FULL DAY STEM CAMPS (1–9 grade)
HALF DAY ACADEMIC/ENRICHMENT CLASSES (1–12 grade)

WHERE CREATIVITY AND INNOVATION MEET
SUMMER FUN!

JUNE 18–AUGUST 9, 2018

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

NEW! HIGH SCHOOL STEM BOOT CAMPS (9–12 grade)
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).
- New! 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 11 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 a 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 12 for details.
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
Camp held from 9 a.m.–3 p.m.

Session 1—June 18–21
Dream Big: Building Super Structures
Dream Big: Building the Impossible

Session 2—June 25–28
Summer Island Theme Park Engineers/with Minecraft Edu
Engineering 4 Amusement/with Minecraft Edu

Session 3—July 9–12
Prepare to Launch!
Exploration 2050: Future of Space Exploration and Drones

Session 4—July 16–19
Jr. Medical School
Biomedical Innovations

Session 5—July 23–26
Green to the EXTREME!
MCC’s Engineers Without Borders

Session 6—August 6–9
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 problem-solving, communication, risk-taking, and decision-making skills. 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 specialist to take their creativity to the next level. They will learn the science behind cool art. Younger campers will learn foundational art techniques while older campers will learn how digitally to create art.

Welcome/Camper Check-In
All-Camper Morning Rally
STEM Spotlight
Snack/Outdoor
STEM Spotlight
Lunch/Outdoor
Art, Technology Spotlight
Cool snack!
Wrap-up and checkout

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.
WEEK OF JUNE 18–21
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.

Dream Big: Building Super Structures (entering grades 1–4)
NKC S40 001 (entering grades 1–2)
NKC S40 002 (entering grades 3–4)
MTWTh 9 a.m.–3 p.m. $189
Build the tallest, longest, and strongest structures as you find ways to build up, over, and through obstacles. Modeled after the PBS series Building Big, MCC TECH junior engineers are challenged to design super structures that will stand up under extreme physical forces and even natural disasters! Engineer your structure to survive an earthquake, hurricane, or typhoon to be showcased as a winning Super Structure on the last day of camp.

Dream Big: Engineering the Impossible (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
Building the impossible? Bridging the Bering Strait? Tunneling under the Alps? Widening the Panama Canal? Not a problem! Learn how to DREAM BIG like famous engineers of the past! Explore the fundamental concepts of design and engineering then build your way through some extreme obstacles, too. Unleash your imagination and discover the power of teamwork as you and your “design squad” are challenged to create almost impossible innovations of the future!

Kids and College | Summer Academy Classes
WEEK OF JUNE 18–21
MORNING

Junior Writing Academy: From Page to Stage
NKC S60 001 (entering grades 2–5)
2-week class—June 18–21 and June 25–28
MTWTh 9 a.m.–Noon $159
NKC S60 002 (entering grades 2–5)
1-week option—June 18–21
MTWTh 9 a.m.–Noon $99
What do The Wizard of Oz, Annie, and Peter Pan all have in common? They’re all stories that were adapted for the stage. This class teaches the cooperative process required to take a story from the start of an idea to a finished product, along with theatre and stage production. Future dramatists work together to devise a story, create a script, design costumes, and plan scenery as they prepare to perform a final production. Please note: students will be participating in the “final production” week 2.

Writing Academy: Digital Storytelling
NKC S63 001 (entering grades 6–9)
MTWTh 9 a.m.–Noon $159
2-week class—June 18–21 and June 25–28
NKC S63 002 (entering grades 6–9)
1-week option—June 18–21
MTWTh 9 a.m.–Noon $99
Join master reading instructor, Mandy Krich, as she uses best practices in teaching language arts to develop your writing skills and talents. You’ll create funny, scary, and amazing stories that audiences will want to read over and over again. In addition, you’ll learn strategies to develop sequential narratives that can be incorporated into a digital story. These creative masterpieces will be shared at a culminating EXPO at the end of the two-week course. The two-week class is highly encouraged to achieve the best growth.

New! Winning Mindset: Jr. Fitness and Wellness Camp
NKC S67 001 (entering grades 3–5)
MTWTh 9 a.m.–Noon $139.00
It’s never too early to learn how our brains grow and our bodies get healthy through effort, practice, hard work, and having fun! Learn the power of thoughts and how to change negative thinking. We’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!
Introduction to Pre-Algebra I (entering grades 7–8)
NKC S73 001 (entering grades 7–8)
2-week class—June 18–21 and June 25–28
MTWTh 9 a.m.–Noon $159
NKC S73 002 (entering grades 7–8)
1-week option—June 18–21
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. This two-week class is highly recommended to achieve the best growth. Parents with sixth grade student wanting to take this class need to submit a teacher recommendation to Laura Beaupre, Coordinator of College and Career Readiness, by June 11th. Find the contact information and teacher recommendation form on the Kids and College website www.mchenry.edu/kidsandcollege.

Kids and College | Summer Academy Classes
WEEK OF JUNE 18–21

AFTERNOON

Jr. Scot Star Baking Academy—Back By Popular Demand!
NKC S58 001 (entering grades 2–3)
MTWTh 1–4 p.m. $139
Join MCC’s very own top pastry chefs and learn the art of baking and decorating pastries and cupcakes. You’ll learn to create beautiful works of art on cupcakes with icing and other edible sweets. All students will to 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 such as nuts, seafood, and gluten may be present in our kitchen lab space. We highly suggest students with these allergies not participate in this class.

New! Winning Mindset: Fitness and Wellness Camp
NKC S67 002 (entering grades 6–9)
MTWTh 1–4 p.m. $139
Join a master fitness and nutrition coach 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. We’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!

Digital Media: Intro to Web Design
NKC S82 001 (entering grades 5–9)
MTWTh 1–4 p.m. $139
Creative thinkers and artists welcome! Web design doesn’t have to be scary. We’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.

WEEK OF JUNE 25–28
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.

Summer Island Theme Park Engineers (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
Investigate why your ears pop, your stomach flips, and trees fly as you ride airplanes, elevators and roller coasters. Experiment with motion, air, and other forces to test the laws of physics and become a gravity buster! During the week you’ll ride, roll, spin, and even free fall as you engineer and test animated rides on a computer and design your own 3D amusement park ride. Who knows, maybe you’ll be the next Disney “Imaginer.”

Engineering 4 Amusement (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
What do Spin Dizzy, Skyroller, Flying Fury, and Freefall Extreme have in common? These are some of the strangest, most adrenaline-pumping and innovative non-roller coaster rides in the world. Imagine what theme parks will be like in the future and join a high tech-team to dream up, design, simulate and build a model of the most thrilling and chilling ride yet to be made!
Kids and College | Summer Academy Classes
WEEK OF JUNE 25–28

MORNING

Jr. Writing Academy: From Page to Stage
NKC S60 003 (entering grades 2–5)
1-week option June 25–28
MTWTh 9 a.m.–Noon $99
See course description on page 4.

Writing Academy: Digital Storytelling
NKC S63 003 (entering grades 6–9)
1-week option June 25–28
MTWTh 9 a.m.–Noon $99
See course description on page 4.

Kids and College | Summer Academy Classes
WEEK OF JUNE 25–28

AFTERNOON

Jr. Scot Star Baking Academy II—Back By Popular Demand!
NKC S58 002 (entering grades 4–5)
MTWTh 1–4 p.m. $139
Join MCC’s very own top pastry chefs and learn the art of baking and decorating pastries and cupcakes. You’ll learn to create beautiful works of art on cupcakes with icing 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 such as nuts, seafood, and gluten may be present in our kitchen lab space. We highly suggest students with these allergies not participate in this class.

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 technical 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.

New! 3D Video Game Design with Unity (Advanced Level)
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 software program, aspiring game designers will learn level editing, 3D modeling, intermediate script writing, and the impact of game play on user experience. Come learn from one of MCC’s top programming instructors. This class is for students who have advanced computer skills.

WEEK OF JULY 9–12
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.

Prepare to Launch! (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
Prepare for launch! Explore space science as you design, build, and launch customized rockets. Become an expert on propulsion, aerodynamics, and learn all about outer space and zero gravity as you and your NASA Design Crew are challenged to construct a space vehicle for your very own mission to Mars. Should be an “out of this world” week of fun!

Exploration 2050: The Future of Space Exploration and Drones (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
By 2050, will we be mining for gold, platinum and other precious metals on asteroids? Will a lunar base on the moon be a reality? Will Space Elevators be used in the near future? Hard to imagine?! Come learn what space and geoscientists have been working on for years. Simulations, hands-on experiments, and guided lesson from an expert on space exploration and drones will all be a part of this exciting week!

Kids and College | Summer Academy Classes
WEEK OF JULY 9–12

MORNING

Jr. Reading Academy: Young Author’s Book Club
NKC S61 001 (entering grades 2–5)
2-week class—July 9–12 and July 16–19
MTWTh 9 a.m.–Noon $159
NKC S61 002 (entering grades 2–5)
1-week option—July 9–12
MTWTh 9 a.m.–Noon $99
In this interactive course, young authors hear and read award-winning children’s books and share their reflections. Students build language skills through dramatic play, storytelling, creative writing, journaling, and more. In addition, a variety of reading strategies will be taught to improve comprehension, reading fluency, critical thinking, and vocabulary. Learning objectives will be based on third and fourth grade learning standards. The two-week class is highly encouraged to achieve the best growth.
TEEN Reading Academy  
NKC S64 001 (entering grades 6–9)  
2-week class—July 9–12 and July 16–19  
MTWTh 9 a.m.–Noon $159  
NKC S64 002 (entering grades 6–9)  
1-week option—July 9–12  
MTWTh 9 a.m.–Noon $99  
This class includes two weeks of classroom instruction and stimulating activities led by a master reading teacher. Activities are designed to strengthen skills needed to be successful in school and become lifelong 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. Learning Objectives will be based on 7th–8th grade reading levels. The two-week class is highly encouraged to achieve the best growth.

Introduction to Algebra I (entering grades 8–9)  
NKC S74 001 (entering grades 8–9)  
2-week class—July 9–12 and July 16–19  
MTWTh 9 a.m.–Noon $159  
NKC S74 002 (entering grades 8–9)  
1-week option—July 9–12  
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 wanting 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.

Jr. G.O. (Girls Only) STEM: Tiny House Design and Décor  
NKC S57 001 (entering grades 2–5)  
MTWTh 9 a.m.–Noon $139  
Calling all young architects! Have you heard about the tiny-house movement that’s sweeping the nation? People are downsizing and living simply in 300–800 square feet. So we need your big ideas for the ideal tiny house! First we’ll cover the principles of architecture and how different kinds of homes serve different needs. Then you’ll create a tiny home of your own that we’ll take from design, to 3D model, and finally, add decorating touches to make it a tiny house dream home you can call your own!

SCOT’s Star Baking School—Back By Popular Demand!  
NKC S58 003 (entering grades 6–9)  
MTWTh 1–4 p.m. $139  
Join MCC’s very own top pastry chefs and learn the art of baking and decorating pastries and cupcakes. You’ll learn to create beautiful works of art on cupcakes with icing 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 such as nuts, seafood, and gluten may be present in our kitchen lab space. We highly suggest students with these allergies not participate in this class.

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**WEEK OF JULY 16–19**
**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. Medical School (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
Get ready to put on your lab coat, don a stethoscope, and become a doctor. Start by learning medical and anatomical terminology, learn how to read x-rays; how nutrition, exercise, and proper brain care keep the body healthy, and how viruses spread. Next, you’ll apply your medical knowledge of the various body systems as you study various animal body parts such as a sheep’s heart and lungs. To culminate your week of medical school, you’ll be going on rounds in MCC’s mini ER where your family members and friends will become patients.

**Biomedical Innovations and the Human Body**
(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
The human body is a fascinating and complex organism—a symphony of different functional systems working together! Learn how engineers are increasingly involved in design for the human body and in helping these systems work together. From creating artificial limbs and discovering new cancer treatments to designing cutting edge robotic surgeries, today’s biomedical science professions are tackling big challenges to make the world a better place and to care for the human body. Explore various careers in the biomedical technology, engineering, and medical fields and immerse yourself in a week of hands-on activities that will introduce you to engineers’ creative, real-world involvement in caring for the human body.

**Kids and College | Summer Academy Classes**
**WEEK OF JULY 16–19**
**MORNING**

**Jr. Reading Academy: Young Author’s Book Club**
NKC S61 003 (entering grades 2–5)
1-week option July 16–19
MTWTh 9 a.m.–Noon $99
See course description page 6.

**TEEN Reading Academy**
NKC S64 003 (entering grades 6–9)
1-week option—July 16–19
MTWTh 9 a.m.–Noon $99
See course description page 7.

**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 this class. Students will work in pairs or teams for most of program.

**APP Attack!—Back By Popular Demand!**
NKC S82 003 (entering grades 5–9)
MTWTh 1–4 p.m. $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 this class. Students will work in pairs or teams for most of program.

**WEEK OF JULY 16–19**
**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. Medical School (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
Get ready to put on your lab coat, don a stethoscope, and become a doctor. Start by learning medical and anatomical terminology, learn how to read x-rays; how nutrition, exercise, and proper brain care keep the body healthy, and how viruses spread. Next, you’ll apply your medical knowledge of the various body systems as you study various animal body parts such as a sheep’s heart and lungs. To culminate your week of medical school, you’ll be going on rounds in MCC’s mini ER where your family members and friends will become patients.

**Biomedical Innovations and the Human Body**
(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
The human body is a fascinating and complex organism—a symphony of different functional systems working together! Learn how engineers are increasingly involved in design for the human body and in helping these systems work together. From creating artificial limbs and discovering new cancer treatments to designing cutting edge robotic surgeries, today’s biomedical science professions are tackling big challenges to make the world a better place and to care for the human body. Explore various careers in the biomedical technology, engineering, and medical fields and immerse yourself in a week of hands-on activities that will introduce you to engineers’ creative, real-world involvement in caring for the human body.

**Kids and College | Summer Academy Classes**
**WEEK OF JULY 16–19**
**AFTERNOON**

**New! STEM Medley Camp (Robotics and Coding)**
NKC S83 002 (entering grades 2–5)
MTWTh 1–4 p.m. $149
ROBOTICS, ENGINEERING, AND CODING all in one! This medley of activities offers Chasewood Learning’s STEM classes all in one week! You’ll learn STEM disciplines such as creating interactive stories, games, and animations; building and programming robots; and building engineering models.

**APP Attack!—Back By Popular Demand!**
NKC S82 003 (entering grades 5–9)
MTWTh 1–4 p.m. $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 this class. Students will work in pairs or teams for most of program.
Junior Culinary Academy  
NKC S58 004 (entering 2–3 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 kitchen lab, 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 such as nuts, seafood, and gluten may be present in our kitchen lab space. We highly suggest students with these allergies not participate in this class.

WEEK OF JULY 23–26  
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.

Green to the Extreme! (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
It’s time to go GREEN to an EXTREME! As agents to protect our planet, campers will use their nature knowledge and problem-solving skills to find solutions to some real world problems. Each Green Design Team will engineer ways to safely clean up an oil spill, design a wind turbine to power machines, and much more! Science, Technology, Engineering, and Math (STEM) skills are used to solve environmental challenges in this exciting hands-on camp.

MCC’s Engineers Without Borders (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
Whether providing safe water to Belize, designing earthquake-resistant buildings for Haiti, engineering irrigation systems for a rural town in China, or providing solar power for a home in Costa Rica, MCC’s real-world engineers are prepared to help! Join our exciting week solving real-world engineering challenges. Curriculum inspired by Engineers Without Borders, USA.

Young Author’s Writing Workshop: Create a Book  
NKC S62 001 (entering grades 3–5)  
2-week class—July 23–26 and August 6–9  
MTWTh 9 a.m.—Noon $159
NKC S62 002 (entering grades 3–5)  
1-week option—July 23–26  
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 final edits in your very own book! A master writing teacher will teach young authors 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. The two-week class highly recommended for optimal growth and to receive a bound copy of your book.

Writing Academy: Exceptional Essays and Presentations—Back By Popular Demand!  
NKC S65 001 (entering grades 6–9)  
2-week class—July 23–26 and August 6–9  
MTWTh 9 a.m.—Noon $159
NKC S65 002 (entering grades 6–9)  
1-week option—July 23–26  
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 exceptional narrative, descriptive, persuasive, expository, and analytical essays (with and without time constraints). You’ll maintain a portfolio of your work to measure your progress. During the second week of class, you’ll learn exceptional presentation skills sure to prepare you for future academic and professional success. The two-week class highly recommended for optimal growth.

NEW! Introduction to Geometry I (entering grades 8–10)  
NKC S71 001 (entering grades 8–10)  
2-week class July 23–26 and August 6–9  
MTWTh 9 a.m.—Noon $159
NKC S71 002 (entering grades 8–10)  
1-week option—July 23–26  
MTWTh 9 a.m.—Noon $99
Start your 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, line, planes, and solids. Algebraic techniques are integrated into the solution of many geometric problems. Prerequisite: Successful completion of Algebra.
New! Minecraft Designers  
NKC S87 001 (entering grades 2–5)  
MTWTH 9 a.m.–Noon $149

If you love the game Minecraft and always wanted to design your own world, this class is for you! Learn how to create a custom map, the basics of creating 3D models using new software to design your own objects, how to build with Redstone and Command blocks, and how to create custom textures for you to import at home or share with friends. To access your project at home, you must own a PC/MAC version of Minecraft. Tablet, phone, and game console versions of Minecraft are not compatible. Parent email address is required to use 3D modeling software. Students will work in pairs or teams for most of the program.

Kids and College | Summer Academy Classes  
WEEK OF JULY 23–26

New! Minecraft Designers  
NKC S87 002 (entering grades 5–9)  
MTWTh 1–4 p.m. $149

If you love the game Minecraft and always wanted to design your own world, this class is for you! Learn how to create a custom map, the basics of creating 3D models using new software to design your own objects, how to build with Redstone and Command blocks, and how to create custom textures for you to import at home or share with friends. To access your project at home, you must own a PC/MAC version of Minecraft. Tablet, phone, and game console versions of Minecraft are not compatible. Parent email address is required to use 3D modeling software. Students will work in pairs or teams for most of the program.

Jr. Culinary Academy II (entering grades 4–5)  
NKC S58 005 (entering grade 4–5)  
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 kitchen lab, 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 such as nuts, seafood, and gluten may be present in our kitchen lab space. We highly suggest students with these allergies not participate in this class.

That Was Due Today!  
NKC S69 001 (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!

WEEK OF AUGUST 6–9

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! Chasewood’s Robotic Academy provides a multi-level approach that allows kids 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 you’ll have new projects, challenges, and competitions. At the culminating EXPO, you’ll compete in “the pit” and have your robot meet the various challenge 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

If you’ve already had some experience with robotics, programming, or engineering classes, this academy 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 compete in “the pit” and have your robot meet the various challenges. Along the way, you’ll learn about advances in this field as well as exciting high-demand careers in robotics, computer science, and intelligence.
Kids and College | Summer Academy Classes
WEEK OF AUGUST 6–9

MORNING

New! Outdoor Discovery School
NKC S79 001 (entering grades 1–4)
MTWTh 9 a.m.–Noon $139
Would you like to learn more about skills needed to spend time in the outdoors? After joining the L.L Bean's Outdoor Discovery 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!

Digital Media: Animation
NKC S82 004 (entering grades 5–9)
MTWTh 9 a.m.–Noon $139
Interested in animation? Why not take your character ideas out of your sketchbook and into the digital world? Learn the basics of creating illustrations for web, games, apps, and print. You’ll also learn about all the exciting and in-demand 21st-century careers in animation.

Kids and College | Summer Academy Classes
WEEK OF AUGUST 6–9

AFTERNOON

New! Outdoor Discovery School
NKC S79 002 (entering grades 5–9)
MTWTh 1–4 p.m. $139
Would you like to learn more about skills needed to spend time in the outdoors? After joining the 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, archery and more!

High School Study Skills for Success
NKC S68 001 (entering grades 9–10)
MTWTh 1–4 p.m. $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!

Scot Chef Challenge—Back By Popular Demand!
NKC S58 006 (entering grades 6–9)
MTWTh 1–4 p.m. $139
Do you have what it takes to be MCC’s Top Teen Chef? In this class, taught by MCC’s very own top chefs, you’ll learn the basics of cooking, food preparation, and presentations. Working in teams, you’ll compete in a last-day challenge in MCC’s kitchen lab. Who will win the Scot’s Teen Chef Challenge? Groups will be judged by culinary experts at the college. No previous cooking skills required.

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 daily lunch of choice in the cafeteria. After lunch, staff will escort students to afternoon class. If your 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 | 12:05–12:55 p.m. | $10 for week
June 18–21 NKC S96 001
June 25–28 NKC S96 002
July 9–12 NKC S96 003
July 16–19 NKC S96 004
July 23–26 NKC S96 005
August 6–9 NKC S96 006

BEFORE AND AFTER CARE (GRADES 1–9)

Lead by a certified instructor, the Kids and College new 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 are 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.

MTWTh  |  7:30–9 a.m.  |  3–5:30 p.m.  |  4–5:30 p.m.
June 18–21 NKC S95 001 $24  NKC S95 002 $40  NKC S95 003 $24
June 25–28 NKC S95 004 $24  NKC S95 005 $40  NKC S95 006 $24
July 9–12 NKC S95 007 $24  NKC S95 008 $40  NKC S95 009 $24
July 16–19 NKC S95 010 $24  NKC S95 011 $40  NKC S95 012 $24
July 23–26 NKC S95 013 $24  NKC S95 014 $40  NKC S95 015 $24
August 6–9 NKC S95 016 $24  NKC S95 017 $40  NKC S95 018 $24

For more information, contact Laura Beaupre at lbeaupre@mchenry.edu or (815) 455-8597 | 11
# 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.

## 2018 Kids and College Registration Form

Student Name: ________________________________________ Gender:  □ Male  □ Female

Address: ________________________________________________

City: ___________________________ State: _______________ Zip: ____________________

Date of Birth: ____________________ Entering Grade Fall 2018: __________________________

Home Phone: ______________________ Alt. Phone: ____________________________

*Email: __________________________

Parent/Guardian Name(s): _____________________________________________

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

**VISA**  □  **DISCOVER**  □  **AMEX**  □  **MC**  □

Acct. #: ________________________________________________

VID #: ________  Exp. Date ____________  Card Holder Signature: __________________________

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Digital Media Boot Camp: Mobile APP Development
App Developer was voted the #1 Job in America (CNN Money)
Whether you’re Snapchatting 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, Stephen Buchs, how to imagine, design, build, and optimize a cross-platform mobile app...and get paid for doing it! No prior experience required.

A.M. June 11–14 Monday–Thursday
NKC S80 001 (entering grades 9–12)
MTWTh 9 a.m.–Noon Fee: $139

P.M. June 11–14 Monday–Thursday
NKC S80 002 (entering grades 9–12)
MTWTh 1–4 p.m. Fee: $139

Digital Media Boot Camp: Intro to Web Development
Are you a creative thinker? Artistic? Interested in technology? Web Development might be the field for you! Learn how to use the basic building blocks of HTML and CSS to build web sites. You’ll learn how to create a web page and customize it with colors, pictures, and fonts. By the end of the week, you’ll be able to publish your own web page (with consent). You’ll also gain a better understanding of job opportunities in this field and what to study to get there. No prior experience required.

P.M. June 18–21 Monday–Thursday
NKC S80 003 (entering grades 9–12)
MTWTh 1–4 p.m. Fee: $139

Digital Media Boot Camp: Video Game Development with Unity
Ready you ready to take your game-design skills to the next level? With Unity, an industry-grade design software program, aspiring game designers will learn level editing, 3D modeling, intermediate event scripting, and the impact of game play on user experience. Learn from one of MCC’s top programming instructors, Dr. Jack Brzenski, the future of video game development. No prior experience required.

P.M. July 16–19 Monday–Thursday
NKC S80 004 (entering grades 9-12)
MTWTh 1–4 p.m. Fee: $139

Edge Factor Boot Camp: 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 23–26 Monday–Thursday
NKC S80 005 (entering grades 9–12)
MTWTh 9 a.m.–4 p.m. Fee: $220

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!

P.M. August 6–9 Monday–Thursday
NKC S80 006 (entering grades 9–12)
MTWTh 1–4 p.m. Fee: $139

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
**BASEBALL HITTING CAMPS**
This three 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 offensive game using the same techniques that have made the Scots one of the top hitting teams in the country.
**Where:** MCC Baseball Field

**June 11–13 (June 14 rain date)**

- **Boys 7th–9th**
  - Time: 9–10:30 a.m.
  - Cost: $45
  - Course Code: NAD S01 001

**VOLLEYBALL ALL SKILLS CAMPS**
Cover all the basics including passing, setting, digging, attacking, blocking, and serving.
**Where:** MCC Gym

**June 25–27**

- **Girls 6th–8th**
  - Time: 9–11:30 a.m.
  - Cost: $65
  - Course Code: NAD S10 001

- **Girls 9th–12th**
  - Time: Noon–2:30 p.m.
  - Cost: $65
  - Course Code: NAD S10 002

**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 9–12**

- **Boys/girls 6th–8th**
  - Time: 11 a.m.–12:45 p.m.
  - Cost: $50
  - Course Code: NAD S02 001

- **Boys/girls 3rd–5th**
  - Time: 1–2:30 p.m.
  - Cost: $50
  - Course Code: 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 18–21 (June 22 rain date)**

- **Girls 6th–8th**
  - Time: 9–11:30 a.m.
  - Cost: $50
  - Course Code: NAD S06 001

- **Girls 9th–12th**
  - Time: 1–3:30 p.m.
  - Cost: $50
  - Course Code: NAD S06 002

- Register online at www.mchenry.edu/mymcc
- For more information, contact Jared Wacker at jwacker@mchenry.edu or (815) 455-8543.
SUMMER READING SKILLS PROGRAMS
MCC and The Institute of Reading Development

Program 00 for 4-Year-Olds and Entering Kindergarten
Tuesdays, 9–10 a.m., Room C106, Dates: 6/12–7/10
Students learn beginning reading skills and develop a love of books. Your child will learn letter recognition, phonics, sight words, and how to read simple words and sentences.

Program 01 for Entering 1st Grade
Tuesdays 10:30 a.m.–12:15 p.m., Room C106, Dates: 6/12–7/10
Students learn to read independently while reviewing phonics and sight words to improve comprehension and gain the skills and confidence needed for success in first grade.

Program 02 for Entering 2nd Grade
Mondays, 9–10:45 a.m., Room C106, Dates: 6/11–7/9
Students become fluent independent readers. Your child will make significant gains in phonics and word-attack skills, fluency and comprehension while developing confidence and a love of reading.

Program 03 for Entering 3rd Grade
Tuesdays, 1–2:45 p.m., Room C106, Dates: 6/12–7/10
Students in this program become strong independent readers. Your child will develop the comprehension, fluency, and long-word decoding skills needed to read longer books with ease, and build reading confidence.

Program 04 for Entering 4th Grade
Mondays, 11:15 a.m.–1:30 p.m., Room C106, Dates: 6/11–7/9
In this program students make substantial gains in comprehension, long-word decoding skills, fluency, and reading speed. Your child will complete homework more quickly and easily, be more successful in school, and become a strong, enthusiastic reader.

Program 05 for Entering 5th Grade
Mondays, 2–4:15 p.m., Room C106, Dates: 6/11–7/9
Students make substantial gains in comprehension while doubling reading speed. They also learn the best way to read textbooks, take notes, and study for tests. As a result, students complete homework more quickly and easily, get better grades, and enjoy reading more.

Program 08 for Entering 6th–8th Grade
Thursdays, 12:30–2:45 p.m., Room C106, Dates: 6/14–7/12
Students double reading speed, make substantial gains in comprehension, and learn study skills. Excellent preparation for the SAT, ACT, and college.

Program 11 for Entering 9th–11th Grade
Thursdays, 3:15–5:30 p.m., Room C106, Dates: 6/14–7/12
Students double reading speed, make substantial gains in comprehension, and learn study skills. Excellent preparation for the SAT, ACT, and college.

Pricing:
4-Year-Olds and Entering Kindergarten (program 00): $249 tuition and $39 materials fee.
All other programs: $299 tuition and $39 materials fee.

To register, please call: (800) 470-3728

For more information, contact:
Dori Sullens • Director, Continuing Education
(815) 455-8559 or dsullens@mchenry.edu

CAMPUS MAP

DROP OFF
Black Box Theatre (Building E)
DREAM BIG

SUMMER FUN!
WHERE CREATIVITY AND INNOVATION MEET

MCC Kids and College
SUMMER 2018

JUNE 18–AUGUST 9, 2018

www.mchenry.edu/kidsandcollege | To register call (815) 455-8588