2016 SUMMER CAMPS

Reach Your Peak COLORADO

HIGH SCHOOL STUDENTS
MIDDLE SCHOOL STUDENTS
2016 SUMMER CAMPS

Western Colorado Community College and Colorado Mesa University support the growth and development of the youth in Western Colorado through offering many experiential hands-on learning experiences during the summer break for middle and high schools students. These interactive camp experiences explore many future career options for students, give them a jumpstart in learning technical programs, develop strong personal growth skills and are a lot of fun!

Through the generous support of the El Pomar Foundation, we are able to support these camps and make them affordable to all kids in the area. Through the Reach your Peak grant program more camps are being offered in 2016 than in any other year. We have a wide variety of camps that are fun and interesting. Be sure to review all of the different descriptions of camps in this catalog as you might find something you never thought about exploring before. Most of the camps are a week in length and in most weeks you can attend a camp in the morning hours and then a different one each afternoon! Camps fill quickly so please register as early as possible.

A limited amount of financial scholarships are available to help pay for these camps. Please give us a call at 970.255.2800 to discuss those options prior to registration and we can discuss what is available.

Learn more at reachyourpeakcolorado.org.

Register:

wccc.coloradomesa.edu/cec
970.255.2800

Financial Aid for Camps and Future College Study
Scholarships and financial assistance are available, enabling students to experience new career paths and follow their passions. Please call 970.255.2800 to discuss options available. Students who complete one or more summer camps and one or more concurrent courses may be eligible for a $2,000 scholarship each year for their first two years of college at CMU, WCCC, CMC and CNCC.

Reach Your Peak is a partnership between colleges in northwestern Colorado with the goal of creating excitement about learning that motivates students toward a bright future and further education. Partners include Colorado Mesa University, Colorado Mountain College, Colorado Northwestern Community College and Western Colorado Community College. The program is also supported by the Northwest Regional Council of El Pomar Foundation.
# CAMPS BY WEEK

The page number listed indicates the page the camp description is located.
- Middle School Camp, • High School Camp, • Middle and High School Camp

## MAY 23-27
- Babysitting Camp (two sessions), page 6
- Comic Book Creation, page 4
- Digital Photography from Click to Computer, page 4
- Modern Welding Technology, page 11

## JUNE 6-10
- Babysitting Camp (two sessions), page 6
- Hire Me First: Business Ethic and Career Training, page 8
- Intro to Arduinos, page 9
- IT Essentials, page 9
- Modern Welding Technology, page 11
- Navigating the Information Superhighway: Internet 101, page 10
- ProtoCamp, page 11
- Screenwriting from Concept to Clapboard, page 5
- Stop Motion Animation Magic, page 5

## JUNE 13-17
- 3D Animation and the Virtual World, page 4
- 3D Printing and 3D Modeling with CAD, page 10
- Babysitting Camp (two sessions), page 6
- The Love of the Egg: Level 1, page 6
- Hire Me First: Business Ethic and Career Training, page 8
- IT Essentials, page 9
- LEGO Robotics, page 11
- Video Storytelling, page 5
- You Think Differently: Understanding and Developing Multi-talents, page 8

## JUNE 20-24
- Auto Mechanic Camp, page 11
- Being a Special Effects Guru, page 4
- CSI @ CMU (June 21-24), page 6
- I Love the Egg: Level 1, page 6
- Introduction to the Internet of Everything, page 9
- Java Programming, page 10
- Hire Me First: Business Ethic and Career Training, page 8
- M*A*S*H Camp, page 7
- The Moving Art of 2D Animation, page 5

## JUNE 27 - JULY 1
- 3D Animation and the Virtual World, page 4
- 3D Printing and 3D Modeling with CAD, page 10
- Become a Master of “Web Fu”, page 8
- Intro to Video Game Design: Level 1, page 9
- Sweet Foods and Decorating Camp, page 7

## JULY 11-15
- Creative Writing, page 4
- Cooking Around the World: Level 2 (middle and high school sessions), page 7
- Finding the Voice Actor in You, page 5
- Intro to Video Game Design: Level 1, page 9
- Intro to Video Game Design: Level 2, page 9
- Introduction to the Internet of Everything, page 9

## JULY 18-22
- 3D Printing and 3D Modeling with CAD, page 10
- Build a 3D Printer!, page 11
- CCNA Routing and Switching, page 8
- Video Game Design: Level 3, page 9

Western Colorado Community College and Colorado Mesa University reserve the right to cancel courses, change subject matter, alter time schedules or make other changes deemed necessary.
ART AND DESIGN

3D ANIMATION AND THE VIRTUAL WORLD

Jump into a world of your own creation using a professional 3D animation program. You will model, texture and bring your own computer-generated creations to life.

Instructor: Hoffman
Fee: $100

Session One
Age Group: Middle School
Date: June 13-17
Time: 8:30am - 12:30pm

Session Two
Age Group: High School
Date: June 27 - July 1
Time: 1-5pm

BEING A SPECIAL EFFECTS GURU

Discover how the special effects seen in motion pictures and on television are created. Learn the essentials of compositing, how to add people into animated environments with green-screen keying, how to blow up a car the legal and safe way and much, much more!

Age Groups: Middle and High School
Instructor: McConnell
Fee: $100

Date: June 20-24
Time: 1-5pm

DIGITAL PHOTOGRAPHY FROM CLICK TO COMPUTER

Explore and share your vision from behind the lens. This camp will use DSLR cameras and Adobe Photoshop to produce pictures like a pro. We will experiment with artistic and technical tricks of the trade and host an end-of-session gallery opening to highlight your favorite pieces. You will be able to take home the start of your very own professional portfolio.

Age Groups: Middle & High School
Instructor: Meuwly
Fee: $100

Date: May 23-27
Time: 1-5pm

CREATIVE WRITING

This camp will cover setting, character development, plot structure, creating scene from narrative and revision. Students will create and revise a short story/novel chapter to share with the class on the last day.

Age Group: High School
Instructor: Weeks
Fee: $100

Date: July 11-15
Time: 1-5pm

COMIC BOOK CREATION

This camp will cover fundamental skills and techniques required to design and complete a hand-drawn comic book. Western, Japanese and alternative styles will be explored as students learn the process of transforming a script into storyboards and final inked product. Technical elements include framing and panel layout, shading techniques, inking with micron pen and dip pens and digital lettering.

Age Groups: Middle & High School
Instructor: Hoffman
Fee: $110

Date: May 23-27
Time: 8:30am - 12:30pm
**FINDING THE VOICE ACTOR IN YOU**

Have you ever wondered how you can become a voice in the next big cartoon? Would you like to add the world of animation, video games and commercials to your acting resume? This workshop is for you! Students will develop characters and find comedy with their voice, all while creating a dynamic performance.

**Age Groups:** Middle and High School  
**Instructor:** Hoffman  
**Fee:** $100  
**Date:** July 11-15  
**Time:** 8:30am - 12:30pm

---

**SCREENWRITING FROM CONCEPT TO CLAPBOARD**

Think you can write a better movie or TV series? Here a chance to find out. During the week-long camp you’ll find out how a screenplay is structured, you’ll generate strong characters and discover the importance of how they interact with their world. Best of all, you’ll learn the importance of writing from personal belief.

**Age Group:** High School  
**Instructor:** Meuwly  
**Fee:** $100  
**Date:** June 6-10  
**Time:** 1-5pm

---

**STOP MOTION ANIMATION MAGIC**

Animation is not only fun to watch, it’s fun to make! With stop motion animation, everything around you can come alive. In this camp we’ll explore the basics of animation and work together and in small groups to develop stories, build props and characters, animate them, create soundtracks and present to the world the amazing things we can do through the powers of stop motion.

**Age Groups:** Middle and High School  
**Instructor:** Hoffman  
**Fee:** $100  
**Date:** June 6-10  
**Time:** 8:30am - 12:30pm

---

**THE MOVING ART OF 2D ANIMATION**

Now’s the chance to take your drawing skills to a whole new level — making them move. Discover the fun of basic 2D animation with the latest computer software and experience the joy of seeing your creations come to life.

**Age Groups:** Middle and High School  
**Instructor:** Hoffman  
**Fee:** $100  
**Date:** June 20-24  
**Time:** 8:30am - 12:30pm

---

**VIDEO STORYTELLING**

Everybody is shooting digital video these days. Make the most of it in video editing summer camp! We will spend a week in a digital moviemaking environment and learn the tricks of the trade. You’ll write a script, shoot it and finally put your production together in a video editor. Lights, camera, action!

**Age Groups:** Middle and High School  
**Instructor:** Meuwly  
**Fee:** $100  
**Date:** June 13-17  
**Time:** 1-5pm

---

Western Colorado Community College and Colorado Mesa University reserve the right to cancel courses, change subject matter, alter time schedules or make other changes deemed necessary.
BABYSITTING

BABYSITTING CAMP

Be the best babysitter in your neighborhood! You will learn how to properly care for a child in case of emergencies, how to build your babysitting business, fun activities for the kids you’ll be babysitting and much more! You will walk away from this camp with newfound confidence, a Heartsmart First Aid and CPR Certification and Babysitters Certification from the Mesa County Health Department. This is a great opportunity to build your leadership skills, make new friends and gain some knowledge that will make you the first choice among babysitters this summer.

Age Group: 11-18 years old
Instructors: Heartsmart and Mesa County Health Depart.
Fee: $89

Session One
Date: May 23-27
Time: 8:30am - 12:30pm

Session Two
Date: May 23-27
Time: 1-5pm

Session Three
Date: June 6-10
Time: 8:30am - 12:30pm

Session Four
Date: June 6-10
Time: 1-5pm

Session Five
Date: June 13-17
Time: 8:30am - 12:30pm

Session Six
Date: June 13-17
Time: 1-5pm

CRIMINAL JUSTICE

CSI @ CMU

Experience crime scene investigation and forensic science with actual experts in the field as you discover the secrets of how crime scene investigators uncover hidden evidence. Learn about careful observation and collection of evidence, detection and interpretation of fingerprints, blood stain patterns, firearms identification, criminal investigation and court testimony in this three-day, hands-on intensive camp at CMU.

Age Group: 10th - 12th Grade
Instructor: Quimby
Fee: $120

Date: June 21-24
Times: 9am - 4pm (Tuesday - Thursday)
9am - 12pm (Friday)

CULINARY ARTS

THE LOVE OF THE EGG: LEVEL 1

Eggs dishes are, of course, mostly associated with breakfast or brunch. This week we want to explore the egg and all the dishes you can make with it. The chefs will teach techniques for boiling, poaching, sautéing and scrambling whole eggs properly. In the baking lab, we will make English muffins for the poached egg, angel food cake, breads and baked custard dishes. We’ll tackle dishes like Quiche Lorraine, frittatas, deviled eggs, French toast and crepes. Students will also make dishes to accompany the egg dishes, such as hash browns, salsa and pasta dishes. Come have some fun working with the egg.

Age Group: Middle School
Instructors: Henderson, McLennan
Fee: $120

Date: June 13-17
Time: 8:30am - 12:30pm

I LOVE THE EGG: LEVEL 1

The love of the egg is our theme for this week. Students will learn how to poach, sauté, scramble, make sauces and eggs benedict. Chefs McLennan and Henderson will put a little spin on the week by creating

Camp description continues on next page.
cooking around the world: level 2

Chef Camp Level II will be a week filled with different dishes from Italy, France, China and Mexico. Students will concentrate on Italy with different homemade pasta dishes, (lasagna and angel hair with creamed chicken and for dessert, lady finger tiramisu). Students will concentrate on France and make sweet and savory crepes, stuffed puff pastries with meat and veggies, French baguettes and a dessert of lace cookies with homemade ice cream. Students will concentrate on China making wontons with creamed crab, egg rolls, sweet and sour chicken and for dessert, almond cookies. Students will concentrate on Mexico making homemade corn tortillas for fish and meat tacos, guacamole with chips, chili rellenos and for dessert, tres leche cake. At the end of the week, students will choose a country to prepare and serve for their family.

Instructors: Henderson, McLennan
Fee: $120

sweet foods and decorating camp

How much fun would it be to decorate your own cookies, cupcakes and cake pops? This week we will work on techniques that build your creativity in design and art. We’ll make delicious cookies with tie-dye accents and hand-painted scenes and cupcake warriors with buttercream piping. We’ll sculpt characters and play with fondant flowers. Learn to be fancy with edible designs!

Instructor: Henderson
Fee: $120

heath sciences

M*A*S*H Camp

Our M*A*S*H Camp for middle school students was created to interest young adolescents in health careers and build basic skills common to all health careers (CPR, First Aid, Infection Control, etc.). There are four levels of M*A*S*H Camp, which enables students to advance their learning over four summers. This exciting, week-long day camp utilizes nursing faculty, students and many community members from various health professions to provide fun, hands-on learning. Students are exposed to a campus life, eating in the college dining hall and utilizing the recreation center.

Instructors: Reuss and other health sciences faculty
Fee: $150

Call Renae Phillips at 970.248.1235 to register for this camp.
HIRE ME FIRST: BUSINESS ETHIC AND CAREER TRAINING

Designed to take students on a journey of career exploration, workplace skill development and job place immersion that will put them first when it comes to applying with an employer. It is one thing to get a job, it is another thing to keep that job and excel in the work environment. Learn what it takes to be successful at work. Students today will need special, important skills to be successful in the 21st century. Are you prepared to cultivate these skills and step into your own unique role of leadership? Students may receive one high school elective credit for the class and, up to three high school elective credits for WorkKeys (with a higher level score).

Age Group: High School
Instructor: Smatla
Fee: $40 (includes all three weeks)

Week One
Date: June 6-10
Time: 9am - 12pm

Week Two
Date: June 13-17
Time: 9am - 12pm

Week Three
Date: June 20-24
Time: 9am - 12pm

YOU THINK DIFFERENTLY: UNDERSTANDING AND DEVELOPING MULTI-TALENTS

This is an opportunity to explore and understand what it its like to be a high ability, multi-talented individual. Discover what makes you tick, how you think differently, why things have you on edge. Learn what your talents are and how to make it all work. Potential students are self-identified, high ability multi-talents with or without learning disabilities or emotional/behavioral challenges. Prerequisites: Complete self-screening assessment for multi-talents prior to admission to class.

STEM: COMPUTERS

BECOME A MASTER OF “WEB FU”

Learn the secrets of creating your own extra-special website. You’ll get hands-on experience with the tools of web development, including programming in HTML and CSS. Discover how to create a website that will stand out and learn skills that you’ll continue to use for years to come!

Age Groups: Middle and High School
Instructor: McConnell
Fee: $100

Date: June 27 - July 1
Time: 1-5pm

CCNA ROUTING AND SWITCHING

This camp is a gateway to entry-level networking jobs and IT careers. The curriculum consists of Introduction to Networks, Routing and Switching Essentials, Scaling Networks and Connecting Networks.

Age Group: High School
Instructor: McGraw
Fee: $100

Date: July 18-22
Time: 1-5pm

wccc.coloradomesa.edu/cec  970.255.2800
INTRO TO ARDUINOS

Arduinos are inexpensive, easy to program microcomputers that have spawned thousands of new inventions. In this course, you will learn how to build and program a simple robotic car that uses an Arduino for its “brain.” At the end of the five-day camp, you will compete with other participants to see whose car can finish an obstacle course in the shortest amount of time. You get to keep your robot! No prior programming or electronics experience is necessary.

Age Group: Middle School
Instructors: Williams and Williams
Fee: $140

Date: June 6-10
Time: 8am - 12pm

INTRO TO VIDEO GAME DESIGN: LEVEL 1

Power up and find out what it takes to create a unique video game universe. Explore the basics of gameplay and game mechanics. Take on the role of interaction designer, graphic lead, software engineer or creative director. Build a game from paper prototype to playable demo. Beta test your original game and share it at an end-of-session game expo.

Age Groups: Middle and High School
Instructor: Cox
Fee: $110

Session One
Date: June 27 - July 1
Time: 8:30am - 12:30pm

Session Two
Date: July 11-15
Time: 8:30am - 12:30pm

INTRO TO VIDEO GAME DESIGN: LEVEL 2

In this exciting continuation of the Intro to Video Game Design: Level 1 class, you will delve further into the world of game development. We will spend the first few days going over past content while developing new skills. The second part of the week will be dedicated to a game jam where we make a game in two days. This class is for those who are dedicated and willing to learn about games and how they work.

Age Groups: Middle and High School
Instructor: Cox
Fee: $110

Date: July 11-15
Time: 1-5pm

VIDEO GAME DESIGN: LEVEL 3

Continue building on the foundation you started with levels one and two. In this class, we will delve even deeper into the technical aspects of programming for video games, as well as some animation and sound design.

Age Groups: Middle and High School
Instructor: Cox
Fee: $110

Date: July 18-22
Time: 8:30am - 12:30pm

INTRODUCTION TO THE INTERNET OF EVERYTHING

Introduction to the Internet of Everything (IoE) provides an overview of the concepts and challenges of the IoE economy. The course discusses the Internet and its evolution to the interconnection of people, processes, data and things that forms the Internet of Everything.

Instructor: McGraw
Fee: $100

Session One
Age Group: Middle School
Date: June 20-24
Time: 1-5pm

Session Two
Age Group: High School
Date: July 11-15
Time: 1-5pm

IT ESSENTIALS

IT Essentials covers fundamental computer and career skills for entry-level IT jobs. The IT Essentials curriculum includes hands-on labs that provide practical experience. Virtual tools help you hone your troubleshooting skills and practice what you learn.

Camp description continues on next page.
Instructor: McGraw
Fee: $100

Session One
Age Group: Middle School
Date: June 6-10
Time: 1-5pm

Session Two
Age Group: High School
Date: June 13-17
Time: 1-5pm

JAVA PROGRAMMING
Java is one of the most popular programming languages due to its widespread use across a wide range of platforms, including mobile phones, PCs and robots. In this camp, you will learn the basics of the programming language, and learn how to write simple programs using a desktop or laptop. No previous programming experience is required.

Instructor: Ness, Williams, Bradham
Fee: $100

Date: June 20-24
Time: 8am - 12pm

NAVIGATING THE INFORMATION SUPERHIGHWAY: INTERNET 101
Do you love Facebook, Instagram and Twitter? Do you spend a lot of time online? Do you ever wonder what’s going on behind the scenes? Road trip on the Information Superhighway. We will learn to read the map (search engine skills) and to navigate the road (browser information and comparison). We will explore familiar sites like social media platforms but we will also be sure to visit other less known destinations like Reddit. There will be lots of information about highway robbery and other dangers of the virtual world that we have created with the Internet, and we will discuss potential careers that utilize the internet and/or social media every day.

Instructor: Kay
Fee: $100

Date: June 6-10
Time: 12-4pm

STEM: MANUFACTURING
3D PRINTING AND 3D MODELING WITH CAD
3D printing is a game changer. Learn how 3D printing is changing manufacturing and how you can make things for yourself. Using Autodesk Inventor the 3D Computer Aided Design software, you will learn how to draw 3D models, download them to the 3D printer and generate real parts from your drawings. No experience necessary! Join us and experience the world of 3D printing.

Instructor: Mahoney
Fee: $100

Session One
Age Group: Middle School
Date: June 13-17
Time: 1-5pm

Session Two
Age Group: High School
Date: June 27 - July 1
Time: 1-5pm

Session Three
Age Group: Middle School
Date: July 18-22
Time: 1-5pm
AUTO MECHANIC CAMP
Get a taste of what it's like to work on automobiles. Learn how engines work, work in shops with tools and automobiles and apply science and math skills in real work situations.

Age Groups: Middle and High School
Instructor: Goetz
Fee: $100

Date: June 20-24
Time: 8:30am - 12:30pm

BUILD A 3D PRINTER!
3D printing has changed the way inventors take their ideas from thought to reality. In this camp, you will build and tune your very own 3D printer, capable of printing plastic parts. No experience required.

Age Groups: Middle and High School
Instructors: Ness, Clark, Williams
Fee: $300

Date: July 18-22
Time: 8am - 12pm

LEGO ROBOTICS
Robots made from LEGO can be fun and powerful. In this course, you will learn how to build a robot that can accomplish several tasks using motors, switches and sensors. You will learn how to program the robot using the LEGO EV3 programming software.

Age Group: Middle School
Instructors: Clark, Williams, Williams
Fee: $100

Date: June 13-17
Time: 8am - 12pm

MODERN WELDING TECHNOLOGY
Explore welding processes using virtual reality simulators. Discuss and learn common processes, theory and applications for cutting, welding and fabrication in a safe environment. SMAW and GMAW virtual welding, demo welding processes in the lab and robotics demonstration will be covered. Learn about welding industries and career paths.

Instructor: Campbell

Session One
Age Group: Middle School
Date: May 23-27
Time: 8:30am - 12:30pm
Fee: $125

Session Two
Age Group: High School
Date: June 6-10
Time: 8:30am - 12:30pm
Fee: $145

PROTOCAMP
ProtoCamp is an exciting robotics building camp where students build two robots to enhance their knowledge in a STEM-specific curriculum. The camp is an all day camp, including lunch. The final day students compete with the robots they have created in a competition called Swept Away. Family members are encouraged to come and observe the competition. Students will also operate CNC machines, be introduced to 3D printing and work with measuring instruments used in engineering and manufacturing. Students will build a project they will take home.

Age Group: Middle School
Instructor: McCracken
Fee: $200

Date: June 6-10
Time: 9am - 3pm

Western Colorado Community College and Colorado Mesa University reserve the right to cancel courses, change subject matter, alter time schedules or make other changes deemed necessary.
SIGN UP TODAY.
SUMMER CAMPS FILL FAST.
THERE ARE FOUR EASY WAYS TO REGISTER.

wccc.coloradomesa.edu/cec
Click on the green “Summer Camp Online” button, pick your camp(s) and add them to your cart for purchase.

970.255.2800
Kurtis Armstrong at cec@coloradomesa.edu

WCCC Community Education Center
2508 Blichmann Avenue, Building B
Grand Junction, CO 81505

Colorado Mesa University is committed to providing admission or access to, or treatment or employment in, its educational endeavors, consonant with applicable laws and without regard to race, creed, color, religion, sex, disability, age, national origin, veteran status, marital status or sexual orientation.

Universidad de Colorado Mesa está comprometida a proveer la admisión o acceso o tratamiento o empleo en su labor educativa, de acuerdo con las leyes aplicables y sin distinción de raza, credo, color, religión, sexo, discapacidad, edad, origen nacional, condición de veterano, estado civil u orientación sexual.

Contact: Office of Diversity, Advocacy & Health, Colorado Mesa University, 1100 North Avenue, Grand Junction, CO 81501, 970.248.1366