INDIANHILLS
Summer Kids' Camps

2019 Camps

All youth programs are pre-register, prepay and a wavier will need to be signed by a parent. Register and prepay at www.indianhills.edu/customlearn or call 641-683-5249 or 800-346-4413.

Ottumwa

Weird Science
Grades 4-6
June 18, 2019
8:30AM - 3:00PM

Amazing! Awesome! Cool! Come see how excited you can be about science. Do hands on experiments to see things erupt, fizz and pop! Work with gooey things, slimy things, fizzy things and just amazing things! This camp is for students entering 4th, 5th or 6th grade in the fall. Lunch will be provided. Please let us know if there are any food allergies we need to be aware of.

Chef For a Day
Grades 4-8
June 19, 2019
10:00AM - 3:00PM

Become a Chef for the day! Come spend the morning with Chef Mark Fisher, preparing a lunch for you and your classmates to enjoy. After lunch you will spend the afternoon baking goodies. Space is limited so sign up early!

Build to Express
Grades 3-5
June 20, 2019
9:00AM - 12:00PM

Want to build something cool and unique using Legos and your own ideas? Build to Express provides the chance for grades 3 through 5 to use their creativity and building skills and create solutions to a given problem. Come have fun creating, building, and sharing during this summer camp. Space is limited to the first 15 campers so sign up today!

BLAST Babysitting
Ages 11-14
June 21, 2019
9:00AM - 3:30PM

The Blast (Babysitting Lessons & Safety Training) Program is an exciting and interactive course that teaches participants how to set up and run their own babysitting business, how to handle the basics of childcare, how to react responsibly to medical emergencies and injuries, how to preform first aid for common childhood injuries and illnesses and how to entertain children with a variety of activities. Participants will complete Heartsaver Family and Friends CPR and receive a CPR course participation card. During the course, students will also make first aid kits and baby sitter busy bags filled with activities and games to use while babysitting. Enrollment is limited.

Nuts, Bolts, and Thingamajigs Camp
Ages 12-16
June 24-27, 2019
8:30AM - 4:00PM

This four-day camp is designed for students age 12-16 that are interested in building things utilizing CAD, machining, welding, electronics, robotics, and lasers. Campers will be exposed to multiple advanced manufacturing areas. Campers design, manufacture and build things to take home and will also build their own telescope. This camp is co-sponsored by the Foundation of the Fabricators and Manufacturer's Association and the Midwest Photonics Education Center (National Science Foundation DUE#1400561). Lunch is provided. Registration is $60 and need based scholarships are available by contacting Shannon Stevens at 641-683- 5312 or shannon.stevens@indianhills.edu.

Aging, Witches & Zombies!
Grades 4-8
June 25, 2019
1:00PM - 4:00PM

Learn special effects make up with theatre professionals. Take home your own make-up kit! Make-up kit is included in the course fee.

Chef For a Day
Grades 4-8
June 27, 2019
10:00AM - 3:00PM

Become a Chef for the day! Come spend the morning with Chef Mark Fisher, preparing a lunch for you and your classmates to enjoy. After lunch you will spend the afternoon baking goodies. Space is limited so sign up early!

Build–A–Bot

Grade 5-8
July 1, 2019
10:00AM - 12:00PM

During this 2 hour camp, each camper will build a two wheeled robot with a microcontroller (Arduino). They will learn the basics of an autonomous robot and will learn how create their own programs to accomplish simple task with the robot.

Build to Express

Grades 3-5
July 2, 2019
1:00PM - 4:00PM

Want to build something cool and unique using Legos and your own ideas? Build to Express provides the chance for grades 3 through 5 to use their creativity and building skills and create solutions to a given problem. Come have fun creating, building, and sharing during this summer camp. Space is limited to the first 15 campers so sign up today!

Entrepreneurship Camp: Let's get Slimed!

Ages 10-13
July 10, 2019
9:00AM - 2:00PM

Come have the slime of your life at Entrepreneurship Camp! In this one-day camp, we will go through the steps necessary to start your own slime business. From naming the company and creating a logo and marketing plan to mixing up some slime and packaging and selling it, we will take you through it all.

Entrepreneurship Camp is open to kids ages 10-13 years old. Lunch will be provided, and we will end the day by setting up shop and selling our slime! Campers will be transported to the main campus to set up shop and can be picked up in the Advanced Technology Center Room 111A at the end of the day.

Latino Photonics Camp

Ages 12-16
July 17-18, 2019
8:30AM - 3:30PM

This two-day camp is designed for Latino students age 12-16 that are interested in lasers and optics. Campers will learn about light, light energy, polarization, absorption, and other light based phenomena through hands on activities. Campers will build their own telescope and pop balloons with a laser. Lunch and transportation is provided. This camp is supported by the Midwest Photonics Education Center (National Science Foundation DUE#1400561).

Cupcake and Cookie Challenge

Grades 4-8
July 30, 2019
1:00PM - 5:00PM

Cookies and cupcakes are fun to make, and, of course, totally delicious. Kids will spend the day in the IHCC baking lab, baking cupcakes, cutting out sugar cookies and decorating both to bring home and share these yummy treats. Sign up today as space is limited!

App.io
Make Your First Multiplayer App!

Black Rocket Camps

For this section of courses, the Indian Hills Foundation has generously offered to provide some scholarships for families that may not be able to otherwise afford the higher fee. Scholarships for students who need them, are available in the amount of $100. **The scholarship application is available at www.indianhills.edu/kidscamps.** There are a limited number of scholarship available, so please apply early if your family is in need of assistance.

Battle Royale:
Make Your First Fortnite® Style Video Game
July 8-11, 2019
Ages 8-10: 9:00AM - 12:00PM
Ages 11-14: 1:00PM - 4:00PM

Fans of Fortnite we need you! Instead of playing the game, design your own. Using a professional 3D game development software, 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.
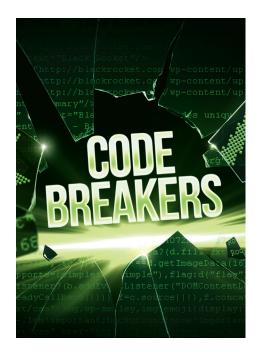

App.IO: Make Your
First Multiplayer App!
July 15-18, 2019
Ages 8-10: 9:00AM - 12:00PM
Ages 11-14: 1:00PM - 4:00PM

The hottest new Apps are IO apps! If your child likes to play Agar.io or Slither.io they will love this class! Become the creator of the next viral web app! In this class, explore the most popular .IO apps, design your own multiplayer experience and learn how to code your own app. 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. Students do not need to own a smartphone to take the class. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Code Breakers

July 22-25, 2019
Ages 8-10: 9:00AM - 12:00PM
Ages 11-14: 1:00PM - 4:00PM

Calling all future coders, programmers, and designers! Learn the basics of coding languages like HTML, JavaScript, and CSS through a series of web projects and design challenges each day and be on your way to becoming the next tech star! Whether you want to be a silicon valley CEO or the high school student who just made $1 million dollars for programming in her bedroom, this course has the essentials you need to begin your journey. Projects will be available on a Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Minecraft© Animators

July 29 - August 1, 2019
Ages 8-10: 9:00AM - 12:00PM
Ages 11-14: 1:00PM - 4:00PM

Bring your favorite Minecraft characters to life in an animated short film! Learn how studios like Pixar and Disney make movies like Inside Out and Frozen by using techniques like keyframing, tweening, texturing, and animating rigged 3D models! Student projects will be available on a password protected Black Rocket website to share with friends and family. You do not need to own a Minecraft account to use the software in this class. Students will work in pairs or teams for most of the program. Mac users can play their project at home, but will not be able to edit the project without a PC. Returning students can create more advanced projects that build on previous years.

Make Your First 3D Video Game!

August 5-8, 2019
Ages 8-10: 9:00am - 12:00pm
Ages 11-14: 1:00pm - 4:00pm

In this Black Rocket classic, you will go well beyond the limitations of the traditional 2D game design classes and create an immersive 3D world. Students will learn the physics behind 3D games, explore beginner event scripting, level design, controlling the flow of gameplay, and storytelling. 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.

BLACK ROCKET
Launch Your Creativity

Centerville

Dinosaur Camp
Grades K-2
June 1, 2019
8:30AM - 11:30AM

Dinosaur camp is filled with activities for grades K-2. Kids will get to "hunt" for dinosaurs and crack open dinosaur eggs. They will learn basic dinosaur facts and explore how dinosaurs roamed the Earth.

Build to Express
Grades 3-5
June 15, 2019
9:00AM - 12:00PM

Want to build something cool and unique using Legos and your own ideas? Build to Express provides the chance for grades 3 through 5 to use their creativity and building skills and create solutions to a given problem. Come have fun creating, building, and sharing during this summer camp. Space is limited to the first 15 campers so sign up today!

Kids Arts and Crafts Camp: Crazy Art
Ages 9-12
June 24-27, 2019
10:00AM - 12:00PM

Not your typical Art Class! Spend each day experimenting inside and outside with messy and fun materials.

BLAST Babysitting
Ages 11-14
July 19, 2019
9:00AM - 3:30PM

The Blast (Babysitting Lessons & Safety Training) Program is an exciting and interactive course that teaches participants how to set up and run their own babysitting business, how to handle the basics of childcare, how to react responsibly to medical emergencies and injuries, how to preform first aid for common childhood injuries and illnesses and how to entertain children with a variety of activities. Participants will complete Heartsaver Family and Friends CPR and receive a CPR course participation card. During the course students will also make first aid kits and baby sitter busy bags filled with activities and games to use while babysitting. This class is open to student's age 11 – 14 years of age. Enrollment is limited.

Sigourney

Sigourney Service Center/Academy
909 E. Pleasant Valley, Sig., Iowa

Entrepreneurship Camp: Let's Get Slimed
Ages 10-13
July 23, 2019
9:00AM - 2:00PM

Come have the slime of your life at Entrepreneurship Camp! In this one-day camp, we will go through the steps necessary to start your own slime business. From naming the company and creating a logo and marketing plan to mixing up some slime and packaging and selling it, we will take you through it all.

Entrepreneurship Camp is open to kids ages 10-13 years old. Please bring a lunch it will not be provided, and we will end the day by setting up shop and selling our slime! Campers will be transported to the main campus to set up shop and can be picked up in the IHCC Sigourney Service Center/Career Academy at the end of the day.

Bubbles, Bubbles & More Bubbles
Grades 1-5 (Limit of 20)
July 30, 2019
2:00PM - 4:00PM

Come find out how to make your own bubbles! In this 2 hour camp, we will discover the science behind bubbles, make our own bubbles to take home and have some fun creating different shapes with bubbles. We will also attempt to make a bubble inside of a bubble.

For a complete list of camps visit the Youth Camp tab on the Continuing Education web page. www.indianhills.edu/cews

Girls Exploring Math & Science

G.E.M.S. SUMMER TECH CAMP

JULY 18 & 19, 2019 or JULY 25 & 26, 2019

Explore science, technology, math, and engineering while having fun on a college campus! Girls will have the opportunity to explore college programming through a variety of hands-on activities. They will meet with professional women working in the science, technology, engineering, and math fields as well as create, explore and discover through S.T.E.M. (Science, Technology, Engineering, Math) projects!

This camp is being funded through corporate sponsors, so there is **no cost** to participants. Registration will be limited to the first 50 students for each session. The camp will be held in the Advanced Technology Center on the Indian Hills' Ottumwa Campus from 9:00AM to 3:00PM. It is open to female students finishing the 3rd, 4th or 5th grades.

G.E.M.S. PHILOSOPHY

Let the girls take the lead
Do the S.T.E.M. activities - don't just talk about them
All girls have the potential to be interested in S.T.E.M. - this is not just for girls identified as gifted
Experience-repeat-experience success in a non-risky environment
All girls can have fun and learn
You can't break it - this is especially important in technology
Dream big - there is nothing you cannot try
Get messy and stop the 'ick' factor
Draw out the quiet girl who holds back

INDIANHILLS
COMMUNITY COLLEGE

Life. Changing.