Summer Youth College 2019

Grades 3-5

June 10-14

ROBLOX® Coders & Entrepreneurs!

Course Description

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

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	8:30AM-12PM	Monday-Friday	Littleton Campus	$249.00

Battle Royale: Make Your First Fortnite® Style Video Game

Course Description

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.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

June 17-21

App Attack!

Course Description

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, students will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also 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. Students do not need to own a smartphone or tablet to take the class. Students will work in pairs or teams for most of the program.

Dates	Hours	Days	Campus	Price
June 17-21	8:30AM-12PM	Monday-Friday	Littleton Campus	$239.00

Minecraft© Designers

Course Description

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. 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.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

Fitness & Nutrition

Course Description

Learn the basics of nutrition and get your heart pumping at a healthy rate through play. Discuss healthy snack and nutrition options and practice exercises and games to keep you active. Students will learn why exercise is important at all age levels and why it's important to have a balanced diet. This camp will meet indoors and outdoors.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Painting and Photography

Course Description

Create your own large painted canvas and mount your photos on a mat board to take home! You will learn the secrets to creating through a lot of fun activities, including a field trip to Hudson Gardens. Please dress for painting, and bring a fully charged digital camera daily.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

June 24-28

Fun with Drones

Course Description

Do you think it would be cool to fly a drone? Learn about the science behind how drones fly and discover how they work. Practice drone safety while flying through obstacles and completing drone "missions" to hone your flying skills.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-28	8:30AM-12PM	Monday-Friday	Littleton Campus	$244.00

Keyboarding

Course Description

Can you type without looking at the keyboard? Learn accuracy and speed by using games to type words and short stories. Know your words per minute at the end of the class!

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-28	12:30-4PM	Monday-Friday	Littleton Campus	$199.00

Code Breakers

Course Description

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. Students will work in pairs or teams for most of the program.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-28	8:30AM-12PM	Monday-Friday	Littleton Campus	$239.00

Make Your First Video Game!

Course Description

If you love playing video games, this is the camp for you! Make your first video game in this one-of-a-kind class that shows you the keys to designing your first 2D platformer game. Conceptualization, play experience, level design, graphics, sounds, and simple coding are just some of the concepts that you will explore. No prior experience necessary, just a desire to have fun. Student created games will be available on a password protected Black Rocket website to share with friends and family. Games are

only compatible on PC computers, Mac versions can be created after the program for a $15.00 conversion fee. Students will work in pairs or teams for most of the program.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-28	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

July 8-12

Python Programmers

Course Description
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

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	8:30AM-12PM	Monday-Friday	Littleton Campus	$249.00

ROBLOX® Makers

Course Description
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. Students will work in pairs or teams for most of the program.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

July 15-19

Make Your First 3D Video Game!

Course Description
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.

Minecraft© Modders

Course Description

Use your favorite game to learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mods! Introductory coding will also be taught through a simulated environment inspired by Minecraft. Student 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. Tablet, phone, and game console versions of Minecraft are not compatible. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course Offerings

Dates	Hours	Days	Campus	Price
July 15-19	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

July 22-26

Virtual Reality: The Future is Now

Course Description

Embark on an EPIC adventure in virtual reality! You will learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, and crafting memorable 3D experiences. At the end of the week take home your first cardboard VR headset to show friends and family the new worlds you created. VR projects can be viewed on a website or a mobile device. Students do not need a mobile device to take the class, but to use the VR headset a camper will need access to an Android or Apple mobile device. Students will work in pairs or teams and VR projects will be available on a password protected Black Rocket website to share with friends and family.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	8:30AM-12PM	Monday-Friday	Littleton Campus	$256.00

3D Game Labs with Unity

Course Description

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. Students will work in pairs or teams for most of the program.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

Grades 6-8

June 10-14

Battle Royale: Make Your First Fortnite® Style Video Game

Course Description

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.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	8:30AM-12PM	Monday-Friday	Littleton Campus	$239.00

ROBLOX® Coders & Entrepreneurs!

Course Description

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

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	12:30-4PM	Monday-Friday	Littleton Campus	$249.00

Fitness and Nutrition

Course Description

Learn the basics of nutrition and get your heart pumping at a healthy rate! Discover how to read a food label, take your heart rate and practice exercises and games to keep you active. Students will learn why exercise is important at all age levels and why it's important to have a balanced diet. This camp will be held both indoors and outdoors.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Easy and Fun 3D Printing

Course Description

Watch your ideas come to life through 3D Printing! Learn about 3D printing technologies and how they are used. Discover different materials and print settings, slicing software and gcoding, and how to modify existing designs to create your own. Students will be introduced to the software: Tinkercad, Solidworks and Autocad for 3D modeling revision and design as well as model sharing websites: "Thingiverse" and "Grabcad". Take home samples of your work to show your family and friends!

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	12:30-4PM	Monday-Friday	Littleton Campus	$204.00

7 Habits of Highly Effective Teens

Course Description

Make friends and interact with others in this exciting camp, based on the book, "Seven Habits of Highly Effective Teens" by Sean Covey. Students will use this step-by-step framework to boost their self-esteem, improve communication in their relationships, resist peer pressure, discover time management and set goals. This is a two week camp.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-21	8:30AM-12PM	Monday-Friday	Littleton Campus	$391.00

Emergency Medical Services Academy

Course Description

Does helping people in emergency health challenges sound exciting to you? Discover what it's like to be an EMT. Experience first-hand training and skills needed to become an EMT by learning lifesaving skills such as: splinting, bleeding control and tourniquet applications. First Aid and CPR certification will be issued at the completion of camp.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	8:30AM-12PM	Monday-Friday	Littleton Campus	$219.00

Babysitter Training with AHA Pediatric CPR & First Aid Certification

Course Description

Are you ready to earn money babysitting? ACC's Emergency Medical Services Staff will guide you through how to keep children safe and entertained while in your care. Learn how to feed, burp, dress, carry and change a baby as well as develop a list of fun and safe activities to play. Know what to do in an emergency, First Aid and CPR certification will be issued at the completion of camp.

June 17-21

Myths and Monsters

Course Description
Discover the world of myths and monsters! Students will explore the fiction, folklore and poetry about monsters and mythical beasts, then create and revise their own literature piece.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Sports

Course Description
Are you interested in team sports? Discover the basic principles and skills required for many sports and then practice them. Learn about camaraderie and working together towards a common goal, being a "good sport" and have fun! This active camp will meet indoors and outdoors.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

The Science of Happiness

Course Description
Develop everyday strategies to increase well-being through positive psychology, the study of what makes people flourish in all areas of life. In this interactive class, learn how to turn stress into a tool, how to experience more emotions that are positive, improve self-satisfaction, how to maintain friendships, and listen/hear what others have to say.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

Cooking (Held At Heritage High School)

Course Description
This is an introductory level class on the fundamentals of cooking focusing on basic knife skills, measuring techniques and cooking methods. Each day will include a demonstration, preparation and cook time, and turn out. Students will work independently and with small groups in order to create delicious food.

Dates	Hours	Days	Campus	Price
June 17-21	8:30AM-12PM	Monday-Friday	Arapahoe High School	$214.00

The Science of Cooking (Held At Heritage High School)

Course Description

Chemistry meets art in the science of cooking. Discover through experiments which properties determine if something will taste delicious or disgusting and what makes fresh pie smell so good while learning precision in measurement, creative design, and basic chemistry principles.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	12:30-4PM	Monday-Friday	Arapahoe High School	$209.00

Minecraft© Designers

Course Description

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. 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.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	8:30AM-12PM	Monday-Friday	Littleton Campus	$239.00

App Attack!

Course Description

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, students will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also 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. Students do not need to own a smartphone or tablet to take the class. Students will work in pairs or teams for most of the program.

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June 24-28

Make Your First Video Game!

Course Description

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June 24-30	8:30AM-12PM	Monday-Friday	Littleton Campus	$239.00

Code Breakers

Course Description

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Course Offerings

Dates	Hours	Days	Campus	Price
June 24-30	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

American Sign Language

Course Description

Learn the basic vocabulary, structure and signs of ASL. Master the basics of finger spelling, numbers, colors, facial grammar and sentence structure. Develop a broad picture of language and cultural behaviors that will help you hold a beginning level conversation in ASL with deaf or hard of hearing native users of the language.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-30	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Healthy Habits

Course Description

Develop healthy eating and exercise habits in this interactive physical fitness based camp. Students will learn the ins and outs of different exercises and why physical fitness and a healthy diet is necessary for all ages. Activities will be performed indoors and outdoors.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-30	12:30-4PM	Monday-Friday	Littleton Campus	$194.00

Junior Reporters

Course Description

Do you like to investigate? Do you like to write stories about new things you have learned? This Junior Reporter camp will include the basics of developing news stories with a focus on quality and effective writing. Students will engage in hands-on practice of the profession such as developing story ideas and insightful questions. They will conduct interviews and take photos to compliment the story. Stories completed during the course will be published in the ACC online student newspaper, The Arapahoe Pinnacle.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-30	8:30AM-12PM	Monday-Friday	Littleton Campus	$199.00

Ukulele

Course Description

The uke is an engaging, fun and easy to pick up instrument. Learn to read standard sheet music and tablature, harmonize using chords, and understand a little music theory. Learn to play songs and write your own compositions. Explore tips for buying, tuning and maintaining your ukulele. No previous musical experience necessary!

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-30	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

July 8-12
ROBLOX® Makers

Course Description

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. Students will work in pairs or teams for most of the program.

Python Programmers

Course Description

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! Students will work in pairs or teams for most of the program.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	12:30-4PM	Monday-Friday	Littleton Campus	$249.00

Photography

Course Description

Do you enjoy taking pictures? Come be inspired and equipped to capture gorgeous images with your camera! Explore elements of design, composition, lighting, exposure and more! We will photograph at the beautiful Hudson Gardens and the surrounding areas of the ACC campus. Students will mount prints and decorate a display board to bring home. Bring a fully charged camera daily.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	8:30AM-12PM	Monday-Friday	Littleton Campus	$214.00

Painting

Course Description

Learn the secrets to creating beautiful art! We will explore composition, color theory, shading, brush strokes and more. Amidst the beautiful scenery of Hudson Gardens students will paint a water color image. Students will also paint a canvas with acrylic paints. Students will go home with two masterpiece paintings, inspiration and new skills. Please dress accordingly for painting.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	12:30-4PM	Monday-Friday	Littleton Campus	$244.00

Backyard Biologists

Course Description

Do you love nature? Discover the powers of observation as you learn how to track data on nature in your own backyard! Explore ecological principles, identification and science journaling. While learning

about the regional ecology of their neighborhood, students will also grow in appreciation for Colorado wildlife and habitats.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Robot Boot Camp with Sphero

Course Description

Have you seen or used the robotic Sphero? With this robotic ball of fun, you'll be able to fuse together skills like programming robotic toys, digital apps and entertainment experiences. Become a real life engineer in this interactive camp!

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	12:30-4PM	Monday-Friday	Littleton Campus	$299.00

Junior Police Academy

Course Description

Is a police officer your hero? Discover the life of a police office. Experience first-hand training and skills needed to become a law enforcement officer. Discover several aspects of the jobs such as: self-defense and arrest control tactics, evidence and crime scene processing, SWAT team operations, and firearms safety. Try on specialized equipment, collect shoe casts and process fingerprints. On Friday, invite your family to a graduation ceremony and receive your awards, patch and certificate!

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	8:30AM-12PM	Monday-Friday	Littleton Campus	$199.00

Improve Your Study Skills

Course Description

Do you need help studying? Discover how you learn best! Get ready for the new school year by learning strategies in listening, note-taking, test- taking, time management and more.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

July 15-19

Minecraft© Modders

Course Description

Use your favorite game to learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mods! Introductory coding will also be taught through a simulated environment inspired by Minecraft. Student 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. Tablet, phone, and game console versions of Minecraft are not compatible. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course Offerings

Dates	Hours	Days	Campus	Price
July 15-19	8:30AM-12PM	Monday-Friday	Littleton Campus	$239.00

Make Your First 3D Video Game!

Course Description

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.

Course Offerings

Dates	Hours	Days	Campus	Price
July 15-19	12:30-4PM	Monday-Friday	Littleton Campus	$239.00

Disc Golf

Course Description

Did you know disc golf started with people using Frisbees and aiming at targets that were made up of trees, trash cans, light poles, pipes and whatever else was handy? It is now one of the best lifetime fitness sports and has grown in popularity. Come learn how to play, or enhance your skills while learning more about the sport. This is an outdoor camp.

Course Offerings

Dates	Hours	Days	Campus	Price
July 15-19	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Miracle of Communication

Course Description

Learn to better appreciate, understand, and apply interpersonal communication skills. Gain a greater understanding in comprehending ourselves and others. Work in peer groups to formulate discussions and apply concepts to help you succeed in middle school and beyond.

Course Offerings

Dates	Hours	Days	Campus	Price
July 15-19	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

Elevate Camp

Course Description

This camp is for middle school children with special needs at mild to moderate levels. You must have a documented intellectual or developmental disability and be able to attend to personal care needs or provide a personal care attendant. You will meet new people and spend the week learning academic and life skills in a fun, supportive and safe environment. You will complete a new project each day reinforcing skills which you can take with you anywhere. You will also have the chance to explore what it looks like to be a student at Arapahoe Community College.

Course Offerings

Dates	Hours	Days	Campus	Price
July 15-19	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Mango Math Pre-Algebra I

Course Description

Pre-Algebra made fun and easy! Each individual lesson offers visual and kinetic representation of math concepts that develop strong math knowledge like; ratio, fractions, percent, integers, expressions, factors, exponents, etc. Every lesson is a games or activity that fosters curiosity, discussion and growth through cooperation, collaboration and creative thinking. MANGO Math adheres to Common Core, TEKS and NCTM math standards and is researched based.

Course Offerings

Dates	Hours	Days	Campus	Price
July 15-19	12:30-4PM	Monday-Friday	Littleton Campus	$224.00

July 22-26

2 Week Summer High School Prep: Math for Incoming 9th Graders

Course Description

Are you starting High school in the fall? Are you prepared to meet the new graduation guidelines for Math? This week long program will help you feel prepared for High School Algebra by front loading the foundational concepts of Algebra I. This class is designed to shore up existing learning gaps in order for you to feel comfortable and confident in a high school level Algebra I course. Students will also be

introduced to all of the new opportunities and challenges of navigating high school in a fun, safe and interactive environment. The time you take this summer to prepare for high school will help you be successful this fall!

Course Offerings

Dates	Hours	Days	Campus	Price
July 22 - August 2	8:30AM-12PM	Monday-Friday	Littleton Campus	$250.00

2 Week Summer High School Prep: English for Incoming 9th Graders

Course Description

Are you starting High school in the fall? Are you prepared to meet the new graduation guidelines for English? This week long program will help you feel prepared for High School English by front loading the foundational concepts of English Composition and Literature. This class is designed to shore up existing learning gaps in order for you to feel comfortable and confident in a high school level Algebra I course. Students will also be introduced to all of the new opportunities and challenges of navigating high school in a fun, safe and interactive environment. The time you take this summer to prepare for high school will help you be successful this fall!

Course Offerings

Dates	Hours	Days	Campus	Price
July 22 - August 2	12:30-4PM	Monday-Friday	Littleton Campus	$250.00

3D Game Labs with Unity

Course Description

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. Students will work in pairs or teams for most of the program.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	8:30AM-12PM	Monday-Friday	Littleton Campus	$239.00

Mango Math Sports Pre-Algebra II

Course Description

What better way to explore math than through sports! MANGO Math offers visual and kinetic representation of math concepts that develop strong math knowledge like; ratio, fractions, percent, integers, expressions, factors, exponents, through different sports. There are 17 separate sports from traditional Football and Basketball to Equestrian and Dance and much more. Every lesson is a games or activity that foster curiosity, discussion and growth through cooperation, collaboration and creative thinking. MANGO Math grade level math kit adheres to Common Core, TEKS and NCTM math standards and is researched based.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	12:30-4PM	Monday-Friday	Littleton Campus	$224.00

Art & Science Exploration for Middle School Scientists

Course Description

Science is all about exploration and discovery, so there is no better way to get excited about learning than with hands-on activities and science experiments. You will have a blast learning about the world around you while creating experiments that will put the power in your hands. Learn and grow with us this summer!

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	8:30AM-12PM	Monday-Friday	Littleton Campus	$204.00

Virtual Reality: The Future is Now

Course Description

Embark on an EPIC adventure in virtual reality! In this cutting-edge camp, you will learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, and crafting memorable 3D experiences. At the end of the week, take home your first cardboard VR headset to show friends and family the new worlds you created. VR projects can be viewed on a website or a mobile device. Students do not need a mobile device to take the class, but to use the VR headset a camper will need access to an Android or Apple mobile device. Students will work in pairs or teams and VR projects will be available on a password protected Black Rocket website to share with friends and family.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	12:30-4PM	Monday-Friday	Littleton Campus	$256.00

Grades 9-12

June 10-14

Improve Your Study Skills

Course Description

Have you ever thought you'd study harder if only you knew how? Discover how you learn best!   Get ready for the new school year by learning strategies in listening, note-taking, test-taking, time management and more.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Algebra I

Course Description

Do you need a review before Algebra II? You are not alone! We will cover inequalities, linear and quadratic equations, slopes, polynomials, expansion, function and radicals. Bring a calculator.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

Emergency Medical Services Academy

Course Description

Are you interested in Emergency Medicine? Experience what it is like to provide emergency care for people who have been injured or are experiencing a medical emergency. Students will learn lifesaving skills such as CPR, splinting, bleeding control and tourniquet application. Work with paramedics to care for patients experiencing strokes and heart attacks. Use equipment found in ambulances to help assess and care for patients. Learn the demands of the job, pay rates and what education is required. Camp taught by ACC's EMS Acadmey. First Aid and CPR certification will be issued at the completion of camp.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	12:30-4PM	Monday-Friday	Littleton Campus	$209.00

The Science of Happiness

Course Description

Develop every day strategies to increase positive well-being through positive psychology, the study of what makes people flourish in all areas of life. Learn how to turn stress into a tool, how to experience more emotions that are positive, how to make your relationships better and what it takes to like your future job/careers.

Course Offerings

Dates	Hours	Days	Campus	Price
June 10-14	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

College Research Skills

Course Description

Are you off to college in the next few years? Come get a jump start! ACC's awesome Research & Instruction Librarians, Lisa and Charlie will go over how to find, evaluate and use information to make you more confident in your ability to learn anything you want in your academic or personal life! Learn the foundational skills of research, resource evaluation, and fun citation methods to impress your future college professors.

Dates	Hours	Days	Campus	Price
June 10-14	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

June 17-21

Young Authors

Course Description

Love to write? This is a great opportunity for learning or sharpening existing writing skills across different genres and topics. Students will explore writing as a tool for self-expression and engage in the full writing process of drafting, writing, revising, editing and publishing. There will be opportunities for writing in small groups along with individual guidance from the instructor. Join us for this exploration in writing and work to create a publication highlighting student work from the week.

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	8:30AM-12PM	Monday-Friday	Littleton Campus	$199.00

The Miracle of Communication

Course Description

Learn to better appreciate, understand, and apply interpersonal communication skills. Gain a greater understanding for emotional and intellectual filters in comprehending ourselves and others. Work in peer groups to formulate discussions and apply concepts to help prepare you for college and the future!

Course Offerings

Dates	Hours	Days	Campus	Price
June 17-21	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

June 24 - 28

Urban Ecology

Course Description

Are you looking to boost your resume and college application? Learn about data tracking, identification, and synthesis as you participate as citizen scientists in local research done by universities in Colorado. Potential research topics would include bird counts, migration inventories, wildlife identification, or pollinator research.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-28	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Algebra II

Course Description

Need a math review? You are not alone! Review functions, factoring, graphing quadratics, exponents and radicals, geometric and arithmetic sequences, logs and exponents and matrices. Bring a calculator.

Course Offerings

Dates	Hours	Days	Campus	Price
June 24-28	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

July 8-12

Seven Habits of Highly Effective Teens

Course Description

Based on the book, "Seven Habits of Highly Effective Teens" by Sean Covey, learn organization strategies that will not only benefit your studies, but also your life. Explore some possibilities for improving your personal space to make room for more clear school goals. Improve your schoolwork by organizing your thought patterns and structuring your work habits. Focus on simplifying your life and keeping your attention on what is really important for your success.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-19	8:30AM-12PM	Monday-Friday	Littleton Campus	$391.00

Drawing for Cartooning and Manga

Course Description

Do you like to draw? Learn how your imagination comes alive and discover the methods of drawing behind cartooning and manga. Create your very own character as you discover how to convey shape, style, color, action and humor. Discover storytelling conventions utilized by professional illustrators while exploring the rich Japanese art form of manga and how to draw in this dynamic style.

Course Offerings

Dates	Hours	Days	Campus	Price
July 8-12	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

July 15-19

ACC's MakerSpace

Course Description

Do you like to build stuff with your hands? ACC's Makerspace will provide a hands-on, experimental learning space for construction management, studio art, STEM, and engineering graphics for students to create original prototype pieces of art. The space will include woodworking tools, electronics, 3D printers/scanners and miscellaneous hand tools. This is an all day camp.

July 22-26

SAT English

Course Description

Reduce your anxiety about the SAT! Learn or enrich the skills needed to score highly on the SAT critical reading and writing section. Students will be given 40 SAT words daily, as well as learn test-taking strategies.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

SAT Math Exam: Improve Your Scores

Course Description

Our motto is "control the test" and don't let the test control you. Cover over 50 math concepts in Arithmetic, Algebra, Geometry, and Probability while learning test-taking strategies.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	12:30-4PM	Monday-Friday	Littleton Campus	$189.00

Life Skills

Course Description

An incredibly useful class focusing on Self-Management skills, Verbal and Nonverbal communication, Listening, Etiquette, and Confidence. Prepare yourself to become a functional member of the community by acquiring the skills to be a successful person.

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	8:30AM-12PM	Monday-Friday	Littleton Campus	$189.00

Easy and Fun 3D Printing

Course Description

Watch your ideas come to life through 3D Printing! Join us to learn about 3D printing technologies and how they are used. Discover different materials and print settings, slicing software and gcoding and modifying existing designs to create your own designs from scratch. Students will be introduced to the software tinkercad, solidworks, and autocad for 3d modeling revision and design as well as open source model sharing websites such as "thingiverse" and "Grabcad". Take home samples of your work to show your family and friends!

Course Offerings

Dates	Hours	Days	Campus	Price
July 22-26	12:30-4PM	Monday-Friday	Littleton Campus	$204.00

IMPORTANT INFORMATION

Class Confirmations, Cancellations, and Changes

Confirmations will be sent to parents via email. If there is a change in a class status or a cancellation our office will contact you. The Workforce and Community Programs office reserves the right to cancel a class or change the date, time, and/or location. Classes may be canceled if there is insufficient enrollment, so please remember to register early.

Emergency Information and Consent Forms

An electronic Student Emergency Information and Consent Form will be available via a link on the welcome letter email sent to parents after the class registration has been processed. The Student Emergency Information and Consent form must be completed and signed prior to and/or on the first day of class. Students CANNOT attend class sessions without a completed and signed form. If a electronic form is not completed by the time of check in a paper copy of the Emergency Consent form must be filled out at the time of sign in.

Student Drop Off and Pick Up

First day check-in and student drop off and pick up procedures will be relayed in your welcome letter sent to the parent email. If you have any additional questions or concerns regarding the student drop off and pick up program please feel free to contact our main office at 303-797-5722.

Lunch Bunch

Lunch Bunch offers fun and interactive lunch time supervision for students that are participating in Summer Youth Program classes for the entire day. Elementary and Middle grade students attending a full-day of classes must register for this program. Students in grades 9-12 are not required to attend Lunch Bunch. The fee for Lunch Bunch is $10. Lunches are not included within this program. Please have your student bring their own lunch in an insulated lunch box.

Visitors in Classrooms

We do not allow visitors in the classes for safety and security reasons. Our staff members will be glad to help you or you may come directly to the Workforce and Community Programs office located in room A1215.

Drops and Refunds

To drop a class and receive a full refund, call the Workforce and Community Programs office at 303-797-5722 by noon the Wednesday before the class your student is registered for begins. Refunds will not be made after that time.

Dates for a refund are:

- Classes beginning June 10 must notify the WCP office by June 5
- Classes beginning June 17 must notify the WCP office by June 12
- Classes beginning June 24 must notify the WCP office by June 29
- Classes beginning July 8 must notify the WCP office by July 3
- Classes beginning July 15 must notify the WCP office by July 10
- Classes beginning July 22 must notify the WCP office by July 17