

# ED'VENTURE CAMP 2022

Illinois Valley Community College

Discover | Learn | Explore



8 weeks of  
**NON-STOP fun**

In-Person Programs on Campus | 2-4

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Learn new things. Meet new friends. Explore new experiences.

Ed' Venture Camp at Illinois Valley Community College can expand your child's horizons with fun and educational offerings.



# WEEKLY CAMPS | June - July | on campus

NEW for 2022!

## Sports in the News...paper

[Ages: 7-9]

Class ID: 4368

What's black and white and red all over? A newspaper! Using only two materials, are you up for the challenge to try and create a mini-golf game? Or how about basketball or baseball? If successful, why not try your hand at creating a chair or stand to relax after playing these games. Flex your thinking muscles by using all the components of STEM. Take home your creations and challenge your family to some newspaper sports! [1 week-2 sessions]

Mon-Tue Jun 13-14 9 a.m.-12 p.m.  
Room: CTC-123 Brittany Culjan \$49



NEW for 2022!

## Make a Splash! Mermaid Magic

[Ages: 9+]

Class ID: 4353

We will make a splash with this imaginative painting! This painting class is designed just for kids and includes an 11" x 14" canvas and all art supplies. Join IVCC instructor Lucy Schmidt to create this multi-media piece using acrylic paint, gems and sequins. Your finished canvas will be 11" X 14" and ready for display!

**Please bring: a snack, bottle of water and paint smock or shirt.** An afternoon session of this class may also be added. [1 week-1 session]

Wed Jun 22 10 a.m.-12 p.m.  
Room: CTC-123 Lucy Schmidt \$35

NEW for 2022!

## Ice Cream Painting on Canvas

[Ages: 6+]

Class ID: 4352

You scream. I scream. We all scream for ice cream! Let's get painting! Join IVCC instructor Lucy Schmidt to create a canvas painting of everyone's favorite summer time treat! We will be using acrylic paint. Your finished canvas will be 11" x 14" and ready for display! **Please bring: a snack, bottle of water and paint smock or shirt.** An afternoon session of this class may also be added. [1 week-1 session]

Tue Jun 14 10 a.m.-12 p.m.  
Room: CTC-123 Lucy Schmidt \$35

NEW for 2022!

## Kids in the Kitchen Fun with Frosting!

[Ages: 9+]

Class ID: 4375

Bring your sweet tooth! Enjoy the simple pleasure of a yummy cupcake topped with fluffy, sweet frosting! Learn to create beautifully decorated cupcakes using buttercream frosting and simple piping techniques like stars, petals and ruffle to make colorful designs. Experiment with fondant and using it as toppers to make fun, unique cupcake designs. Ingredients and decorating supplies provided. Chef Sara will also throw-down a cupcake challenge! See who can recreate the chef's challenge! [1 week-1 session]

Wed Jun 15 10 a.m.-12 p.m.  
Room: CTC-123 Sara Fitzpatrick \$55



NEW for 2022!

## Pixels & Painting Art for Gamers

[Ages: 8+]

Class ID: 4373

Young artists can take their passion for art and video games to the next level as they create unique masterpieces that imitate the design of characters from their favorite games. Start the morning with creating an acrylic painting of the popular Squirtle character from Pokemon. Later we will turn our students into Minecraft characters while creating a pixel art Minecraft Selfie. **Please bring: a snack, bottle of water and paint smock or shirt.** [1 week-1 session]

Thu Jun 23 9-11:30 a.m.  
Room: CTC-123 Vanessa Goslin \$35



NEW for 2022!

## S'more Camp, Please!

[Ages: 5-7]

Class ID: 4377

Nurture your child's sense of wonder and curiosity with activities that help them connect to nature! Give your 'super sleuth' a chance to uncover the wonders of the natural world through play, exploration, games and crafts! We will participate in a nature hunt, story time, marshmallow painting and even make s'mores from a DIY camping oven! *Campers should bring a sack lunch that does not need to be refrigerated.* [1 week-1 session]

Tue Jun 21 10 a.m.-2 p.m.  
Room: CTC-215 Jyllian Ossola \$49

Questions? Ready to Register? Call 815-224-0427 | Enroll Online [ivcc.edu/summercamp](http://ivcc.edu/summercamp)

## CAD 4 Kids 3D Printing

[Ages: 9-12]

Class ID: 4366

Experience the digital design world and bring your ideas to life! Join us for this hands-on computer aided design (CAD) class where students will be introduced to professional-level modeling software that will allow them to create all types of unique designs and projects. **Students will then be given a final project that they will have the opportunity to print, using IVCC's state of the art 3D printer!**

[1 week-4 sessions]

Mon-Thu Jun 27-30 1-4 p.m.  
Room: CTC-119 Mary Smith \$89

NEW for 2022!

## Paint & Draw Mythical Creatures

[Ages: 8+]

Class ID: 4374

Let your imagination carry you away! We will explore the wonderful & exciting world of mythical creatures! We will use a variety of different mediums including watercolor paint and oil pastels to create a painting of a reptilian dragon eye. You will also put your drawing skills to work as we create cartoon unicorn characters. Happy unicorn? Magical unicorn? Angry unicorn? It's up to you to decide! **Please bring: a snack, bottle of water and paint smock or shirt.** [1 week-1 session]

Mon Jun 27 9-11:30 a.m.  
Room: CTC-123 Vanessa Goslin \$35

NEW for 2022!

## Kids in the Kitchen Junior Chef

[Ages: 9+]

Class ID: 4376

Chef Sara is back this summer to teach junior chefs a variety of skills including how to read simple recipes, create a balanced plate and work safely. Ramen has quickly become an American favorite! We will learn how to make a kid-friendly version during camp and experiment with flavorful ingredients. Learn to make a gourmet grilled cheese on the stove top by adding some unique ingredients. Learn oven safety while we make home-made chicken nuggets. Don't worry, we won't forget everyone's favorite - dessert!

[1 week-1 session]

Wed Jun 29 10 a.m.-12 p.m.  
Room: CTC-123 Sara Fitzpatrick \$55



## YouTube® Content Creators

[Ages: 9+]

Class ID: 4361

*Back by popular demand!* Find your voice and leave your mark on the world! It's time to start a career as the next YouTube star. Explore the variety of content and personalities that exist on YouTube and how to find your own niche. Learn the Dos and Don'ts of the platform and how to practice good digital citizenship.

Develop your on-camera presence, your own channel branding, and professional editing skills. Take home a plan for launching your own channel with the content created in class! **Projects will be available on a Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years.** [1 week-4 sessions]

Mon-Thu Jul 11-14 9 a.m.-12 p.m.  
Room: CTC-208 Kate Young \$169

NEW for 2022!

## Safari Sloth on Canvas

[Ages: 6+]

Class ID: 4354

Everyone loves the sleepy sloth! Paint class is designed just for kids and includes an 11" x 14" canvas and all art supplies. Join IVCC instructor Lucy Schmidt to create a canvas painting of everyone's favorite tropical creature! We will be using acrylic paint. Your finished canvas will be 11" X 14" and ready for display!

**Please bring: a snack, bottle of water and paint smock or shirt.** [1 week-1 session]

Tue Jul 12 10 a.m.-12 p.m.  
Room: CTC-123 Lucy Schmidt \$35



NEW for 2022!

## Fire it Up! Get Creative with Clay

[Ages: 8-11]

Class ID: 4393

Learn about the world of clay. We will explore texture, shape and color to create and paint hand-built clay sculptures. Students can create bowls, mugs, animal sculptures and more! Students will also get the chance to learn about the science and history of clay and ceramic firing as well as see a pottery wheel demonstration. No experience needed. *You will create and underglaze your finished piece. We will kiln fire and clear glaze the finished pieces, and they will be ready for pick up approximately one month after our class.* [1 week-1 session]

Wed Jul 13 10 a.m.-12 p.m.  
Room: B-101 Cassandra Schifano \$65

NEW for 2022!

## Ahoy! Ye Mermaids & Pirates

[Ages: 5-7]

Class ID: 4378

Nurture your child's sense of wonder and curiosity with activities that help them connect with their imagination! We'll learn how to talk, play games and hunt for treasure like a pirate. Participate in a fizzing treasure science experiment, craft time and story time. *Campers should bring a sack lunch that does not need to be refrigerated.* [1 week-1 session]

Thu Jul 14 10 a.m.-2 p.m.  
Room: B-216 Jyllian Ossola \$49

NEW for 2022!

## Sweet as Can Bee Gnome Painting

[Ages: 9+]

Class ID: 4355

What's the buzz all about? Join IVCC instructor Lucy Schmidt to create an acrylic painting of a summer gnome. We will be adding silk flowers and bumblebees to the finished canvas to create a 3D multi-media effect. Your finished canvas will be 16" x 20" and ready for display! *Please bring: a snack, bottle of water and paint smock or shirt.*

Wed Jul 20 10 a.m.-12 p.m.  
Room: CTC-123 Lucy Schmidt \$35

Questions? Ready to Register? Call 815-224-0427 | Enroll Online [ivcc.edu/summercamp](http://ivcc.edu/summercamp)

NEW for 2022!

## YouTube® FX Masters

[Ages: 9+]

Class ID: 4362

In the digital age, nothing is impossible! Become a master of illusion by learning the techniques used by Hollywood masters to create FX magic. Whether you want to enhance your YouTube videos or create a cool scene to amaze your friends; this class teaches the tools you need. Experiment with visual effects as you learn the dynamics of camera angles, editing, graphic layering and sound effects. Then watch as your new creations take your channel content to the next level! **Student projects will be available on a password protected Black Rocket website to share with friends and family.**

[1 week-4 sessions]

Mon-Thu Jul 18-21 9 a.m.-12 p.m.  
Room: CTC-208 Kate Young \$169

NEW for 2022!

## No-Bake Snacks & Desserts

[Ages: 7-11]

Class ID: 4390

Mom or Dad won't let you near the stove unless they are around? No problem! We'll teach you how to make delicious snacks and desserts without heating up the kitchen! We'll make both Watermelon and Apple Doughnuts, Freezer Pies and Smear Shakes and a few other surprises! We will learn safe kitchen practices and will be using hand mixers, blenders and food processors in class. We will be discussing the importance of ingredients including an in-depth look the importance of different types of salt used in recipes. *Students will receive a supply list of items to bring to class approximately one week prior to camp.* **Allergen Alert: Please note that many recipes use nuts, peanuts and/or coconut in this class.**

[1 week-1 session]

Thu Jul 21 11 a.m.-1 p.m.  
Room: CTC-123 Jill Hejl \$55

## In-Person Camp Procedures:

IVCC is currently a mask optional campus.

Parents will receive communication prior to each camp regarding current IVCC Health & Safety procedures in place on campus.

NEW for 2022!

## Camp Kindness

[Ages: 8+]

Class ID: 4391

We are excited to announce Camp Kindness for 2022! Camp Kindness is a fun and interactive place for children to learn about kindness, compassion and the feelings of others - people and pets!! Our time will be filled with activities to build spirit with a focus on community building, and perhaps a mystery guest or two. Each day we will include a service project that will be donated to local non-profit organizations such as making tug toys for dogs and lap blankets for seniors. Participate in character building activities, team building, awareness and problem solving. Together, we will brainstorm ways we can make a difference and practice acts of kindness in our communities. [1 week-3 sessions]

Tue-Thu Jul 26-28 9 a.m.-12 p.m.  
Room: B-216 Jyllian Ossola \$69



NEW for 2022!

## Science "FUN"amentals

Sponsored by Carus®

[Ages: 6-8]

Class ID: 4358

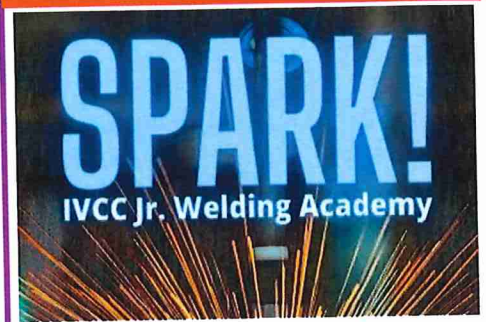
Discover the "fun"amentals of science with two professional chemists from Carus. Together, we will explore the states of matter, review basic lab safety rules, and discuss the process of the scientific method. Each camper will conduct a special experiment and participate in some very cool challenges, testing these methods. *A portion of this camp is sponsored by Carus.*

[1 week-1 session]

Tue Jul 26 10 a.m.-12 p.m.  
Room: B-101 Rachel Dawson-Hince & Akila Karunanayake \$19



## TEEN Career Camps



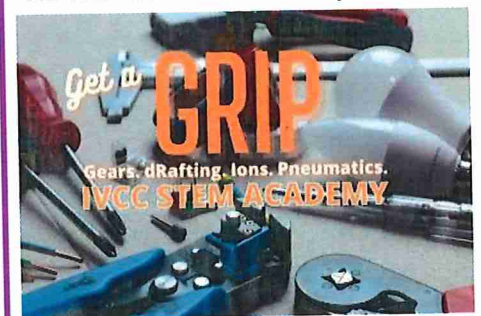
## Jr. Welding Academy

[Ages: 13-17]

Class ID: 4367

Explore career opportunities and requirements to be a professional welder and metal fabricator. Students will study basic MIG welding, safety, basic manufacturing processes and basic print reading skills. *Bring a sack lunch.*

Tue-Thu Jun 21-23 8 a.m.-2 p.m. \$69



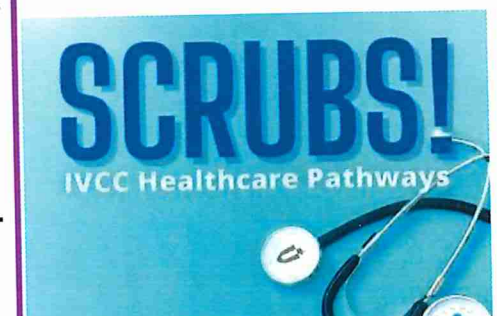
## IVCC STEM Academy

[Ages: 13-17]

Class ID: 4365

Learn about STEM careers and the experience and education needed to fulfill your career goals. This interactive, 4-day, career exploration camp will focus on occupations in electronics, computer aided drafting, automotive and industrial maintenance.

Mon-Thu Jun 27-30 8 a.m.-12 p.m. \$59



## Healthcare Pathways

[Ages: 13-17]

Class ID: 4360

Explore careers in the healthcare field. This interactive experience will focus on occupations in dental health, emergency medical services, pharmacy and nursing.

Mon-Thu Jul 11-14 9 a.m.-12 p.m. \$49

Questions? Ready to Register? Call 815-224-0427 | Enroll Online [ivcc.edu/summercamp](http://ivcc.edu/summercamp)

## Virtual STEAM Camps Learn. Create. Engage!

Discover cutting-edge courses in coding, game design, programming and more.



We are pleased to announce we will be providing virtual STEAM camps starting June 6 in partnership with Black Rocket.

### Here's what you can expect at our STEAM camps:

- Live classes led by top teachers
- Small break out sessions with coaches
- Epic customer support
- Safe. Fun. Learn...in that order!

Virtual classrooms will run Monday through Friday with live instructors, with the exception of camps meeting the week of July 5-8. In addition to the instructor, each class will have small break out groups with live Black Rocket Coaches. Choose from age-appropriate classes in both the morning and afternoon.

To see the full summer schedule of virtual classes, please click the link below:

[blackrocket.com/online/ivc/](http://blackrocket.com/online/ivc/)

Parents: Look for an email the week before each virtual camp with instructions.

\*\*Please pay careful attention to the tech specs for each course when registering to ensure your child's computer is compatible with the course you select.\*\*

Here is what a parent had to say...

*"There is one VERY happy camper in our house. And one very happy Mom."*

*"We wanted to tell you how impressed we are with the instructors. They were patient, knowledgeable and incredibly helpful."*

### WEEK ONE | JUNE 6-10



#### Minecraft Modders

Customize your own Minecraft world and mod the classic game in this one of a kind class. Learn scripting and logic statements as you create your first mods. Students will create a wide variety of new elements, gameplay mechanics, and world generating mods to change the way you play Minecraft. Projects will be available on a password protected Black Rocket website to share with friends and family. **Students must own a Java version of Minecraft to take this class.** Tablet, phone, and game console versions of Minecraft are not compatible. Returning students can create more advanced projects that build on previous years. [1 week-5 sessions] **\$169**



#### ROBLOX Makers

Unlock the power of ROBLOX® Studio, the world creation tool used by real-world ROBLOX® developers! Learn how to build 3D models and create an adventure in your ROBLOX® world. Bring characters to life with unique animations you design. **Student created projects will be available on a password protected Black Rocket website to share with friends and family.** [1 week-5 sessions] **\$169**  
*\*Compatible with MAC and Windows OS only.*

### WEEK TWO | JUNE 13-17



#### Codebreakers

Calling all future coders, programmers, & 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. Returning students can create more advanced projects that build on previous years.** [1 week-5 sessions] **\$169**  
*\*Compatible with MAC, Windows and Chrome OS.*



#### Updated! Minecraft Redstone Engineers

Take the next step beyond simply "playing" Minecraft and become a true Redstone engineer. Expand your Redstone knowledge by constructing your own carnival with a variety of mini-games, roller coasters, and attractions powered by Redstone. Learn how to use Command and Structure blocks to incorporate them into your builds. Activate your skills and take your Minecraft structures to the next level! **Students must own a Java version of Minecraft to take this class.** Tablet, phone, and game console versions of Minecraft are not compatible. [1 week-5 sessions] **\$169**  
*\*Compatible with MAC & Windows OS only.*

# Online Technology Camps |

register at [www.blackrocket.com/online/ivc/](http://www.blackrocket.com/online/ivc/)

WEEK TWO | JUNE 13-17



## Battle Royale: Make Your First Fortnite Style Video Game

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. Students can participate in eSports League matches against other schools across the country with a chance to have their levels featured in the Black Rocket master build of the game! 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.**

[1 week-5 sessions] **\$169**

*\*Compatible with MAC & Windows OS only & requires a 64-bit operating system.*



## YouTube Content Creators

Find your voice and leave your mark on the world! Whether you are six or sixty, it's time to start a career as the next YouTube star. Explore the variety of content and personalities that exist on YouTube and how to find your own niche. Learn the Dos and Don'ts of the platform and how to practice good digital citizenship. Develop your on-camera presence, your own channel branding, and professional editing skills. Take home a plan for launching your own channel with the content created in class! Student projects will be available on a password protected Black Rocket website to share with friends and family.

[1 week-5 sessions] **\$169**

*\*A webcam is required for this course and it is compatible with MAC and Windows OS.*

WEEK THREE | JUNE 20-24



## 3D Game Design with Unity

Are you ready to take your game design skills to another level? With Unity, an industry-grade design software, aspiring game designers will learn level editing, 3D modeling, impactful gameplay creation, as well as how to utilize scripts and variables.

**Student-created games will be available on a password protected Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years.**

[1 week-5 sessions] **\$169**

*\*Compatible with MAC and Windows OS only and requires a 64-bit operating system.*



## Updated! Minecraft® Designers

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 a new software to design your very own objects, how to build with Redstone and Command blocks, and create custom textures for you to import at home or share with friends.

**Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. Parent email address is required to use 3D modeling software.**

**Returning students can create more advanced projects that build on previous years.** [1 week-5 sessions] **\$169**

*\*Compatible with MAC and Windows OS only.*

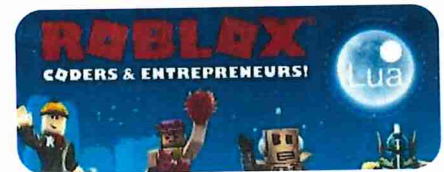
WEEK THREE | JUNE 20-24



## Python Programmers

Want to learn the world's fastest-growing programming language favored by Google, NASA, Youtube, and the CIA? Learn how to code with Python to create engaging apps and games. Each lesson takes you step-by-step on a programming path that will let you challenge friends with fun content you create from start to finish! **Returning students can create more advanced projects that build on previous years.**

[1 week-5 sessions] **\$169** *\*Compatible with MAC, Windows and Chrome OS.*



## ROBLOX® Coders & Entrepreneurs!

Discover the Lua language through a visual block coding system while 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.**

[1 week-5 sessions] **\$169**

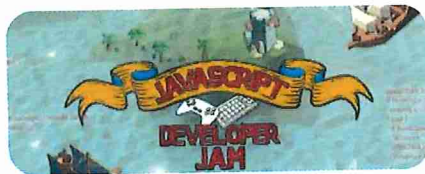
*\*Compatible with MAC and Windows OS only.*

## WEEK FOUR | JUNE 27-JULY 1



### Code Your Own Adventure! Interactive Storytelling

Watch as the characters in your imagination come to life in this unique course that blends classic storytelling with animation techniques and coding. Start with a concept, design the characters, and choose not just one ending, but many! Learn how to create your own text-based adventure games with variables, conditional logic, images, HTML, CSS, and Twine scripting syntax. Student projects will be available on a password protected Black Rocket website to share with friends and family. [1 week-5 sessions] **\$169**  
*\*Compatible with MAC, Windows and Chrome OS.*



### Javascript Developer Jam

Learn programming tools so powerful they seem like magic! Start off by learning an array of core programming concepts with JavaScript by experimenting in a series of digital challenges. Start with programming your first animated memes, then tackle more advanced skills such as interactive 3D experiences and game creation. **Projects will be available on a password protected Black Rocket website to share with friends and family.** [1 week-5 sessions] **\$169**  
*\*Compatible with MAC, Windows and Chrome OS.*

## WEEK FOUR | JUNE 27-JULY 1



### Make Your First 3D Video Game!

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 projects will be available on a password protected Black Rocket website to share with friends and family projects are only compatible with Windows devices.**

[1 week-5 sessions] **\$169**

*\*Compatible with Windows OS only, only and requires a 64-bit operating system.*



### NEW! YouTube FX Masters

In the digital age, nothing is impossible! Become a master of illusion by learning the techniques used by Hollywood masters to create FX magic. Whether you want to enhance your YouTube videos or create a cool scene to amaze your friends; this class teaches the tools you need. Experiment with visual effects as you learn the dynamics of camera angles, editing, graphic layering, and sound effects. Then watch as your new creations take your channel content to the next level! **Student projects are available on a password protected Black Rocket website to share with friends and family.** [1 week-5 sessions] **\$169**

*\*A webcam is required, compatible with MAC and Windows OS only, and requires a 64-bit operating system.*

## WEEK FIVE | JULY 5-8

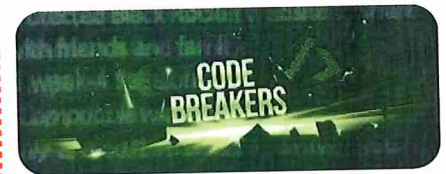


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[1 week-4 sessions] **\$135**

*\*Compatible with MAC and Windows OS only & requires a 64-bit operating system.*



### Codebreakers

Calling all future coders, programmers, & 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, 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. Returning students can create more advanced projects that build on previous years.**

[1 week-4 sessions] **\$135** *\*Compatible with MAC, Windows and Chrome OS.*

WEEK FIVE | JULY 5-8



## Updated! Minecraft Redstone Engineers

Take the next step beyond simply "playing" Minecraft and become a true Redstone engineer. Expand your Redstone knowledge by constructing your own carnival with a variety of mini-games, roller coasters, and attractions powered by Redstone. Learn how to use Command and Structure blocks to incorporate them into your builds. Activate your skills and take your Minecraft structures to the next level! **Students must own a Java version of Minecraft to take this class.** Tablet, phone, and game console versions of Minecraft are not compatible.

[1 week-4 sessions] **\$135**

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## YouTube Content Creators

Find your voice and leave your mark on the world! Whether you are six or sixty, it's time to start a career as the next YouTube star. Explore the variety of content and personalities that exist on YouTube and how to find your own niche. Learn the Dos and Don'ts of the platform and how to practice good digital citizenship. Develop your on-camera presence, your own channel branding, and professional editing skills. Take home a plan for launching your own channel with the content created in class! Student projects will be available on a password protected Black Rocket website to share with friends and family.

[1 week-4 sessions] **\$135**

*\*A webcam is required for this course and it is compatible with MAC and Windows OS.*

WEEK SIX | JULY 11-15



## 3D Game Design with Unity

Are you ready to take your game design skills to another level? With Unity, an industry-grade design software, aspiring game designers will learn level editing, 3D modeling, impactful gameplay creation, as well as how to utilize scripts and variables.

**Student-created games will be available on a password protected Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years.**

[1 week-5 sessions] **\$169**

*\*Compatible with MAC and Windows OS only and requires a 64-bit operating system.*



## Inventor's League Prototyping for the Future!

Learn 'rapid prototyping' and problem solving as you conceptualize and design a product to solve a critical global issue. Each day begins with inspirational profiles of young inventors, such as the eleven-year-old who coded a robot to find victims of natural disasters. Next, research a problem to tackle in medicine, architecture, the environment, or a topic of your choosing. Once your vision is complete, learn how to draft 2D designs, create 3D models and develop a website to pitch your ideas to the class. **Student projects will be available on a password protected Black Rocket website to share with friends and family.** [1 week-5 sessions] **\$169** *\*Compatible with MAC and Windows OS only.*

WEEK SIX | JULY 11-15



## Video Game Animation

Take your game design skills to the next level by creating and animating your own character sprites, objects, and backgrounds. Start with a name, develop the character's personality, signature moves, special powers, and a storyline. Finish with a fully animated character to be used in your very own game. Students do not need any prior experience in game design, animation, or sketching.

**Student-created games will be available on a password protected Black Rocket website to share with friends and family.**

[1 week-5 sessions] **\$169**

*\*Compatible with Windows OS only.*



## Python Programmers

Want to learn the world's fastest-growing programming language favored by Google, NASA, Youtube, and the CIA? Learn how to code with Python to create engaging apps and games. Each lesson takes you step-by-step on a programming path that will let you challenge friends with fun content you create from start to finish! **Returning students can create more advanced projects that build on previous years.**

[1 week-5 sessions] **\$169** *\*Compatible with MAC, Windows and Chrome OS.*



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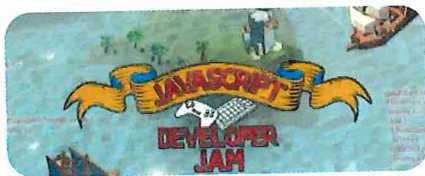
WEEK SEVEN | JULY 18-22



## Code Your Own Adventure! Interactive Storytelling

Watch as the characters in your imagination come to life in this unique course that blends classic storytelling with animation techniques and coding. Start with a concept, design the characters, and choose not just one ending, but many! Learn how to create your own text-based adventure games with variables, conditional logic, images, HTML, CSS, and Twine scripting syntax. Student projects will be available on a password protected Black Rocket website to share with friends and family. [1 week-5 sessions] **\$169**

*\*Compatible with MAC, Windows and Chrome OS.*



## Javascript Developer Jam

Learn programming tools so powerful they seem like magic! Start off by learning an array of core programming concepts with JavaScript by experimenting in a series of digital challenges. Start with programming your first animated memes, then tackle more advanced skills such as interactive 3D experiences and game creation. **Projects will be available on a password protected Black Rocket website to share with friends and family.** [1 week-5 sessions] **\$169**

*\*Compatible with MAC, Windows and Chrome OS.*

WEEK SEVEN | JULY 18-22



## Make Your First 3D Video Game!

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 projects will be available on a password protected Black Rocket website to share with friends and family projects are only compatible with Windows devices.**

[1 week-5 sessions] **\$169**

*\*Compatible with Windows OS only.*

*only and requires a 64-bit operating system.*

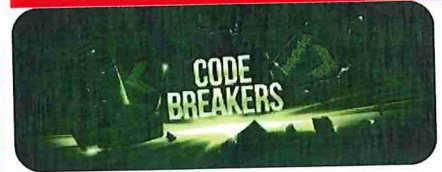


## Minecraft Modders

Customize your own Minecraft world and mod the classic game in this one of a kind class. Learn scripting and logic statements as you create your first mods. Students will create a wide variety of new elements, gameplay mechanics, and world generating mods to change the way you play Minecraft. **Projects will be available on a password protected Black Rocket website to share with friends and family. Students must own a Java version of Minecraft to take this class.** Tablet, phone, and game console versions of Minecraft are not compatible. Returning students can create more advanced projects that build on previous years.

[1 week-5 sessions] **\$169**

WEEK EIGHT | JULY 25-29



## Codebreakers

Calling all future coders, programmers, & 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, 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. Returning students can create more advanced projects that build on previous years.**

[1 week-5 sessions] **\$169** *\*Compatible with MAC, Windows and Chrome OS.*



## Inventor's League Prototyping for the Future!

Learn 'rapid prototyping' and problem solving as you conceptualize and design a product to solve a critical global issue. Each day begins with inspirational profiles of young inventors, such as the eleven-year-old who coded a robot to find victims of natural disasters. Next, research a problem to tackle in medicine, architecture, the environment, or a topic of your choosing. Once your vision is complete, learn how to draft 2D designs, create 3D models and develop a website to pitch your ideas to the class. **Student projects will be available on a password protected Black Rocket website to share with friends and family.** [1 week-5 sessions] **\$169** *\*Compatible with MAC and Windows OS only.*

WEEK EIGHT | JULY 25-29



## Updated! Minecraft® Redstone Engineers

Take the next step beyond simply “playing” Minecraft and become a true Redstone engineer. Expand your Redstone knowledge by constructing your own carnival with a variety of mini-games, roller coasters, and attractions powered by Redstone. Learn how to use Command and Structure blocks to incorporate them into your builds. Activate your skills and take your Minecraft structures to the next level! Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible.

[1 week-5 sessions] **\$169**

*\*Compatible with MAC and Windows OS only.*



## Video Game Animation

Take your game design skills to the next level by creating and animating your own character sprites, objects, and backgrounds. Start with a name, develop the character’s personality, signature moves, special powers, and a storyline. Finish with a fully animated character to be used in your very own game. Students do not need any prior experience in game design, animation, or sketching. Student-created games will be available on a password protected Black Rocket website to share with friends and family.

[1 week-5 sessions] **\$169**

*\*Compatible with Windows OS only.*

WEEK NINE | AUGUST 1-5



## 3D Game Design with Unity

Are you ready to take your game design skills to another level? With Unity, an industry-grade design software, aspiring game designers will learn level editing, 3D modeling, impactful gameplay creation, as well as how to utilize scripts and variables.

Student-created games will be available on a password protected Black Rocket website to share with friends and family. Returning students can create more advanced projects that build on previous years.

[1 week-5 sessions] **\$135**

*\*Compatible with MAC and Windows OS only and requires a 64-bit operating system.*



## Updated! Minecraft® Designers

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 a new software to design your very own objects, how to build with Redstone and Command blocks, and create custom textures for you to import at home or share with friends.

Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. Parent email address is required to use 3D modeling software.

Returning students can create more advanced projects that build on previous years. [1 week-5 sessions] **\$169**

*\*Compatible with MAC and Windows OS only.*

WEEK NINE | AUGUST 1-5



## Python Programmers

Want to learn the world’s fastest-growing programming language favored by Google, NASA, Youtube, and the CIA? Learn how to code with Python to create engaging apps and games. Each lesson takes you step-by-step on a programming path that will let you challenge friends with fun content you create from start to finish! Returning students can create more advanced projects that build on previous years.

[1 week-5 sessions] **\$169** *\*Compatible with MAC, Windows and Chrome OS.*



## ROBLOX® Coders & Entrepreneurs!

Discover the Lua language through a visual block coding system while 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.

[1 week-5 sessions] **\$169**

*\*Compatible with MAC and Windows OS only.*

# Online Technology Camps

register at [www.blackrocket.com/online/ivc/](http://www.blackrocket.com/online/ivc/)

WEEK TEN | AUGUST 8-12



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WEEK TEN | AUGUST 8-12



## ROBLOX Makers

Unlock the power of ROBLOX® Studio, the world creation tool used by real-world ROBLOX® developers! Learn how to build 3D models and create an adventure in your ROBLOX® world. Bring characters to life with unique animations you design. **Student created projects will be available on a password protected Black Rocket website to share with friends and family.**

[1 week-5 sessions] **\$169**

*\*Compatible with MAC and Windows OS only.*



## NEW! YouTube FX Masters

In the digital age, nothing is impossible! Become a master of illusion by learning the techniques used by Hollywood masters to create FX magic. Whether you want to enhance your YouTube videos or create a cool scene to amaze your friends; this class teaches the tools you need. Experiment with visual effects as you learn the dynamics of camera angles, editing, graphic layering, and sound effects. Then watch as your new creations take your channel content to the next level! **Student projects are available on a password protected Black Rocket website to share with friends and family.** [1 week-5 sessions] **\$169**

*\*A webcam is required, compatible with MAC and Windows OS only, and requires a 64-bit operating system.*

WEEK ELEVEN | AUGUST 15-19



## Battle Royale: Make Your First Fortnite Style Video Game

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. Students can participate in eSports League matches against other schools across the country with a chance to have their levels featured in the Black Rocket master build of the game! 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.**

[1 week-5 sessions] **\$169**

*\*Compatible with MAC & Windows OS only & requires a 64-bit operating system.*



## YouTube Content Creators

Find your voice and leave your mark on the world! Whether you are six or sixty, it's time to start a career as the next YouTube star. Explore the variety of content and personalities that exist on YouTube and how to find your own niche. Learn the Dos and Don'ts of the platform and how to practice good digital citizenship. Develop your on-camera presence, your own channel branding, and professional editing skills. Take home a plan for launching your own channel with the content created in class! **Student projects will be available on a password protected Black Rocket website to share with friends and family.**

[1 week-5 sessions] **\$169**



## Refund Policy

Students who cancel up to seven days prior to the start of the course receive a full refund. If a student needs to drop a summer camp the day of camp due to a medical reason, a full refund will be issued with provision of a doctor's note.

We look forward to seeing your best efforts! IVCC Summer Camp students are expected to behave in a positive and productive way so that all children in the classroom have an opportunity to learn. If a student demonstrates unsatisfactory behavior, parents will be notified. Should the behavior continue, IVCC staff reserve the right to dismiss a student from the program. No refund will be made.

## IVCC Health & Safety Guidelines

The safety of our campers and staff is our top priority and we take this responsibility very seriously. Our safety protocols and policies follow local county rules and incorporate the latest recommendations from the Illinois Department of Public Health & Center for Disease Control. Policies and procedures are subject to change prior to the start of camp as guidance evolves to fit the current situation. Registered families will receive updated communications prior to the start of camp.

Masks and Face Coverings are currently optional at all of our IVCC Campus locations and classrooms.

## IVCC Summer Camp 2022

Questions or Ready to Register?

Call: 815-224-0427

Online: [ivcc.edu/enroll](http://ivcc.edu/enroll)

Contact Us: [continuingeducation@ivcc.edu](mailto:continuingeducation@ivcc.edu)

Programs coordinated by IVCC Continuing Education Center, Oglesby, Illinois

