



## Class Catalog

2020 Online Merit Badge University

### 2020 Merit Badge University - Online (Scheduled Classes)



#### MBCU10 American Business

Earning the 'American Business' merit badge can help Scouts learn practical business matters that will be useful throughout life. Learning how businesses function will help you understand society and uncover a number of career options.

3-3:50 PM

**Days:** Mo Tu We Th Fr **Room:** American Business - Zoom **Instructor:** Chris Daly

**Sessions:** Session 1 - Starting April 20

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**Prerequisites:** No prerequisites for this merit badge. There will be an assignment each night for them to complete but they are pretty easy to do.

5-5:50 PM

**Days:** Mo Tu We Th Fr **Room:** American Business - Session 4 **Instructor:** Peter Weisenberger

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**Prerequisites:** No prerequisites for this merit badge. There will be an assignment each night for them to complete but they are pretty easy to do.



#### MBCU11 American Heritage

Every Scout swears to an oath that includes duty to his country. A better understanding of American heritage, the ways in which the past has led to our present nation, is key to truly knowing what it means to be an American.

3-3:50 PM

**Days:** Mo Tu We Th Fr **Room:** American Heritage - Zoom **Instructor:** Jennifer Whetstone

**Sessions:** Session 1 - Starting April 20

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



#### MBCU30 Animal Science

Cattle, horses, sheep, goats, hogs, poultry, and other domesticated animals are important to people for many reasons. They supply us with food and clothing, we use them for recreational purposes, they work with and for us.

7-7:50 PM

**Days:** Mo Tu We Th Fr **Room:** Animal Science - Session 3 **Instructor:** Gregory Coulter

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**Prerequisites:** #6 and #7 (They can talk about them during our time)



#### MBCU31 Animation

Computer or traditional animation tasks that will test a Scout's creativity, artistic skills, and storytelling abilities.

3-3:50 PM

**Days:** Mo Tu We Th Fr **Room:** Animation - Session 3 **Instructor:** Tom Strous

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

<https://boyslifeorg.files.wordpress.com/2015/04/animationworkbook.pdf>

**Prerequisites:** #3

Everything else can be done in a classroom setting if the scouts complete one of these worksheet beforehand.



#### MBCU12 Art

This merit badge concentrates on two-dimensional art, specifically drawing and painting in various media, including an introduction to design applications in the fields of graphic arts and industrial design, history and design principles, and how these fields relate to fine art

4-4:50 PM

**Days:** Mo Tu We Th Fr **Room:** Art - Zoom **Instructor:** Kelly Whalen

**Sessions:** Session 1 - Starting April 20

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**Prerequisites:** Read the book and be ready to answer discussion questions for requirements 1-3.

## Class Catalog

2020 Online Merit Badge University



### MBCU13 Bird Study

Birds are among the most fascinating creatures on Earth. Many are beautifully colored. Others are accomplished singers. Many of the most important discoveries about birds and how they live have been made by amateur birders. In pursuing this hobby, a Scout might someday make a valuable contribution to our understanding of the natural world.

5-5:50 PM

**Days:** Mo Tu We Th Fr **Room:** Bird Study - Zoom **Instructor:** Kurt Hebner**Sessions:** Session 1 - Starting April 20**Additional Fee:** \$5.00**Maximum number of participants:** 95**Prerequisites:** #5 & #9

### MBCU14 Chemistry

Chemistry explores how substances react with each other, how they change, how certain forces connect molecules, and how molecules are made are all parts of chemistry. Stretch your imagination to envision molecules that cannot be seen - but can be proven to exist - and you become a chemist.

6-6:50 PM

**Days:** Mo Tu We Th Fr **Room:** Chemistry - Zoom **Instructor:** Robert Leitch**Sessions:** Session 1 - Starting April 20**Additional Fee:** \$5.00**Maximum number of participants:** 95**Prerequisites:** 1) Please, with your parents' permission, download, print and look over the Chemistry Merit Badge worksheet.<https://docs.google.com/viewer?url=http%3A%2F%2Fusscouts.org%2Fmb%2Fworksheets%2FChemistry.pdf>

Requirement 1c. Please, with your parents' permission, look up any safety data sheet (SDS) look it over and just be familiar with it when we discuss it during class.

Requirement 3.

Watch one of more fo thee videos with your parents' permission:

<https://www.youtube.com/watch?v=RLA8t-lpiOY>

<https://www.youtube.com/watch?v=QukS1pxoezY>

[https://www.youtube.com/watch?v=pxyo\\_VmDXAs](https://www.youtube.com/watch?v=pxyo_VmDXAs)

There are multiple videos because there are many different ways to build a cartesian diver.

Please construct a cartesian diver before the first class. We will discus the function in class.

Requirement 4a. Please complete with your parent's permission, and or your parents' help.

Cut a round onion into small chunks. Separate the onion chunks into three equal portions. Leave the first portion

raw. Cook the second portion of onion chunks until the pieces are translucent. Cook the third portion until the

onions are caramelized, or brown in color. Taste each type of onion. Describe the taste of raw onion versus

partially cooked onion versus caramelized onion.

## Class Catalog

2020 Online Merit Badge University



### **MBCU15 Chess**

Chess builds critical thinking, forward thinking, and proper sportsmanship in young people.

5-5:50 PM **Days:** Tu We Th Fr **Room:** Chess - Session 6 **Instructor:** Derek Walden

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**NOTE: Please register for a free membership on the website chess.com. Each youth will be invited to join our online chess club where we will be playing optional daily tournaments and a required tournament on Friday. The weekend before classes begin, look for the syllabus to be emailed out with instructions for joining our chess.com club and our Google Classroom. - Counselor Walden**

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Chess - Zoom **Instructor:** Derek Walden

**Sessions:** Session 1 - Starting April 20

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Chess - Zoom Room - Session 2 **Instructor:** Derek Walden

**Sessions:** Session 2 - Starting April 27, Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60



### **MBCU37 Citizenship in the Community**

A nation is a patchwork of communities that differ from each other and may be governed differently. But regardless of how local communities differ, they all have one point in common: In the United States, local government means self-government. Good citizens help to make decisions about their community through their elected local officials.

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Citizenship in the Community - Session 3 **Instructor:** Lloyd Eichenlaub

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60



### **MBCU39 Citizenship in the Nation**

As Scouts fulfill the requirements for this merit badge, they will learn how to become active citizens are aware of and grateful for their liberties and rights, to participate in their governments and protect their freedom, helping to defend their country and standing up for individual rights on behalf of all its citizens.

5-5:50 PM **Days:** Mo Tu We Th Fr **Room:** Citizenship in the Nation - Session 3 **Instructor:** Eric Richardson

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

6-6:50 PM **Days:** Tu We Th Fr **Room:** Citizenship in the National - Session 6 **Instructor:** Kathryn Curry-Da-Souza

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 50

**NOTE: Prerequisite for course:**

**3. Watch the national evening news five days in a row OR read the front page of a major daily newspaper five days in a row. Discuss the national issues you learned about with your counselor. Choose one of the issues and explain how it affects you and your family.**

**Please log with date, story log and list which news organization or major daily newspaper you viewed or read the story(stories)**

**Example:**

**May 24 - story (stories) - news organization**

**May 25 - story (stories) - news organization**

**May 26 - story (stories) - news organization**

## Class Catalog

2020 Online Merit Badge University



### MBCU16 Citizenship in the World

Scouts who earn the Citizenship in the World merit badge will discover that they are already citizens of the world. How good a world citizen each person is depends on his willingness to understand and appreciate the values, traditions, and concerns of people in other countries.

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Citizenship of the World - Session 3 **Instructor:** Brandy Morehouse

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Citizenship in the World - Zoom **Instructor:** Paul Frenken

**Sessions:** Session 1 - Starting April 20

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU17 Collections

Collecting can be an educational and financially rewarding pastime: a collector must educate himself about a specific subject, be able to tell which items are worth preserving, how to catalog and organize his collection, and how to evaluate the value of items.

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Collections - Zoom **Instructor:** Joshua Cramer

**Sessions:** Session 1 - Starting April 20

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

**Prerequisites:** #1

**\*\*Please note that rocks should not be used unless they have a special meaning\*\***



### MBCU18 Communication

This clear and concise definition comes from the U.S. Department of Education: "Communication focuses on how people use messages to generate meanings within and across various contexts, cultures, channels, and media. The field of communication promotes the effective and ethical practice of human communication."

2-2:50 PM **Days:** Mo Tu We Th Fr **Room:** Communication - Session 3 **Instructor:** Jen Koma

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

**Prerequisites:** #4, #7 & #9

3-3:50 PM **Days:** Mo Tu We Th Fr **Room:** Communication - Session 5 **Instructor:** Angela Reese

**Sessions:** Session 5 - Starting May 18

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

**Prerequisites:** #4, #7 & #9

4-4:50 PM **Days:** Mo Tu We Th Fr **Room:** Communications - Zoom **Instructor:** John Logan Shiflet

**Sessions:** Session 1 - Starting April 20, Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**Prerequisites:** #4, #7 & #9

## Class Catalog

2020 Online Merit Badge University



### MBCU21 Cooking

The Cooking merit badge introduces principles of cooking that can be used both at home or in the outdoors. Scouts who earn this badge will learn about food safety, nutritional guidelines, meal planning, and methods of food preparation, and will review the variety of culinary (or cooking) careers available.

3-3:50 PM **Days:** Mo Tu We Th Fr **Room:** Cooking - Zoom Room - Session 2 **Instructor:** Elizabeth Firth

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

4-4:50 PM **Days:** Mo Tu We Th Fr **Room:** Cooking - Session 3 **Instructor:** Julie Green

**Sessions:** Session 3 - Starting May 4, Session 5 - Starting May 18

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

**NOTE: Cooking Merit Badge Session 3 Prerequisites**

- #7. Food-related careers. Find out about three career opportunities in cooking. Select one and find out the education, training, and experience required for this profession. Will discuss

- #2.Nutrition. a. Using the MyPlate food guide or the current USDA nutrition model, give five examples for EACH of the following food groups, the recommended number of daily servings, and the recommended serving size: Fruits, Vegetables, Grains, Proteins, Dairy

- #2.Nutrition. c. Determine your daily level of activity and your caloric need based on your activity level



### MBCU22 Digital Technology

Technology has come a long way since Computers merit badge was first introduced in 1967. This badge will teach Scouts about technology in the digital age.

4-4:50 PM **Days:** Mo Tu We Th Fr **Room:** Digital Technology - Zoom Room - Session 2 **Instructor:** Paul Frenken

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Digital Technology - Session 3 **Instructor:** Chris Daly

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU23 Electricity

Electricity is a powerful and fascinating force of nature. As early as 600 b.c., observers of the physical world suspected that electricity existed but did not have a name for it. In fact, real progress in unraveling the mystery of electricity has come only within the last 250 years.

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Electricity - Zoom Room - Session 2 **Instructor:** Ed Taylor

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU24 Electronics

Electronics is the science that controls the behavior of electrons so that some type of useful function is performed. Today, electronics is a fast-changing and exciting field.

5-5:50 PM **Days:** Mo Tu We Th Fr **Room:** Electronics - Zoom Room - Session 2 **Instructor:** Greg Bergmann

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

## Class Catalog

2020 Online Merit Badge University



### MBCU25 Energy

Saving, producing, and using energy wisely will be critical to America's future. If we are to leave future generations with a world in which they can live as well or better than we have, Scouts and other potential leaders of tomorrow must begin the hard work of understanding energy and the vital role it will play in the future.

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Energy - Zoom Room - Session 2 **Instructor:** Paul Frenken

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU26 Engineering

Engineers use both science and technology to turn ideas into reality, devising all sorts of things, ranging from a tiny, low-cost battery for your cell phone to a gigantic dam across the mighty Yangtze River in China.

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Engineering - Zoom Room - Session 2 **Instructor:** Ed Taylor

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**NOTE: Homework for to bring to class on Monday**

**1. Explain the work of six types of engineers. Pick two of the six and explain how their work is related.**



### MBCU27 Environmental Science

While earning the Environmental Science merit badge, Scouts will get a taste of what it is like to be an environmental scientist, making observations and carrying out experiments to investigate the natural world.

3-3:50 PM **Days:** Mo Tu We Th Fr **Room:** Environmental Science - Zoom Room - Session 2 **Instructor:** John Logan Shiflet

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

5-5:50 PM **Days:** Mo Tu We Th Fr **Room:** Environmental Science - Session 3 **Instructor:** Steve Champa

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

## Class Catalog

2020 Online Merit Badge University



### MBCU28 Family Life

The family is the basic unit of society and is important to both individuals and communities. The world is rapidly changing, making today's society much more complex than ever before. As Scouts earn this merit badge, they will realize why it is important to know more about family life and how to strengthen their families.

5-5:50 PM

**Days:** Mo Tu We Th Fr **Room:** Family Life - Zoom Room - Session 2 **Instructor:** Paul Frenken

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**NOTE:** 3. Prepare a list of your regular home duties or chores (at least five) and do them for 90 days. Keep a record of how often you do each of them. Discuss with your counselor the effect your chores had on your family.

4. With the approval of your parents or guardians and your merit badge counselor, decide on and carry out a project that you would do around the home that would benefit your family. Submit a report to your merit badge counselor outlining how the project benefited your family.

5. Plan and carry out a project that involves the participation of your family. After completing the project, discuss the following with your merit badge counselor:

- a. The objective or goal of the project
- b. How individual members of your family participated
- c. The results of the project

Family Life

Homework for to bring to class on Monday

1. Prepare an outline on what a family is and discuss this with your merit badge counselor. Tell why families are important to individuals and to society. Discuss how the actions of one member can affect other members.

2. List several reasons why you are important to your family and discuss this with your parents or guardians and with your merit badge counselor.

Workbook worksheets for merit badge:

<http://usscouts.org/usscouts/mb/worksheets/Family-Life.pdf>

7-7:50 PM

**Days:** Mo Tu We Th Fr **Room:** Family Life - Session 3 **Instructor:** Joe Redd

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60



### MBCU32 Fingerprinting

In earning the Fingerprinting merit badge, Scouts will learn about and use an important technique that is used by law enforcement officers, along with other materials like matching dental records and DNA sampling, to help identify amnesia victims, missing persons, abducted children, and others.

3-3:50 PM

**Days:** Mo Tu We Th Fr **Room:** Fingerprinting - Session 3 **Instructor:** Gregory Coulter

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

6-6:50 PM

**Days:** Tu We Th Fr **Room:** Fingerprinting - Session 6 **Instructor:** Gregory Coulter

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**NOTE:** They will need to practice doing their fingerprint and come up with why fingerprint is important and where they will use fingerprint 3 and 4. We can talk about it as well.



## Class Catalog

2020 Online Merit Badge University



### MBCU19 Fire Safety

The ability to use fire safely is essential to human survival. By earning this merit badge, Scouts will learn to use fire safely and responsibly, how to prevent home fires, and how to handle fire safely, as well as burn prevention, and camping safety.

4-4:50 PM

**Days:** Mo Tu We Th Fr **Room:** Fire Safety - Session 4 **Instructor:** Patty Hisey

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

5-5:50 PM

**Days:** Mo Tu We Th Fr **Room:** Fire Safety - Zoom **Instructor:** Patty Hisey

**Sessions:** Session 1 - Starting April 20

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU33 Game Design

Games also come in almost every shape, size, format, and flavor imaginable. Games can be fast-paced, slow, or anything in between. Some are competitive. Some are cooperative. They may be for individuals, small groups, or thousands of players at a time. They might take seconds to complete or last for years. However you slice it, everyone has played games, and games help make us who we are.

4-4:50 PM

**Days:** Mo Tu We Th Fr **Room:** Game Design - Session 3 **Instructor:** Ed Taylor

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU34 Genealogy

Exploring your roots - where your family name came from, why your family lives where it does, what your parents and grandparents did for fun when they were your age - can be fascinating. Discovering your ancestors back through history is what genealogy is all about.

4-4:50 PM

**Days:** Mo Tu We Th Fr **Room:** Genealogy - Session 3 **Instructor:** Julie Willoughby

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU56 Hiking

Hiking is a terrific way to keep your body and mind in top shape, both now and for a lifetime. Walking packs power into your legs and makes your heart and lungs healthy and strong. Exploring the outdoors challenges you with discoveries and new ideas. Your senses will improve as you use your eyes and ears to gather information along the way.

4-4:50 PM

**Days:** Mo Tu We Th Fr **Room:** Hiking - Session 5 **Instructor:** Paul Frenken

**Sessions:** Session 5 - Starting May 18

**Additional Fee:** \$5.00

**Maximum number of participants:** 60



### MBCU36 Home Repairs

Successfully completing this badge's requirements can lead to a lifetime of personal and financial rewards: Doing basic home repairs provides a sense of personal pride in one's achievements and increased self-confidence. In addition, safe and successful do-it-yourselfers can easily save a family thousands of dollars in repair bills over the years.

5-5:50 PM

**Days:** Mo Tu We Th Fr **Room:** Home Repairs - Session 3 **Instructor:** Ed Taylor

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

## Class Catalog

2020 Online Merit Badge University



### MBCU29 Journalism

One thing is for sure about journalism: It is never boring. For a reporter, almost every day is different from the last. One day you might interview the mayor of the city, the next day report on a car accident, and the day after that preview a new movie.

4-4:50 PM **Days:** Mo Tu We Th Fr **Room:** Journalism - Zoom Room - Session 2 **Instructor:** Eleanor Mohrmann

**Sessions:** Session 2 - Starting April 27

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Journalism - Session 3 **Instructor:** Eleanor Mohrmann

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU53 Law

Earning this merit badge enables a Scout to learn about the history and kinds of laws, the purpose and methods of law enforcement, consumer protection agencies, emerging law, and careers in the legal profession.

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Law - Session 4 **Instructor:** D Allan Asbury

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 40

**Prerequisites:** #2,4,8 (counselor will provide law enforcement member)



### MBCU38 Mammal Study

A mammal may weigh as little as 1/12 ounce, as do some shrews, or as much as 150 tons, like the blue whale. It may spring, waddle, swim, or even fly. But if it has milk for its young, has hair of some kind, is relatively intelligent, and has warm blood, then it is a mammal.

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Mammal Study - Session 3 **Instructor:** John Logan Shiflet

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**Prerequisites:** #5



### MBCU46 Model Design and Building

Model making, the art of creating copies of objects that are either smaller or larger than the objects they represent, is not only an enjoyable and educational hobby: it is widely used in the professional world for such things as creating special effects for movies, developing plans for buildings, and designing automobiles and airplanes.

5-5:50 PM **Days:** Mo Tu We Th Fr **Room:** Model Design & Building - Session 4 **Instructor:** Dan Ball

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**NOTE:** Read the MB pamphlet



### MBCU45 Moviemaking

Moviemaking includes the fundamentals of producing motion pictures, including the use of effective light, accurate focus, careful composition (or arrangement), and appropriate camera movement to tell stories. In earning the badge, Scouts will also learn to develop a story and describe other pre- and post-production processes necessary for making a quality motion picture.

3-3:50 PM **Days:** Mo Tu We Th Fr **Room:** Moviemaking - Session 4 **Instructor:** Robert Leitch

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

## Class Catalog

2020 Online Merit Badge University



### MBCU52 Music

The history of music is rich and exciting. Through the ages, new music has been created by people who learned from tradition, then explored and innovated. All the great music has not yet been written. Today, the possibilities for creating new music are limitless.

7-7:50 PM

**Days:** Mo Tu We Th Fr **Room:** Music - Session 4 **Instructor:** Greg Bergmann

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 20



### MBCU63 Personal Fitness

Personal fitness is an individual effort and desire to be the best one can be. Regardless of their current levels of personal fitness, in the twelve weeks it will take Scouts to complete the athletic requirements for this merit badge, they will be in better shape, feel better about themselves, have more energy, and gain self-confidence in their overall abilities.

4-4:50 PM

**Days:** Tu We Th Fr **Room:** Personal Fitness - Session 6 **Instructor:** Gary Fetherolf

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 60



### MBCU43 Personal Management

Personal management is about mapping a plan for your life that will involve setting short-range and long-range goals and investigating different ways to reach those goals. Education, training, and experience all help make your goals become a reality. To achieve your goals, you will choose the best path and make a commitment to it, while remaining flexible enough to deal with changes and new opportunities.

3-3:50 PM

**Days:** Mo Tu We Th Fr **Room:** Personal Management - Session 3 **Instructor:** Chris Daly

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

6-6:50 PM

**Days:** Mo Tu We Th Fr **Room:** Personal Management - Session 5 **Instructor:** Greg Cooley

**Sessions:** Session 5 - Starting May 18

**Additional Fee:** \$5.00

**Maximum number of participants:** 60



### MBCU50 Photography

Beyond capturing family memories, photography offers a chance to be creative. Many photographers use photography to express their creativity, using lighting, composition, depth, color, and content to make their photographs into more than snapshots. Good photographs tell us about a person, a news event, a product, a place, a scientific breakthrough, an endangered animal, or a time in history.

6-6:50 PM

**Days:** Mo Tu We Th Fr **Room:** Photography - Session 4 **Instructor:** Jerry Harvey

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 50



### MBCU51 Plant Science

Plant scientists use their curiosity and knowledge to develop questions about the world of plants. Then they try to answer those questions with further observations and experiments in the laboratory and in the field. To earn this merit badge, Scouts will explore three of the most important plant science specialties: agronomy, horticulture, and field botany.

6-6:50 PM

**Days:** Mo Tu We Th Fr **Room:** Plant Science - Session 4 **Instructor:** John Logan Shiflet

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**Prerequisites:** #5, option3 (C, D, F)

**NOTE:** #5, option3 (C, D, F)

## Class Catalog

2020 Online Merit Badge University



### MBCU54 Programming

Earning the Programming merit badge will take you "behind the screen" for a look at the complex codes that make digital devices useful and fun. Without programs, today's high-tech gadgets would be little more than empty shells. But given clear instructions, digital devices can do amazing things and perform operations that would have seemed like magic to people in the past.

By the time you fulfill the requirements for the Programming merit badge, you will be able to work a little of that "magic" yourself. And you might find yourself joining the legions of young programmers who create so much innovative software. Whatever the need, somebody somewhere has written a program to answer it. You could become that somebody. Happy programming!

3-3:50 PM **Days:** Mo Tu We Th Fr **Room:** Programming - Session 5 **Instructor:** Paul Frenken

**Sessions:** Session 5 - Starting May 18

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU42 Public Speaking

A lot happens during the course of every person's life and your ability to communicate your feelings and ideas is the best way to connect to the larger world. Even if you haven't stood at a podium on the stage and find the whole idea scary, sooner or later, someone is going to ask you to get up and say a few words. If you are prepared, it won't be scary. It can even be fun.

2-2:50 PM **Days:** Mo Tu We Th Fr **Room:** Public Speaking - Session 3 **Instructor:** Roger Hottinger

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU40 Reading

If you have ever wanted to go back in time or wished you could visit the future, if you are curious about the world, or if you are interested in how things work or like to learn new things, these are all reasons why you should want to read. Reading is fascinating. It's full of surprises. And it will take you places you can't get to in any other way.

4-4:50 PM **Days:** Mo Tu We Th Fr **Room:** Reading - Session 3 **Instructor:** Janice McDonald

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

7-7:50 PM **Days:** Tu We Th Fr **Room:** Reading - Session 6 **Instructor:** Eric Roush

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**NOTE:** 2ab, 3abc, 4



### MBCU68 Safety

Knowing about safety helps Scouts to make the right choices and to take the best actions to avoid accidents by making informed choices in their everyday activities and to respond appropriately during an emergency situation.

3-3:50 PM **Days:** Mo Tu We Th Fr **Room:** Safety - Session 4 **Instructor:** Russ Smith

**Sessions:** Session 4 - Starting May 11

**Additional Fee:** \$5.00

**Maximum number of participants:** 30



### MBCU58 Salesmanship

By studying salesmanship, Scouts can learn self-confidence, motivation, friendliness, and the persistence necessary to overcome obstacles and solve problems. Sales can offer a challenging and rewarding career for those who enjoy interacting with people from all walks of life.

5-5:50 PM **Days:** Mo Tu We Th Fr **Room:** Salesmanship - Session 5 **Instructor:** Lloyd Eichenlaub

**Sessions:** Session 5 - Starting May 18

**Additional Fee:** \$5.00

**Maximum number of participants:** 95

**NOTE:** Pre-requisites (or homework during this course): 3, 4, 5 & 7

## Class Catalog

2020 Online Merit Badge University



### MBCU59 Scholarship

Working on the Scholarship merit badge provides Scouts with a great opportunity to become more successful in school. They will learn how to improve their skills in the classroom, develop good study habits, and master techniques for writing reports and taking tests.

5-5:50 PM **Days:** Mo Tu We Th Fr **Room:** Scholarship - Session 5 **Instructor:** Eric Roush  
**Sessions:** Session 5 - Starting May 18  
**Additional Fee:** \$5.00  
**Maximum number of participants:** 95



### MBCU44 Scouting Heritage

Introduces boys to the history of the Boy Scouts of America. They'll learn it all - from Scouting's beginnings under Lord Baden-Powell to the history of their own troop.

3-3:50 PM **Days:** Mo Tu We Th Fr **Room:** Scouting Heritage - Session 3 **Instructor:** Ryan Thompson  
**Sessions:** Session 3 - Starting May 4  
**Additional Fee:** \$5.00  
**Maximum number of participants:** 95

7-7:50 PM **Days:** Tu We Th Fr **Room:** Scouting Heritage - Session 6 **Instructor:** John Logan Shiflet  
**Sessions:** Session 6 - Starting May 26  
**Additional Fee:** \$5.00  
**Maximum number of participants:** 30



### MBCU69 Soil and Water Conservation

Conservation isn't just the responsibility of soil and plant scientists, hydrologists, wildlife managers, landowners, and the forest or mine owner alone. It is the duty of every person to learn more about the natural resources on which our lives depend so that we can help make sure that these resources are used intelligently and cared for properly.

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Soil & Water Conservation - Session 5 **Instructor:** John Logan Shiflet  
**Sessions:** Session 5 - Starting May 18  
**Additional Fee:** \$5.00  
**Maximum number of participants:** 95



### MBCU70 Space Exploration

Space is mysterious. We explore space for many reasons, not least because we don't know what is out there, it is vast, and humans are full of curiosity. Each time we send explorers into space, we learn something we didn't know before. We discover a little more of what is there.

7-7:50 PM **Days:** Mo Tu We Th Fr **Room:** Space Exploration - Session 5 **Instructor:** Stephen Hildreth  
**Sessions:** Session 5 - Starting May 18  
**Additional Fee:** \$5.00  
**Maximum number of participants:** 95



### MBCU62 Stamp Collecting

The world's most popular hobby, stamp collecting is enjoyed by millions throughout the world. Through this hobby, you can experience history: postage stamps are like tiny windows that introduce the people of the world to the country's leaders, customs, history, products, and environment.

3-3:50 PM **Days:** Tu We Th Fr **Room:** Stamp Collecting - Session 6 **Instructor:** Robert Dixon  
**Sessions:** Session 6 - Starting May 26  
**Additional Fee:** \$5.00  
**Maximum number of participants:** 36

## Class Catalog

2020 Online Merit Badge University



### MBCU41 Sustainability

Sustainability Merit Badge: learn to conserve energy at home and think about how their food, housing, and consumption choices impact society at large. They make a plan to use the Earth's resources more wisely.

3-3:50 PM **Days:** Tu We Th Fr **Room:** Sustainability - Session 6 **Instructor:** John Logan Shiflet

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

5-5:50 PM **Days:** Mo Tu We Th Fr **Room:** Sustainability - Session 3 **Instructor:** Scott Sampson

**Sessions:** Session 3 - Starting May 4

**Additional Fee:** \$5.00

**Maximum number of participants:** 60

6-6:50 PM **Days:** Mo Tu We Th Fr **Room:** Sustainability - Session 5 **Instructor:** Vern Margard

**Sessions:** Session 5 - Starting May 18

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU64 Theater

While earning the Theater merit badge, Scouts will learn to appreciate live performances as members of the audience as well as go behind the footlights to see the view from the other side. Much more goes on in theater than ever meets the audience's eye.

4-4:50 PM **Days:** Tu We Th Fr **Room:** Theater - Session 6 **Instructor:** John Logan Shiflet

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 95



### MBCU65 Weather

Meteorology is the study of Earth's atmosphere and its weather and the ways in which temperature, wind, and moisture act together in the environment. In addition to learning how everyday weather is predicted, Scouts can learn about extreme weather such as thunderstorms, tornadoes, and hurricanes, and how to stay safe.

5-5:50 PM **Days:** Tu We Th Fr **Room:** Weather - Session 6 **Instructor:** Paul Frenken

**Sessions:** Session 6 - Starting May 26

**Additional Fee:** \$5.00

**Maximum number of participants:** 95