

Camp Buffalo Sagamore Council, BSA



Summer Camp 2017

Merit Badge Course Catalog

Revised November 16, 2016

Dear Scout Leader,

Thank you for considering Camp Buffalo for your Troop's summer home in 2017! Enclosed in this catalog you will find all the information you need to know in regards to the merit badge and extracurricular classes we plan to offer this summer. Consider this your one-stop shop for everything the Scouts can do during their time here at Camp Buffalo.

All of the information found in this guide is also available in two locations. First, you can find this information, as well as any updates, on our website, <http://www.campbuffalo.com>. You will also be able to download an electronic version of this catalog to print out more copies if needed. Additionally, all of the information here is posted on our summer camp registration site, <https://sagamore.camp-master.com>.

For those of you new to our camp, we hope you find all you could wish to be offered and more! We are proud to be a small camp atmosphere with a big camp feel. In all, we offer over 40 merit badges each week at camp. For some classes, we bring in real-world practitioners to both ensure quality instruction as well as expose boys to possible future careers.

For those of you returning to Camp Buffalo in 2017, welcome back! As you look through this guide, you will likely note some changes in course times and the like. For a full list of these changes, see the section titled "Changes for 2017" toward the back of the catalog.

For all leaders, we wish to point out two helpful features to this guide. For each class, you will notice a feature labeled "Age Restriction" or "Age Recommendation." Age restrictions are put in place for safety reasons and must be followed. Age recommendations are helpful hints we've added as to when a badge may be appropriate for a Scout to pursue. Additionally, there is a feature labeled "Course Costs." This will explain if there is a cost associated with taking a course or if there is a kit the Scout will need to purchase to complete the badge.

We hope you will find this resource to be very helpful in your summer camp planning. Again, thank you for considering Camp Buffalo, and we look forward to seeing you this summer!

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How to Get the Most from this Course Catalog

This guide was created as a tool for troop leaders to use when registering Scouts for merit badge classes at Camp Buffalo. The layout is meant for you to search for merit badges by program area in which they are taught. In each program area, the merit badges are listed in alphabetical order. If two badges are shown with a “&” symbol, parts of both badges will be covered during the course time.

Each merit badge listing will look very similar to the following:



WEATHER MERIT BADGE

Weather is an elective merit badge for Scouts to earn. Budding meteorologists in your troop will find Weather to be a fun merit badge. Scouts will learn what causes different kinds of weather and weather safety while getting to record their own weather observations.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Recommended for Scouts in grades 5 through 7, but all are welcome.

There are three main parts to this listing. First, there is the badge name and description located at the top. This will tell if the badge is elective or Eagle-required and will give a little preview of what is done in the class. Below that is the Course Availability. This tells when the badge is being offered for 2014.

The final part is the “**P.A.R.** for the Course.” It tells whether a badge has **P**requisites, if there are any **A**dditional Fees for the course, and if there are any **R**estrictions to taking the badge. Restrictions will tell if there is a class size limit or if there is an age requirement. If there is an age *recommendation*, this is purely a suggestion from us based on our experiences at camp. On these recommendations, final judgment is left to the leader of whether a Scout can be in the class and have success.

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Aquatics – Pond

Camp Buffalo provides waterfront activities at our pond, Liberty Lake. The lake is approximately one acre in size and reaches depths of around 12 feet in spots. Situated nearby is the smaller of two wetlands located at Camp Buffalo.

Over the past few years, Sagamore Council has worked to improve the aquatic offerings at Camp Buffalo. Along with the traditional canoes, we have 12 kayaks and, most recently added, four stand-up paddleboards. In the mornings, this equipment is used to teach the Canoeing and Kayaking merit badges to Scouts. In the afternoon, the pond is opened up for anyone who has passed the BSA swimmer test to come out and paddle around.

Though the offerings at our pond may seem small, we hope to expand them further in future years!



CANOEING MERIT BADGE

Canoeing is an elective merit badge for Scouts to earn. It has been around since the early days of Scouting and is a staple of summer camp programs. If your troop is looking to take a canoe trip in the future, this badge provides knowledge on proper strokes, safe recovery from capsizing, and proper equipment storage. *A minimum of two Scouts are required to offer a session.*

Course Availability:

- 11:00 AM – 11:50 AM
- 12:00 PM – 12:50 PM

Prerequisites:

- Participating Scouts **MUST** pass the BSA swimmer test (per Requirement #3) in order to complete work for this badge.

Additional Fees:

- None

Restrictions:

- This merit badge does require some physical effort (carrying the canoe with a partner, towing a swamped canoe, and emptying a swamped canoe). Please keep these tasks in mind when registering your Scouts.



KAYAKING MERIT BADGE

Kayaking is an elective merit badge for Scouts to earn. This badge, released in 2012 in the midst of the summer camp season, was first offered at Camp Buffalo in 2013. Due to its popularity and limited equipment, we offer the Kayaking merit badge during all four sessions of the day in order to offer most Scouts the opportunity to try out this activity.

Course Availability:

- 9:00 AM – 9:50 AM
- 10:00 AM – 10:50 AM
- 11:00 AM – 11:50 AM
- 12:00 PM – 12:50 PM

Prerequisites:

- Participating Scouts **MUST** pass the BSA swimmer test (per Requirement #2) in order to complete work for this badge.

Additional Fees:

- None

Restrictions:

- This merit badge does require some physical effort (carrying the kayak, propelling the kayak solo, towing a swamped kayak, and emptying a swamped kayak). Please keep these tasks in mind when registering your Scouts.
- Due to equipment limitations and overall class control, each section of Kayaking merit badge is limited to 12 Scouts.



Small-Boat Sailing

Small-Boat Sailing is an elective merit badge. It was first offered at Camp Buffalo in 2015.

Course Availability:

- 9:00 AM – 9:50 AM
- 10:00 AM – 10:50 AM

Prerequisites:

- Participating Scouts **MUST** pass the BSA swimmer test in order to complete work for this badge.

Additional Fees:

- None

Restrictions:

- This merit badge does require some physical effort. Please keep these tasks in mind when registering your Scouts.
- Due to equipment limitations and overall class control, each section of Small-Boat Sailing merit badge is limited to 6 Scouts.

Additional Offerings at the Pond



Standup Paddleboarding Award

The BSA Stand Up Paddleboarding award introduces Scouts to the basics of standup paddleboarding (SUP) on calm water, including skills, equipment, self-rescue, and safety precautions. This award also encourages Scouts to develop paddling skills that promote fitness and safe aquatics recreation.

Course Availability:

- Monday, Tuesday, Wednesday, or Thursday 3PM -4PM

Prerequisites:

- Participating Scouts **MUST** pass the BSA swimmer test in order to complete work for this badge.

Additional Fees:

- None

Restrictions:

- Must pass the **BSA swimmers Test**
- limited to 3 Scouts.

Aquatics – Pool

The pool here at Camp Buffalo is a major feature when summer camp rolls around. Originally built in the 1970s, our Junior Olympic-sized pool and pool house was remodeled in the early 2000s. In the mornings, the waters are filled with Scouts in the Lifesaving and Swimming courses as well as those in Instructional Swim. In the afternoons, the pool is flooded with Scouts cooling off in the summer heat.

This is one program area where you can knock out some major Eagle-required merit badges, so take a look at what we offer!



LIFESAVING MERIT BADGE

Lifesaving merit badge is an Eagle-required merit badge. It is part of a two-badge option in which Scouts can complete either Lifesaving OR Emergency Preparedness merit badge. If you have a Scout who may be interested in working toward completing BSA Lifeguard training at some point, this course is a good preview of the work that is needed to complete that training. While Swimming merit badge is not a prerequisite of this badge, it is recommended.

Course Availability:

- 9:00 AM – 10:50 AM

Prerequisites:

- Participating Scouts **MUST** pass the BSA swimmer test (per Requirement #1(a)) in order to complete work for this badge.

Additional Fees:

- None

Restrictions:

- This merit badge does require some physical effort (including swimming 400 yards continuously, towing a victim to safety, and recovering a weight from deep water). Please keep these tasks in mind when registering your Scouts.
- Due to the physical effort and serious nature of the skills taught in this course, it is recommended that this course be taken by third-year campers and above.
- Class size is limited to 16 Scouts.



SWIMMING BADGE

The Swimming merit badge is an Eagle-required badge. It is part of a three-part merit badge option in which Scouts choose between Swimming, Hiking, OR Cycling merit badge. Swimming tends to be the most common and is a good course for second-year campers

Course Availability:

- 9:00 AM – 9:50 AM
- 10:00 AM – 10:50 PM
- 11:00 AM – 11:50 PM
- 12:00 AM – 12:50 PM

Prerequisites:

- Participating Scouts **MUST** pass the BSA swimmer test (per Swimming merit badge Requirement #3 AND Snorkeling BSA award Requirement #1) in order to complete work for this badge.

Additional Fees:

- None

Restrictions:

- Please note: Swimming merit badge does require 150 yards of continuous swimming as well as retrieving an object from deep water multiple times.
- Class size is limited to 16 Scouts.

ADDITIONAL OFFERINGS AT THE POOL

In addition to the Lifesaving and Swimming merit badges, we are proud to offer two additional activities at the pool:

Instructional Swim

We are happy to assist those Scouts who are having difficulty passing the “Beginner’s” test (the swimming portion of the Second Class rank) or the BSA swimmer test (the swimming portion of the First Class rank). These sessions are available at 11:00 AM – 11:50 AM and 12:00 PM – 12:50 PM.

Mile Swim Award

Do you have the endurance to swim ONE MILE? Meet at the pool at 6:00 AM. Practice is available daily from 6:00 AM until around 7:30 AM with the goal of reaching one mile by Friday morning. Come on out and give it your all!

ATVs

Through a recent development, the Boy Scouts of America have approved ATV riding as a Scouting activity for select councils by allowing them to offer an ATV Rider Safety course. Sagamore Council is proud and excited to be one of the councils currently offering this opportunity for older Scouts!



ATV SAFETY COURSE

The ATV Safety Course is an older Scout program here at Camp Buffalo. Throughout the course of the week, Scouts will learn safe riding techniques, ATV care, as well as get to take a trail ride through camp. With six ATVs, space is limited, so register soon!

Course Availability:

- 9:00 AM – 10:50 AM
- 11:00 AM – 12:50 PM
- Monday – Thursday, 3:00 PM – 4:30 PM

Prerequisites:

- None

Additional Fees:

- This course costs an additional **\$35.00** to cover ATV maintenance, fuel, safety equipment, and instructor training.

Restrictions:

- Scouts must be **15 years of age or older** at the start of the summer camp week in order to participate in the ATV Safety Course.
- Due to equipment limitations and general class control, each class session is limited to five (5) Scouts. If there are spaces available, adults are welcome to participate.

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Brownsea Island

Brownsea Island serves as Camp Buffalo's First-Year Camper program. Over the course of the week, Scouts will complete many of the requirements for the early ranks of the Boy Scout program. Scouts are free to take any combination of the rank classes while fitting in at least one merit badge class in the fourth class session.



Scout Rank

The First Rank every Scout earns when he joins Boy Scouts. Scout Rank requirements will be taught at the same time as the Tenderfoot rank.

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- Scout Requirement #6, #7

Additional Fees:

- None

Restrictions:

- None



TENDERFOOT RANK

The Tenderfoot rank starts a Scout on the Trail to Eagle. Because of the nature of the requirements, we are able to help get a Scout well on his way to completing this level. If you have a Scout who has just recently joined the troop, this is a good way to get him started off.

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- Tenderfoot Requirement #2A, #2B, #6B, #6C, #7B, #9, #10, #11
- Tenderfoot Requirement #6C (showing improvement in the tests) will need to be completed after camp is over.

Additional Fees:

- None

Restrictions:

- None



SECOND CLASS RANK

After getting an introduction to Scouting with the Tenderfoot rank, a Scout gets to complete the slightly more challenging requirements of the Second Class rank. Due to the nature and intent of some of these requirements, there is a little less that can be covered at camp. However, we work to get those items that we can complete accomplished.

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- Requirements #1a, #1b, #1c, #2e, #7a, #7b, #7c, #8c, #8d, #8e, and #10, #11, #12
- Requirements #3c (woods tools) and #3d (fire building) can be worked on during Outdoor Skills Totin' Chip and Firem'n Chit classes.

Additional Fees:

- None

Restrictions:

- None



FIRST CLASS RANK

As the final beginning rank of the Trail to Eagle, First Class begins to challenge a Scout with more advanced knot-tying and cooking skills. This rank tends to really get a boy invested in the pursuance of the rank of Eagle Scout.

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- Requirements #1a, 1b, #2a, #2b, #2c, #2d, #2e, #8a, #8b, #9a, #9b, #9c, #9d, #10, # 11, #12, #13

Additional Fees:

- None

Restrictions:

- None

Eagle's Nest / STEM

After many years of being the program area without a home, Eagle's Nest/STEM (formerly Eagle Quest) found permanent residence in what used to be the warehouse. This high-traffic area is located central to camp and offers a number of badges, both Eagle-required and not. Check it out!



GAME DESIGN MERIT BADGE

New to Camp Buffalo in 2016. The badge focuses both traditional games and video games, this sure-to-be-popular merit badge will test Scouts' creativity, problem-solving skills, and planning abilities.

Course Availability:

Prerequisites:

- none

Additional Fees:

- None

Restrictions:

- None



Animation Merit Badge

New to Camp Buffalo in 2016. This badges focus on Computer or traditional animation tasks that will test a Scout's creativity, artistic skills, and storytelling abilities.

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



CITIZENSHIP IN THE NATION MERIT BADGE

The Citizenship in the Nation merit badge is an Eagle-required badge. For those Scouts who have completed 8th grade U.S. History or who have a love for government, this class will be a breeze! Scouts will discuss documents and speeches pertinent to U.S. history and learn about current news events.

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- Requirements #2 (do option a, b, or c), #8

Additional Fees:

- None

Restrictions:

- None



CITIZENSHIP IN THE WORLD MERIT BADGE

Citizenship in the World is an Eagle-required merit badge focused on helping Scouts become better world citizens. The requirements look at issues of international significance as well as how nations work together through different organizations.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- This merit badge is better suited for older Scouts. Please consider registering only those Scouts who have completed 7th grade or higher.



COMMUNICATION MERIT BADGE

Communication is an Eagle-required merit badge. As Scouts go through life, they will find many instances in which they have to speak in front of a group or pay close attention in a small-group setting. Communication merit badge works to develop these skills through a number of short speeches and presentations. Scouts are expected to do some preparation outside of class.

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- Requirements #5, #7, and #8

Additional Fees:

- None

Restrictions:

- None



Digital Technology Merit Badge

New to Camp Buffalo for 2016. 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.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



Entrepreneurship Merit Badge

Added to Camp Buffalo in 2015, Entrepreneurship is an elective merit badge that focuses on identifying opportunities and exploring ideas for new businesses.

Course Availability:

- Wednesday, 3:00 PM - 4:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



Graphic Arts Merit Badge

New to Camp Buffalo for 2017, the Graphic Arts Merit Badge will allow scouts to explore the various ways of creating, designing and layout of printed communications.

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



Inventing Merit Badge

New for 2017 at Camp Buffalo, even though an official merit badge recognizing invention has been dormant for 95 years, the idea of innovation has been fully alive in the Scouting program over the past century. Whether it's a Boy Scout creating a useful camp gadget out of wood and rope.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



Journalism Merit Badge

Added to Camp Buffalo in 2015, Journalism is an elective merit badge. It covers the spreading of information over a variety of media. In addition, Scouts will create a camp newsletter.

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



PUBLIC SPEAKING MERIT BADGE

Public Speaking is an elective merit badge available for Scouts to earn. Through a small number of speeches, Scouts will develop the skills needed to address groups from their troop or youth group to classes at school. These skills carry into the future with college presentations and the workplace.

Course Availability:

- Thursday, 3:00 PM – 5:30 PM

Prerequisites:

- Requirement #4 – Please have your eight- to ten-minute speech ready before class begins on Thursday.

Additional Fees:

- None

Restrictions:

- None



Programming Merit Badge

Added to Camp Buffalo in 2015. A tech-focused merit badge for the 21st Century.

Course Availability:

- 9:00 AM – 9:50AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



ROBOTICS MERIT BADGE

Robotics is an elective merit badge released in 2011. Through the requirements in this course, Scouts will learn about how robots are used in modern production as well as youth robotics competitions they can join. Through the help of a local robotics team, Scouts have the chance to build a robot and compete with other Scouts to complete an objective.

Course Availability:

- Tuesday, 3:00 PM – 5:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None

Additional offerings at Eagle's Nest/ Stem

Cyber Chip

Today's youth are spending more time than ever using digital media for education, research, socializing, and fun. To help families and volunteers keep youth safe while online, the Boy Scouts of America introduces the Cyber Chip. In developing this exciting new tool, the BSA teamed up with content expert NetSmartz®, part of the National Center for Missing and Exploited Children® and training expert for many law enforcement agencies.

Course Availability:

- Monday, 3:00 PM – 5:30 PM

Prerequisites:

- The scout should have an internet contract with there parents done before arriving at camp

Additional Fees:

- None

Restrictions:

- None

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Ecology

Ecology has long been a favorite of many Scouts here at Camp Buffalo. From the dreaded but Eagle-required Environmental Science merit badge to the high-flying rockets of Space Exploration merit badge, Scouts flock to our rustic log cabin year after year. This year we have decided to introduce some new badges, bring back some old favorites, and change how we've offered some badges to better serve the Scouts. There's something here for everyone, so take a look!



Animal Science Merit Badge

New for 2016, Animal Science is an elective merit badge.

Course Availability:

- Thursday 3:00 PM – 5:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



ASTRONOMY & SPACE EXPLORATION MERIT BADGE

In 2013, we decided what better way to offer these two popular merit badges than in one combined course. Scouts begin the week working on the requirements for Astronomy, an elective merit badge, and then switch mid-week to work on Space Exploration, another elective merit badge. **This course does require one evening of work to do star identification.**

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- Astronomy – Requirement #8
- Space Exploration – None

Additional Fees:

- \$10 for a rocket kit included in your Campmaster fees.

Restrictions:

- Recommended for Scouts who have completed the 7th grade or higher.



BIRD STUDY MERIT BADGE

Bird Study is an elective merit badge for Scouts to earn. Through the requirements of this badge, Scouts will learn more about the habitats of birds as well as how to identify by sight and by sound. By taking hikes through camp, Scouts will become familiar with local species.

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- None

Additional Fees:

- Requirement #8 – Scouts can complete the requirement at camp by building a bird feeder kit from the Trading Post. The cost is \$9.00 and is included in your Campmaster fee.

Restrictions:

- Recommended for Scouts in grades 5 through 7, but all are welcome.



Chemistry Merit Badge

Back for 2017 at Camp Buffalo, the Chemistry merit badge will allow scouts to safely explore the world of chemistry.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Recommended for Scouts in grades 8.



ENVIRONMENTAL SCIENCE MERIT BADGE

Environmental Science is an Eagle-required merit badge. It is part of a two-badge choice for Scouts to complete either Environmental Science OR Sustainability merit badge. Through a series of experiments and activities, Scouts will begin to learn the impact we all have on the environment. Taking this merit badge at summer camp is one of the best (and most fun) ways to get it knocked out!

Course Availability:

- 9:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Recommended for Scouts who have completed the 7th grade or higher.



EMERGENCY PREPAREDNESS MERIT BADGE

Emergency Preparedness is an Eagle-required merit badge. It is part of a two-badge option in which Scouts can complete either Lifesaving OR Emergency Preparedness merit badge. In Emergency Preparedness, Scouts will review emergency procedures for home and public places, as well as discover ways in which their troops can help out in case of a community disaster. Prerequisite Requirement #1 is for the Scout to earn the First Aid merit badge, and it is strongly encouraged that a Scout has done so prior to taking this course.

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- Requirements #1, #2c, #8c

Additional Fees:

- None

Restrictions:

- None



First Aid Merit Badge

First Aid is an Eagle-required merit badge. The skills taught in this badge range from bandaging minor cuts and scrapes to seizures and compound fractures. Although the material is covered to start the week off, it is recommended that a Scout have completed the Tenderfoot, Second Class, and First Class first aid requirements prior to taking this course.

Course Availability:

- 11:00 AM – 11:50 AM
- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

None



Forestry Merit Badge

Added to Camp Buffalo in 2015, Forestry is an elective merit badge. Scouts will learn to identify trees and shrubs, how forests are managed, and discover the variety of uses for forest products.

Course Availability:

- 12:00 AM – 12:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



FISH & WILDLIFE MANAGEMENT MERIT BADGE

Fish & Wildlife Management is an elective merit badge for Scouts to earn. Scouts will learn about conservation practices in the state as well as different ways conservationists conduct studies of wildlife areas.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



GEOLOGY MERIT BADGE

Geology is an elective merit badge for Scouts to earn. Through a series of experiments and hands-on studies, Scouts will learn about the earth we live, work, and play on every day. This is a great badge for your younger Scouts!

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Recommended for Scouts in grades 5 through 7, but all are welcome.



MAMMAL STUDY MERIT BADGE

Mammal Study is an elective merit badge for Scouts to earn. Although the course is only listed as meeting on Monday, to complete the badge Scouts will have to spend some time throughout the week performing nature observations and meeting with the counselors in order to complete all of the requirements. This is a fun, easy badge for Scouts of all ages!

Course Availability:

- Monday, 3:00 PM – 5:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



Mining in Society Merit Badge

Added to Camp Buffalo in 2015, Mining in society is an elective merit badge. Scouts will learn the history of mining, explore the status of mining in the 21st century, and introduce Scouts to modern mining careers. .

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



NATURE MERIT BADGE

Nature is an elective merit badge for Scouts to earn. What better way to learn about nature than during your week at camp? Scouts will learn how the various elements of nature all perform a role in the larger ecological picture while doing quite a bit of nature observation. This is a great badge for your young Scouts, especially your nature enthusiasts!

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Recommended for Scouts in grades 5 through 7, but all are welcome.



Nuclear Science Merit Badge

Added to Camp Buffalo in 2015, Scout will learn about radiation, atoms, particles and much more!

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



Plant Science Merit Badge

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



REPTILE & AMPHIBIAN STUDY MERIT BADGE

Reptile & Amphibian Study is an elective merit badge for Scouts to earn. Are you a fan of things that slither or creep? Then this is the badge for you! Scouts will learn all about snakes, turtles, and more with this course.

This course does have an optional one evening of work to do frog identification. Other options of completion are available.

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- Requirement #8

Additional Fees:

- None

Restrictions:

- None



SOIL & WATER CONSERVATION MERIT BADGE

Soil & Water Conservation is an elective merit badge for Scouts to earn. We are going to offer Soil & Water Conservation as an afternoon class. Scouts will learn about erosion, watersheds, and conservation practices through the requirements of this merit badge.

Course Availability:

- Tuesday, 3:00 PM – 5:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



WEATHER MERIT BADGE

Weather is an elective merit badge for Scouts to earn. Budding meteorologists in your troop will find Weather to be a fun merit badge. Scouts will learn what causes different kinds of weather and weather safety while getting to record their own weather observations.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Recommended for Scouts in grades 5 through 7, but all are welcome.

ADDITIONAL OFFERINGS IN ECOLOGY

Ecology has many merit badges that can get Scouts started on the path to further awards, as well a Camp Buffalo-specific award.

World Conservation Award

This often overlooked award can be earned by completing only **THREE** merit badges, all of which can be completed while here at Camp Buffalo:

- Environmental Science merit badge
- Soil & Water Conservation OR Fish & Wildlife Management merit badge
- Citizenship in the World merit badge

William T. Hornaday Badge

This national award, the first of the William T. Hornaday awards, has three requirements to be completed:

1. Earn First Class rank.
2. Plan, lead, and carry out at least **one project** from one of the categories listed (see the Ecology Director for a list of categories).
3. Complete the requirements for any **three** of the merit badges listed in bold. In addition, complete any **two** of the others listed (see the Ecology Director for a list of the badges accepted).

Environmental Award of Merit

This Camp Buffalo award requires 10 hours of work that must be performed within one year of starting. See the Ecology Director for more information.

Handicraft

Handicraft is focused on craft-like activities. This area is very well suited for your younger Scouts in Brownsea Island to guarantee them a merit badge their first year at summer camp. Of course, there are a couple challenges for the older Scouts included here.



ART MERIT BADGE

Art is an elective merit badge for Scouts to earn. We heard your feedback and responded to it, leaders! Rather than tie up all week for your Scouts to take Art, we've condensed it to one afternoon and created two opportunities to earn it. If a Scout doesn't get his artwork finished, he is free to come in on other afternoons to complete what remains. Art is a great badge for beginning Scouts.

Course Availability:

- Monday, 3:00 PM – 5:30 PM
- Wednesday, 3:00 PM – 5:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



INDIAN LORE MERIT BADGE

Indian Lore is an elective merit badge for Scouts to earn. Scouting is laced with elements of Native American culture. This badge goes further in depth, having Scouts look closer at the history and culture of different tribes.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- To complete this badge, Scouts will have to purchase an Indian Lore merit badge kit for \$15.00 and is included in the Campmaster fees.

Restrictions:

- None



LEATHERWORK MERIT BADGE

Leatherwork is an elective merit badge for Scouts to earn. Scouts will learn about leather manufacturing and care as well as get to make projects of their own. Additionally, they will get to complete a lacing lanyard project.

Course Availability:

- 11:00 AM – 11:50 AM
- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- Scouts may need to purchase one or more leather kits to complete the requirements of this badge. Kits range in price from \$3.00 to \$15.00. The fees are included in Campmaster.

Restrictions:

- None



Sculpture Merit Badge

New for 2016, Sculpture is an elective merit badge. Scouts will learn how to create three-dimensional art.

Course Availability:

- TBD

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



WOOD CARVING MERIT BADGE

Wood Carving is an elective merit badge for Scouts to earn. If ever there was a badge that was pure Boy Scout, it would be Wood Carving. Created in 1923, the Wood Carving merit badge teaches safe practices and a variety of carving techniques while leaving the Scouts with a couple of projects to take home!

Course Availability:

- 9:00 AM – 9:50 AM
- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- Scouts will need to purchase a wood carving kit in the Trading Post. Basic kits are around \$3.00 each, while full Wood Carving merit badge kits range from \$7.00 to \$15.00.

Restrictions:

- Recommended for Scouts who have been to summer camp for two years or more previously.

Outdoor Skills

Have you ever wanted to learn to navigate by GPS? How about by compass, or even by the night sky? Have you ever thought about the kinds of structures you can build with just fallen logs and rope? Are you satisfied to spend time throwing out a line or cruising on two wheels under your own power? Then Outdoor Skills is the place for you! Outdoor Skills houses what could be considered some of the core activities of the Scouting program. Home to a number of both Eagle-required and elective merit badges, Outdoor Skills promises a good time for your Scouts, and your leaders as well!



Athletics Merit Badge

New for Camp Buffalo for 2017. Scouts working on the Athletics Merit Badge will learn about setting an exercise regime for a sport.

Course Availability:

- Tuesday 3:00 PM – 5:30 PM

Prerequisites:

- Requirements #3d, #6b

Additional Fees:

- None

Restrictions:

- None



CAMPING MERIT BADGE

Camping is an Eagle-required merit badge for Scouts to earn. Originally released in 1911, Camping was one of the original 57 merit badges when the Boy Scouts of America was first started. This merit badge challenges a Scout's knowledge and experiences in the outdoors and provides them opportunities to do more!

Course Availability:

- 9:00 AM – 9:50 AM
- 11:00 AM – 11:50 AM

Prerequisites:

- Requirements #4b, #5e, #7b, #8c, #8d, #9a, and #9b

Additional Fees:

- None

Restrictions:

- None



Cooking Merit Badge

Course Availability:

- 12:00 AM – 12:50 AM

Prerequisites:

- Requirements #4c, 4d, #4e, #5d, #5e, #5f, #5g, #5h, #6d, #6e, #6f

Additional Fees:

- None

Restrictions:

- None



CYCLING MERIT BADGE

The Cycling merit badge is an Eagle-required badge. It is part of a three-part merit badge option in which Scouts choose between Swimming, Hiking, OR Cycling merit badge. Scouts will learn proper cycling etiquette and bicycle care as well as begin their required rides. Work will be towards the road biking option. There will be two 10-mile rides on Tuesday and Thursday.

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- Requirements #7(a)2 and #7(a)3

Additional Fees:

- None

Restrictions:

- None



Fire Safety Merit Badge

Added to Camp Buffalo in 2015, Fire Safety is an elective merit badge. Scout will learn the chemistry and physics of fire, how to put out and prevent fires.

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- Requirements #6 and #6a

Additional Fees:

- None

Restrictions:

- None



FISHING MERIT BADGE

Fishing is an elective merit badge for Scouts to earn. For those of you returning to Camp Buffalo, you will notice this merit badge is under a new area. We have decided to move it under the supervision of the Outdoor Skills staff to better serve the Scouts. However, it's the same great badge. Join us out at the pond to show off your fishing skills!

Course Availability:

- 9:00 AM – 9:50 AM
- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



GEOCACHING MERIT BADGE

Geocaching is an elective merit badge for Scouts to earn. Geocaching is a wide-spread activity that could be simply described as a high-tech scavenger hunt. Scouts will learn how to use a GPS unit and geocaching etiquette.

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



ORIENTEERING MERIT BADGE

Orienteering is an elective merit badge for Scouts to earn. Scouts in this course will become very familiar with a compass and how it works as well as a variety of maps and markings. Part of the course is completion of an orienteering course here at camp.

Course Availability:

- 11:00 AM – 11:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



PERSONAL FITNESS MERIT BADGE

Personal Fitness is an Eagle-required merit badge for Scouts to earn. At the end of the week, Personal Fitness will only have the 12-week fitness program remaining.

Course Availability:

- Tuesday, 3:00 PM – 5:30 PM

Prerequisites:

- Personal Fitness – Requirements #7 and #8

Additional Fees:

- None

Restrictions:

- None



PIONEERING MERIT BADGE

Pioneering is an elective merit badge for Scouts to earn. Knot-enthusiasts will have a blast in this course, and novices will develop a number of knots skills. From the basic knots to lashings to splices and making your own rope, this badge covers a lot! If you're up for a challenge, look into taking Pioneering!

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



SEARCH & RESCUE MERIT BADGE

Search & Rescue is an elective merit badge for Scouts to earn. Scouts won't fly helicopters, but they'll get practice in finding and rescuing people in case a real emergency ever happens.

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- This class is reserved for older Scouts ages 14 and older.



Signs, Signals, and Codes Merit Badge

New for 2016 at Camp Buffalo. American Sign Language (ASL) is the third most used language in the United States. The Signs, Signals, and Codes merit badge will cover Morse code, ASL, Braille, signaling, trail markings, and other nonverbal communications. Did you know that some of these have even saved people's lives?

Course Availability:

- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



WILDERNESS SURVIVAL MERIT BADGE

Wilderness Survival is an elective merit badge for Scouts to earn. Do you want to be a wilderness pro like Bear Grylls? Take Wilderness Survival with our Outdoor Skills staff! This badge requires a night of camping in a shelter built by the Scout in order to complete it here at camp.

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None

Shooting Sports

Here at Camp Buffalo we take great pride in our Shooting Sports facilities. Our complex includes a five-station shotgun range with in-ground trap house and electronic thrower, a muzzleloading rifle range, a 50-yard small-bore rifle range with automatic return targets, a 100-yard rifle range, and an indoor range for air rifles and archery. On the shotgun range we use both 12-gauge and 20-gauge guns. At rifle we use bolt-action .22 rifles. The archery range uses Genesis compound bows.

Sign up for one of our shooting merit badges or just come on out for open shoot. Our instructors will be glad to have you!



ARCHERY MERIT BADGE

Archery is an elective merit badge for Scouts to earn. Archery is probably the coolest course we have at the ranges – but that’s because we hold it in our indoor shooting range! Scouts will learn shooting safety and have the opportunity to make an arrow and a bow string. While it may not leave a smell of gunpowder, the instructors promise you’ll have a blast!

Course Availability:

- 9:00 AM – 9:50 AM
- 10:00 AM – 10:50 AM
- 11:00 AM – 11:50 PM
- 12:00 PM -12:50 PM

Prerequisites:

- None

Additional Fees:

- There will be a \$5.00 fee for Archery merit badge to cover the cost of the arrow kit and bow string materials. The fee is included campmaster.

Restrictions:

- Class size will be restricted to 8 Scouts per session to maintain control of the class and allow for maximum shooting time.



RIFLE SHOOTING MERIT BADGE

An excellent course for early campers, Rifle Shooting is an elective merit badge for Scouts to earn. Along with getting to shoot and perfect their scores, Scouts will learn gun safety along with how to properly care for a firearm.

Course Availability:

- 9:00 AM – 10:50 AM
- 11:00 AM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- There will be a \$5.00 fee for Rifle Shooting merit badge to help offset the cost of ammunition and targets. Fees are included in campmaster.

Restrictions:

- Class size will be restricted to 16 Scouts per session to maintain control of the class and allow for maximum shooting time.



SHOTGUN SHOOTING MERIT BADGE

A challenge for Scouts of all ages, Shotgun Shooting is an elective merit badge. Along with the standard elements of gun care and safety, Scouts will work to meet the score requirements by the end of the week.

Course Availability:

- 9:00 AM – 10:50 AM
- 11:00 AM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- There will be a \$5.00 fee for Shotgun Shooting merit badge to help offset the cost of ammunition and targets. Fees are included in Campmaster.

Restrictions:

- Class size will be restricted to 10 Scouts per session to maintain control of the class and allow for maximum shooting time.

Trades

Created at Camp Buffalo in 2014 is the Trades program area. After the 2013 season we decided to split up what was Handicraft into Handicraft and Trades. We felt that the merit badges included in the new Trades area deserved more focus in order to help make sure Scouts got a strong learning experience. The badges included in this area may lead some Scouts to pursue careers later on in life.

Take a look at the hands-on skills included in this area and see if anything sparks your interest!



Automotive Maintenance Merit Badge

New for 2016, Automotive Maintenance is an elective merit badge. Scouts will learn about how to maintain a vehicle.

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



ELECTRICITY MERIT BADGE

Electricity is an elective merit badge for Scouts to earn. Have you ever wondered just how the electricity in your home got there? Have you ever thought about the safety checks in place to protect you and your appliances? Electricity merit badge looks at common electrical occurrences and uses in the home while allowing Scouts to complete a couple of fun projects.

Course Availability:

- 9:00 AM – 9:50 AM

Prerequisites:

- Requirements #2 and #8

Additional Fees:

- None

Restrictions:

- None



METALWORK MERIT BADGE

Metalwork is an elective merit badge for Scouts to earn. In the course of completing this badge, Scouts will get to work with different metals, resulting in a couple of projects to take home.

Course Availability:

- 11:00 AM – 11:50 PM
- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



PLUMBING MERIT BADGE

Plumbing is an elective merit badge for Scouts to earn. The Plumbing merit badge was one of the original 57 merit badges released in 1911. In this course, Scouts will learn how to use common tools and how to work with different pipes. Additionally, Scouts learn about health codes related to plumbing systems.

Course Availability:

- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



WELDING MERIT BADGE

Welding is an elective merit badge for Scouts to earn. When it was released in 2012, we decided Camp Buffalo was definitely going to make this badge available to Scouts. Judging from the reaction of the Scouts in 2013 we think we did a good job. Located in what used to be our camp's warehouse we have created a Welding Shop with eight individual work stations. Through a generous donation we have very nice Lincoln welders, both stick and MIG.

Course Availability:

- 9:00 AM – 9:50 AM
- 10:00 AM – 10:50 AM
- 11:00 AM – 11:50 AM
- 12:00 PM – 12:50 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Class size will be restricted to 8 Scouts per session to maintain control of the class and allow for better instruction.
- This class is reserved for older Scouts ages 14 and older.

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Miscellaneous Offerings

In this section are some badges that we offer at camp without a permanent “home” program area. These badges are often taught by outside volunteers and may vary from year to year. The offerings listed below are accurate as of publication of this course catalog, but these badges are the courses most likely to see any change. There may be deletions from this list, but there may also be additions. Check back at <http://www.campbuffalo.com> for the most up-to-date listings!



SAFETY & FINGERPRINTING MERIT BADGE

Scouts who choose to participate in this course will complete Fingerprinting merit badge but will get partials in the Safety merit badges. This one-afternoon course will meet in the Dining Hall unless otherwise noted.

Course Availability:

- Thursday, 3:00 PM – 5:30 PM

Prerequisites:

- Fingerprinting – None
- Safety- Requirements #2A, #2B

Additional Fees:

- None

Restrictions:

- None



Disability Awareness Merit Badge

New for 2016, Disability Awareness is an elective merit badge.

Course Availability:

- Wednesday 3:00 PM – 5:00 PM

Prerequisites:

- Requirements #2, #5A, #5B

Additional Fees:

- None

Restrictions:

- None



GENEALOGY MERIT BADGE

Genealogy is an elective merit badge for Scouts to earn. This badge is quite seriously all about you! Learn about methods to obtain genealogical information and create charts showing your family's generations. This one-afternoon course will meet in the Dining Hall unless otherwise noted.

Course Availability:

- Wednesday, 3:00 PM – 4:30 PM

Prerequisites:

- Requirement #3, #4b, #9

Additional Fees:

- None

Restrictions:

- None



Scouting Heritage

New at Camp Buffalo for 2017. Scouts will learn about the history of Scouting while working on this merit badge.

Course Availability:

- Tuesday 3:00 PM – 5:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None



Textile Merit Badge

New to Camp Buffalo for 2017, the Textile merit badge will allow scouts to explore the world of fabrics and the different types.

Course Availability:

- Thursday 3:00 PM – 5:30 PM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- *Limit of 20 Scouts*

2017
A.M. Merit Badge Schedule

	Class Period #1 <i>9:00 - 9:50 AM</i>	Class Period #2 <i>10:00 - 10:50 AM</i>	Class Period #3 <i>11:00 - 11:50 AM</i>	Class Period #4 <i>12:00 - 12:50 PM</i>
Aquatics - Pond	Kayaking MB <i>Limit 12 Scouts</i>	Kayaking MB <i>Limit 12 Scouts</i>	Kayaking MB <i>Limit 12 Scouts</i>	Kayaking MB <i>Limit 12 Scouts</i>
	Small Boat Sailing <i>Limit 6 Scouts</i>	Small Boat Sailing <i>Limit 6 Scouts</i>	Canoeing MB <i>Minimum 2 Scouts</i>	Canoeing MB <i>Minimum 2 Scouts</i>
Aquatics - Pool	Lifesaving MB <i>Limit 16 Scouts</i>		Instructional Swim	Instructional Swim
	Swimming MB <i>Limit 16 Scouts</i>	Swimming MB <i>Limit 16 Scouts</i>	Swimming MB <i>Limit 16 Scouts</i>	Swimming MB <i>Limit 16 Scouts</i>
ATVs	ATV Safety Course <i>Limit 5 Scouts</i>		ATV Safety Course <i>Limit 5 Scouts</i>	
BSI	Scout/Tenderfoot Rank	2nd Class Rank	1st Class Rank	
Eagle's Nest STEM	Communication MB	Citizenship in the Nation MB	Animation MB	Digital Technology MB
	Programming MB <i>Limit 15 Scouts</i>	Game Design MB	Graphic Arts MB	Inventing MB
Ecology	Environmental Science MB		First Aid MB	Emergency Preparedness MB
	Astronomy MB & Space Exploration MB	Plant Science MB	Nuclear Science MB	Chemistry
	Bird Study MB	Nature MB	Geology MB & Mining in Society MB	Weather MB
	Forestry MB		Reptile & Amphibian Study MB	Fish & Wildlife Management MB
Handicraft	Wood Carving MB	Wood Carving MB	Leatherwork MB	Leatherwork MB
		Automotive Maintenance MB		Indian Lore MB

Outdoor Skills	Camping MB	Geocaching MB	Camping MB	Fire Safety MB
	Search & Rescue MB	Wilderness Survival MB	Orienteering MB	Pioneering MB
	Fishing MB	Fishing MB	Cycling MB	Signs, Signals, & Codes MB
				Cooking MB
Shooting Sports	Archery MB <i>Limit 8 Scouts</i>	Archery MB <i>Limit 8 Scouts</i>	Archery MB <i>Limit 8 Scouts</i>	A <i>Limit 8 Scouts</i>
	Rifle Shooting MB <i>Limit 16 Scouts</i>		Rifle Shooting MB <i>Limit 16 Scouts</i>	
	Shotgun Shooting MB <i>Limit 10 Scouts</i>		Shotgun Shooting MB <i>Limit 10 Scouts</i>	
Trades	Welding MB <i>Limit 8 Scouts</i>	Welding MB <i>Limit 8 Scouts</i>	Welding MB <i>Limit 8 Scouts</i>	Welding MB <i>Limit 8 Scouts</i>
	Electricity MB	Plumbing MB	Metalwork MB	Metalwork MB

Key

MB = Merit Badge

AB = Activity Badge (Elective Award, not for advancement)

BSI = Brownsea Island, Camp Buffalo's 1st-Year Camper Program

2017
P.M. Merit Badge Schedule

	Monday <i>3:00 - 5:30 PM</i>	Tuesday <i>3:00 - 5:30 PM</i>	Wednesday <i>3:00 – 5:00 PM</i>	Thursday <i>3:00 - 5:30 PM</i>
ATVs	ATV Safety Course (All 4 Afternoons) <i>Limit 5 Scouts</i>			
Eagle's Nest STEM	Entrepreneurship MB	Journalism MB	Citizenship in the World MB	Public Speaking MB
	Cyber Chip		Genealogy MB	Safety MB & Fingerprinting MB
Ecology	Mammal Study MB	Soil & Water Conservation MB	Disability Awareness MB	Animal Science MB
Handicraft	Art MB	Sculpture MB	Art MB	Textile MB
Outdoor Skills		Cycling MB: 10-Mile Cycling Ride		Cycling MB: 10-Mile Cycling Ride
		Personal Fitness MB/ Athletics MB		
Trades				
Misc.	Horsemanship MB <i>Limit 12 Scouts</i>	Scouting Heritage MB		

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Camp Buffalo

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