of art on cookies and cakes with icing and other edible sweets. In addition, you’ll master the art of making all types of dough to be used in delicious delectable treats! Please note, MCC’s Culinary program is a classic French-based program; many varieties of allergens may be found in the kitchen such as nuts, seafood, and gluten. We highly suggest students with these allergies not participate in this class.

**APPLES TO APPLES WORLD CHAMPIONSHIP**
NKC S90 003 (open to the public)
MTWTh 9 a.m.–Noon $99
See course description page 7.

**AFTERNOON**

**Lego Robotics Academy**
NKC S83 002 (entering grades 2–5)
MTWTh 1–4 p.m. $139
A unique experience of engineering and robotics. From powered LEGO cars to cranes to windmills, young designers will build and customize models that teach engineering concepts. Discover gears, pulleys, and other engineering design concepts in this fun-filled and innovative LEGO robotic class. This four-day course prepares all students using the Science, Technology, Engineering and Math (STEM) approach. Chasewood Learning’s expert instructors will be teaching this class.

**APP IO: Make Your First Multiplayer APP!**
Back by popular demand!
NKC S82 003 (entering grades 5–9)
MTWTh 1–4 p.m. $149
The hottest new Apps are IO apps! If you like to play Agario or Slither.io, then you’ll love this class! Become the creator of the next viral web app and share it with family and friends! You’ll explore the most popular IO apps, design your own multiplayer experience, and learn how to code your own app. You’ll work in pairs or teams for most of the program.
Junior Culinary Academy
NKC S58 004 (entering grades 3–4)
MTWTh 1–4 p.m. $139
Join MCC’s master Chef Simon and learn the basics of food preparation, kitchen safety and cooking. Working in teams, in the college’s state-of-the art kitchen, junior chefs will use their culinary skills to make a variety of delicious meals sure to be replicated at home. Please note, MCC’s Culinary program is a classic French-based program; many varieties of allergens may be found in the kitchen such as nuts, seafood, and gluten. We highly suggest students with these allergies not participate in this class.

WEEK OF JULY 22–25
MCC TECH CAMP
Where imagination and innovation meet summer fun!
STEM (science, technology, engineering, math) camp with integration of art, creative studies, team building, and sports.

Crazy Contraptions (entering grades 1–4)
NKC S48 001 (entering grades 1–2)
NKC S48 002 (entering grades 3–4)
MTWTh 9 a.m.–3 p.m. $189
Inspired to build the longest great ball contraption, redesign a giant candy dispensing machine or create a contraption that can pop a balloon using six “simple machines”? Then this camp is for you! Campers will (through much trial and error) experiment and take on new challenges while building jaw-dropping, innovative, Rube Goldberg-style contraptions that will serve a purpose. Designing and inventing has never been so much fun!

MAKER’S ACADEMY: Dream It, Design It, Build It, Launch It!
(entering grades 5–9)
NKC S49 001 (entering grades 5–6)
NKC S49 002 (entering grades 7–9)
MTWTh 9 a.m.–3 p.m. $189
If you can dream it, you can design it, build it, and launch it! In this exciting week, you’ll team up with your friends to identify and solve real-world problems and design products to bring to market. You’ll get cutting-edge experience as you design and build a product from start to finish. Design with CAD, fabricate with 3D printers, and build the skills to make a better tomorrow. In addition, you’ll hear directly from local manufacturing company owners how they started their businesses. We’ll apply basic entrepreneurship principles to understand how an idea and dream can become a booming business!

Kids and College | Summer Academy Classes
WEEK OF JULY 22–25
MORNING

Young Author’s Writing Workshop: Create a Book
NKC S62 001 (entering grades 2–5)
2-week class—July 22–25 and August 5–8
MTWTh 9 a.m.–Noon $159
NKC S62 002 (entering grades 2–5)
1-week option—July 22–25
MTWTh 9 a.m.–Noon $99
Wanted! Boys and girls who love to write and use their imaginations! In this two-week class, you’ll spend the first week creating your own story and the second week putting your final edits in your very own book! A master writing teacher will teach you the steps needed to be a successful and confident writer. You’ll learn how to build strong paragraphs, how to create a dialog between characters, and of course, how to create a well-developed setting and plot. Final masterpieces will be shared on the last day with invited guests. These books will be taken home so they can be cherished in the years to come! The two-week class is highly recommended for optimal growth and to receive a bounded, published copy of your book.

Writing Academy: Exceptional Essays—Back By Popular Demand!
NKC S65 001 (entering grades 6–9)
MTWTh 9 a.m.–Noon $99
From school writing assignments to high school entrance exams to the SAT, ACT and college placement exam, essays are used to measure writing proficiency. You’ll develop, practice, and refine your writing skills as you learn to craft descriptive, persuasive, expository, and analytical essays (with and without time constraints). You’ll maintain a portfolio of your work to measure your progress. The two-week series of this class is highly recommended for optimal growth.

Introduction to Geometry I (entering grades 8–10)
NKC S71 001 (entering grades 8–10)
2-week class July 22–25 and August 5–8
MTWTh 9 a.m.–Noon $159
NKC S71 002
1-week option—July 22–25
MTWTh 9 a.m.–Noon $99
Start the year with a head start in Geometry. This two-week class covers the foundations of plane and solid geometry, which includes constructions, formulas for measurement, and formal proofs. It’s based on the axioms and theorems that relate points, lines, planes, and solids. Algebraic techniques are integrated into the solution of many geometric problems. Prerequisite: Successful completion of Algebra.
New! Battle Royale: Make Your First Fortnite Style Video Game
NKC S87 001 (entering grades 2–5)
MTWTh 9 a.m.–Noon $149
Fans of Fortnite—we need you! Instead of playing the game, design your own. Using professional 3D game development software, you’ll build levels and assets inspired by popular battle royale games like Fortnite. This course includes cartoonish action and battle sequences. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program.

New! High School Success Series: Applied Brainology®
NKC S68 001 (entering grades 9–12)
MTWTh 9 a.m.–Noon $139
Did you know that Einstein, Darwin, and Tolstoy were considered “ordinary” children? That Ben Hogan, one of the greatest golfers of all time, was completely uncoordinated and graceless as a child? What eventually lead these people to successfully develop their gifts and talents to become geniuses of their time? Mindset and drive. A one-week course based on the ground-breaking research of Drs. Carol Dweck and Lisa Blackwell, Applied Brainology® is a blended learning program designed to teach students that their intelligence and abilities are not fixed and can be developed through their own actions. As a result, when students develop a growth mindset, they gain confidence in their ability to learn. They learn to take on challenges and work hard to get smarter, becoming more resilient when they encounter difficulty, and leading to higher achievement in school. This is a life-changing class!

New! Battle Royale: Make Your First Fortnite Style Video Game
NKC S87 002 (entering grades 5–9)
MTWTh 1–4 p.m. $149
Fans of Fortnite—we need you! Instead of playing the game, design your own. Using professional 3D game development software, you’ll build levels and assets inspired by popular battle royale games like Fortnite. This course includes cartoonish action and battle sequences. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program.

Jr. Culinary Academy II
NKC S58 005 (entering 5–6 grade)
MTWTh 1–4 p.m. $139
Join MCC’s master Chef Simon and learn the basics of food preparation, kitchen safety, and cooking. Working in teams in the college’s state-of-the art kitchen, junior chefs will use their culinary skills to make a variety of delicious meals sure to be replicated at home. New recipes will be taught by Chef Simon every year. Please note, MCC’s Culinary program is a classic French-based program; many varieties of allergens may be found in the kitchen such as nuts, seafood, and gluten. We highly suggest students with these allergies not participate in this class.

New! Middle School Success Series: Applied Brainology®
NKC S69 001 (entering grades 5–8)
MTWTh 1–4 p.m. $139
Did you know that Einstein, Darwin, and Tolstoy were considered “ordinary” children? That Ben Hogan, one of the greatest golfers of all time, was completely uncoordinated and graceless as a child? What eventually lead these people to successfully develop their gifts and talents to become geniuses of their time? Mindset and drive. A one-week course based on the ground-breaking research of Drs. Carol Dweck and Lisa Blackwell, Applied Brainology® is a blended learning program designed to teach students that their intelligence and abilities are not fixed and can be developed through their own actions. As a result, when students develop a growth mindset, they gain confidence in their ability to learn. They learn to take on challenges and work hard to get smarter, becoming more resilient when they encounter difficulty, and leading to higher achievement in school. This is a life-changing class!
WEEK OF AUGUST 5–8
MCC TECH CAMP
Where imagination and innovation meet summer fun!
STEM (science, technology, engineering, math) camp with integration of art, creative studies, team building, and sports.

Jr. Robotics Academy (entering grades 1–4)
NKC S55 001 (entering grades 1–2)
NKC S55 002 (entering grades 3–4)
MTWTh 9 a.m.–3 p.m. $199
Junior Robotic campers will be participating in a variety of building and programming activities using a creative educational approach that supports Science, Technology, Engineering and Math (STEM). Campers will learn to build robotic animals and program them, or they will program a LEGO Mindstorm robot through multiple challenges such as mazes and soccer goals, all while learning concepts related to mathematics, logic, and teamwork. This camp is led by Chasewood Learning’s teacher-led instruction.

MCC’s Robotics Academy
NKC S56 001 (entering grades 5–6)
NKC S56 002 (entering grades 7–9)
MTWTh 9 a.m.–3 p.m. $199
Campers will be working with the new LEGO EV3 robot! Chaswood’s Robotic Academy provides a multi-level approach that allows children of all skill levels to continuously learn new building and programming concepts. Activities range from basic robot movements to working with sensors to building smart attachments. Each day children will have new projects, challenges, and competitions. At the culminating EXPO, students will challenge their competition skills by competing in “the pit” and have their robot meet the various challenges or participate in a space mission project. This camp is led by Chasewood Learning’s teacher-led instruction.

Advanced Robotics Academy
NKC S56 003 (entering grades 7–10)
MTWTh 9 a.m.–3 p.m. $199
This class is sure to take Robotics and programming to a whole new level with students who have had experience with robotics, programming, or engineering classes in the past. Using advanced features of the LEGO NXT system, campers will design and build an autonomous robot complete with all sensors and lights needed to compete in challenges. At the culminating EXPO, students will be challenged to compete in “the pit” and have their robot meet the various challenges. Students will learn about advances in this field as well as exciting high-demand careers in robotics, computer science and intelligence.

WEEK OF August 5–8
MORNING

Young Author’s Writing Workshop: Create a Book
NKC S62 003 (entering grades 2–5)
1-week option—August 5–8
MTWTh 9 a.m.–Noon $99
See course description on page 9.

Writing Academy: Exceptional Essays and More
NKC S65 002 (entering grades 6–9)
MTWTh 9 a.m.–Noon $99
Join master writing teacher, Colleen Cameron, and learn to take your exceptional essays to the next level! In this next course, writers will learn the art of exceptional essays and how to write economically, avoid weak words, how not to overuse words, how to be actively descriptive, and how to edit, edit, and edit again!

Outdoor Discovery School—Back By Popular Demand!
NKC S79 001 (entering grades 2–5)
MTWTh 9 a.m.–Noon $139
Would you like to learn more about skills needed to spend time in the outdoors? After joining L.L. Bean’s Outdoor Discover School at Outdoor Skills Camp, the answer is sure to be YES! Each day campers will learn different skills, such as geocaching, shelter-making, fire building, knot tying, and more!

High School Success Series: Study Skills for Success
NKC S68 002 (entering grades 9–12)
MTWTh 9 a.m.–Noon $139
There’s never a better time to learn all the essential skills to help you succeed in high school and in your future career. You’ll learn the art of organization, time management, study skills, and note taking. Maintaining an assignment notebook, setting up an ideal study area, keeping papers organized, and learning about your personal learning style are just a few of the executive functioning skills you’ll come away with!
**Kids and College | Summer Academy Classes  
WEEK OF August 5–8**

**AFTERNOON**

**New! Outdoor Discovery School—Survival**  
NKC S79 002 (entering grades 5–9)  
**MTWTh  1–4 p.m.  $139**  
Would you like to learn more about skills needed to survive in the outdoors? After joining LL. Bean’s Outdoor Discover School at Outdoor Skills Camp, the answer is sure to be YES! Each day campers will learn different skills, such as geocaching, shelter-making, fire building, archery, and more!

**Middle School Success Series: That Was Due Today!?**  
NKC S69 002 (entering grades 5–8)  
**MTWTh  1–4 p.m.  $139**  
There’s never a better time to learn all the essential skills to help you succeed in school and your future career. You’ll learn the art of organization, time management, study skills, and note taking. Maintaining an assignment notebook, setting up an ideal study area, keeping papers organized, and learning about your personal learning style are just a few of the executive functioning skills you’ll come away with!

**New! Chessmate (all levels welcome)**  
NKC S93 001 (entering grades 2–8)  
**MTWTh  1–4 p.m.  $139**  
Players will learn or review the fundamentals of chess, learn chess tactics and strategic principles, sharpen critical thinking skills, and develop chess etiquette and sportsmanship. Players will participate in a tournament on the final day. No chess experience necessary.

**Scot Teen Chef Academy—Back By Popular Demand!**  
NKC S58 006 (entering 7–9 grade)  
**MTWTh  1–4 p.m.  $139**  
Join MCC’s master Chef Simon and learn the basics of food preparation, kitchen safety and cooking. Working in teams, in the college’s state-of-the art kitchen, teen chefs will use their culinary skills to make a variety of delicious meals sure to be replicated at home. New recipes will be taught by Chef Simon every year. Please note, MCC’s Culinary program is a classic French-based program; many varieties of allergens may be found in the kitchen such as nuts, seafood, and gluten. We highly suggest students with these allergies not participate in this class.

**LUNCH BUNCH**

Lunch Bunch is open to all students enrolled in Kids and College Summer Academy.

Supervised lunch by trained staff. Students can elect to bring a peanut-free brown bag lunch or bring money ($7–$8 recommended) to purchase a daily lunch of your choice in the cafeteria. After lunch, staff will escort student to afternoon class. If student is not attending afternoon class, parents/guardians will need to sign out child at the Kids and College welcome table near the Scot Room (B178) in Building B. It is important to register at the same time you register for Kids and College Summer Academy classes (please see registration codes/prices below).

**MTWTh  |  Noon–12:55 p.m.  |  $10 for week**

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<tr>
<th>Date</th>
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<tr>
<td>June 17–20</td>
<td>NKC S96 001</td>
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<td>June 24–27</td>
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<td>July 8–11</td>
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<td>July 15–18</td>
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<td>July 22–25</td>
<td>NKC S96 005</td>
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<tr>
<td>August 5–8</td>
<td>NKC S96 006</td>
<td>$40</td>
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**BEFORE AND AFTER CARE (GRADES 1–9)**

Lead by a certified instructor, Kids and College Before and After Care program gives parents peace of mind knowing their child will be safe, supervised, and involved before and after classes/camps. Supervision is provided Monday–Thursday from 7:30–9 a.m. and/or 3–5:30 p.m. It is important to register at the same time you register for Kids and College classes/MCC Tech Camps (please see registration codes/prices below). Students will meet daily at our Kids and College welcome table near the Scot Room (B178) in Building B. Parent/guardian is required to sign in/sign out students daily. Please report any changes to your child’s Before and After Care schedule to (815) 455-8597.

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HOW TO REGISTER

NEW! ONLINE
Visit www.mchenry.edu/kidsandcollege.

FAX the completed registration form, including your credit card information, to (815) 455-3766 between 8 a.m.–4 p.m. Monday–Friday. Fax registrations received after 4 p.m. will be processed the following business day.

MAIL the completed registration form. Payment is due at the time of registration. Please enclose a check or credit card information (Visa, MasterCard, Discover or American Express) with your registration form. McHenry County College Registration 8900 U.S. Highway 14 Crystal Lake, IL 60012-2761

IN-PERSON Come to the Registration Office located in Room A258.

PHONE (815) 455-8588 and speak directly to an enrollment processor. You must use a Visa, MasterCard, Discover, or American Express credit card to register by phone.

REFUND POLICY:
A 100% refund will be given if the Registration Office is notified Thursday prior to the start of the first day of class/camp you are withdrawing from (office closed Friday). No refund the day camp/class starts or if MCC’s campus is closed due to unforeseen circumstances.

2019 Kids and College Registration Form

Student Name: ________________________________________________________ Gender: □ Male □ Female
Address: ________________________________________________________________
City: _______________________________ State: ________________ Zip: ________________
Date of Birth: ________________________ Entering Grade Fall 2019: ________________________
Home Phone: ________________________ Alt. Phone: ________________________
Email (required): ________________________________________________________
Parent/Guardian Name(s): ________________________________________________

Please make checks payable to McHenry County College or use a credit card.

VISA □ □ Discovery □ □
Acct. #: ________________________________________________________________
VID #: ______ Exp. Date __________ Card Holder Signature: ________________________

Camp/Class Title ____________________________ Course Code # ____________________________ Cost
____________________________________________________________________________
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**BASEBALL HITTING CAMP**
This one day camp will be taught by Jared Wacker, head coach of the nationally ranked MCC baseball team and will provide you with the tools to help you improve your swing using the same techniques that have made the Scots one of the top hitting teams in the country.
Where: MCC Baseball Field

**July 23**
Entering Grade  | Time  | Cost  | Course Code #
---|---|---|---
Boys 5th–10th | 9–11:30 a.m. | $35 | NAD S01 001

**Volleyball All Skills Camps**
Cover all the basics including passing, setting, digging, attacking, blocking, and serving.
Where: MCC Gym

**June 24-26**
Entering Grade  | Time  | Cost  | Course Code #
---|---|---|---
Boys/girls 6th–8th | 2–4 p.m. | $60 | NAD S10 001

**June 24-26**
Entering Grade  | Time  | Cost  | Course Code #
---|---|---|---
Girls 9th–12th | Noon–2 p.m. | $60 | NAD S10 002

**Volleyball One Day Specialty Camps**
Where: MCC Gym

**Setters/Hitters—June 27**
Entering Grade  | Time  | Cost  | Course Code #
---|---|---|---
Girls 8th–12th | Noon–2 p.m. | $25 | NAD S10 003

**Passing/Defense—June 27**
Entering Grade  | Time  | Cost  | Course Code #
---|---|---|---
Girls 8th–12th | 2–4 p.m. | $25 | NAD S10 004

**Basketball All Skills Camps**
Fundamentals Day Camp is designed to give campers a chance to improve fundamental skills in ball handling, passing, shooting and defense.
Where: MCC Gym

**July 15-18**
Entering Grade  | Time  | Cost  | Course Code #
---|---|---|---
Boys/girls 6th–8th | 2–3:30 p.m. | $50 | NAD S02 001
Boys/girls 3rd–5th | Noon–1:45 p.m. | $50 | NAD S02 002

**Softball All Skills Camps**
All Skills Camp will provide instruction necessary to develop your overall game. Hitting, infield defense, outfield defense, and pitching will all be covered throughout the week. This camp will be taught by MCC Softball coaches and players.
Where: MCC Softball Field

**June 17-20 (June 21 rain date)**
Entering Grade  | Time  | Cost  | Course Code #
---|---|---|---
Girls 6th–8th | 9–11:30 a.m. | $75 | NAD S06 001
Girls 9th–12th | 1–3:30 p.m. | $75 | NAD S06 002

www.mchenry.edu/scotstars
Register online at www.mchenry.edu/mymcc
For more information, contact Jared Wacker at jwacker@mchenry.edu or (815) 455-8543.
Digital Media Boot Camp: Mobile APP Development

App Developer was voted the #1 Job in America (CNN Money) Whether you’re Snapchattting with friends or microblogging, you probably spend time every day using the creations of mobile app developers. Mobile app developers get to create something that can reach millions of people on a daily basis. Are you interested?! Come learn from an expert instructor how to imagine, design, build, and optimize a cross-platform mobile app...and get paid for doing it! No prior experience required.

June 17–20
NKC S80 008 (entering grades 9–12)
MTWTh 1–4 p.m. Fee: $99

Great Opportunity!
Sponsored Camp—NBT and Watlow Co.
Modern Manufacturing and Entrepreneurship
Tremendous opportunities are available in the field of manufacturing and fabrication. You’ll get cutting-edge experience in this full-day camp as you design and build a product from start to finish with MCC’s Chair and Instructor of Applied Technology, Bob Mihelich, AIA, NCARB. Learn how to do CAD design and operate various kinds of manufacturing machinery under the close supervision of your instructor and expert manufacturing teaching assistants. You’ll also tour a local manufacturing facility to learn what kinds of jobs exist in modern manufacturing, what skills and training are required, and how those businesses developed. You’ll hear directly from local manufacturing company owners how they started their businesses, applying basic entrepreneurship principles to understand how a single product idea becomes a business.

Full Day Camp July 22–25
NKC S80 005 (entering grades 9–10)
MTWTh 9 a.m.–4 p.m. Fee: $59

Robotics Boot Camp
If you’ve had experience with robotics, programming, or engineering classes in the past, this class is sure to take robotics and programming to a whole new level. Using advanced features of the LEGO NXT system, you’ll design and build an autonomous robot complete with all sensors and lights needed to compete in challenges. At the culminating EXPO, you’ll be challenged to compete in “the pit” and have your robot meet the various challenges. You’ll learn about advances in this field as well as the exciting high-demand career options in robotics, computer science, and intelligence. ALL LEVELS WELCOME!

August 5–8
NKC S80 006 (entering grades 9–10)
MTWTh 1–4 p.m. Fee: $99

For more information, contact Laura Beaupre, Coordinator of College and Career Readiness at lbeaupre@mchenry.edu or (815) 455-8597
www.mchenry.edu/kidsandcollege  |  To register call (815) 455-8588