

Camp Buffalo Sagamore Council, BSA



Winter Resident Camp 2017

Merit Badge Course Catalog

Revised October 19, 2016

Dear Scout Leader,

Thank you for considering Camp Buffalo for your Troop's Winter Resident Camp 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 winter. 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 25 merit badges in this four day week of 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 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 winter!

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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 – 12:45 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 2017.

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.



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 seven ATVs, space is limited, so register soon!

Course Availability:

- 9:00 AM – 10:50 AM
- 11:00 AM – 12:45 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 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 seven (7) Scouts. If there are spaces available, adults are welcome to participate.

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!



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:

- 11:00 PM – 11:50 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.



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



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:

- Thursday, 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:

- Wednesday, 3:00 PM – 5:30 PM

Prerequisites:

- The Scout should have an internet contract with their parents done before arriving at camp

Additional Fees:

- None

Restrictions:

- None

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!



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 – 10:50 AM 1st and 2nd class

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.



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:

- 10:00 AM – 10:50 AM
- 12:00 PM – 12:45 PM

Prerequisites:

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

Additional Fees:

- None

Restrictions:

- None



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.



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:

- 9:00 AM – 9:50 AM
- 12:00 PM – 12:45 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:

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

Prerequisites:

- None

Additional Fees:

- None

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 – 12:45 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



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

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 you 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 you leaders as well!



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
- 10:00 AM – 10:50 AM

Prerequisites:

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

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:

- 11:00 AM – 11:50 AM
- 12:00 PM – 12:45 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! Hope there is Ice!!!

Course Availability:

- 10:00 AM – 10:50 AM
- 12:00 PM – 12:45 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
- 11:00 AM – 11:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

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



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:

- Only offered in evening class in two parts.
- Wednesday and Thursday 3:00 PM to 5:30 PM
- Thursday night is sleep over starts at 8:00 pm

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 muzzle loading 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 -12:45 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 – 12:45 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 – 12:45 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!



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:

- 10:00 AM – 10:50 AM

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- Class size will be restricted to 10 Scouts to maintain control of the class and allow for work time.



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 – 12:45 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.

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!



Scouting Heritage

New at Summer Camp Buffalo for 2017. Scouts will learn about the history of Scouting while working on this merit badge. This is a little taste of the new MB for Summer camp 2017

Course Availability:

- 11:00 AM – 11:50 AM
- This will be in Ecology

Prerequisites:

- None

Additional Fees:

- None

Restrictions:

- None

2016 Winter Resident Camp PM Merit Badge Schedule Tuesday Dec. 27

	<i>1st class</i> 02:15 – 03:10 PM	<i>2nd class</i> 03:15 – 04:10 PM	<i>3rd class</i> 04:15 – 05:10 PM	<i>4th class</i> 05:15 -06:10 PM
ATVs	ATV Safety Course <i>Limit 7 Scouts</i>		ATV Safety Course <i>Limit 7 Scouts</i>	
Eagle's Nest STEM	Citizen in Community MB	Citizenship in the Nation MB	Citizenship in the World MB	Game Design MB
Ecology	Astronomy MB & Space Exploration MB			Emergency Preparedness MB
	Weather MB	Emergency Preparedness MB	Scouting Heritage	Weather MB
Handicraft	Wood Carving MB {10}	Basketry MB{10}	Leatherwork MB{10}	Leatherwork MB{10}
		Metal working {10}		
Outdoor Skills	Camping MB	Camping MB	Fire Safety MB	Fire Safety MB
	Search & Rescue MB	Fishing MB	Search & Rescue MB	Fishing MB
Shooting Sports	Archery MB <i>Limit 8 Scouts</i>	Archery MB <i>Limit 8 Scouts</i>	Archery MB <i>Limit 8 Scouts</i>	Archery MB <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>

2016 Winter Resident Camp A.M. Merit Badge Schedule Dec 28, 29 and 30th

	<i>1st class 9:00 – 10:30 AM</i>	<i>2nd class 10:00 - 10:50 AM</i>	<i>3rd class 11:00 - 11:50 AM</i>	<i>4th class 12:00 -1245 PM</i>
ATVs	ATV Safety Course <i>Limit 7 Scouts</i>		ATV Safety Course <i>Limit 7 Scouts</i>	
Eagle's Nest STEM	Citizen in Community MB	Citizenship in the Nation MB	Citizenship in the World MB	Game Design MB
Ecology	Astronomy MB & Space Exploration MB			Emergency Preparedness MB
	Weather MB	Emergency Preparedness MB	Scouting Heritage	Weather MB
Handicraft	Wood Carving MB {10}	Basketry MB {10}	Leatherwork MB {10}	Leatherwork MB {10}
		Metal working {10}		
Outdoor Skills	Camping MB	Camping MB	Fire Safety MB	Fire Safety MB
	Search & Rescue MB	Fishing MB	Search & Rescue MB	Fishing MB
Shooting Sports	Archery MB <i>Limit 8 Scouts</i>	Archery MB <i>Limit 8 Scouts</i>	Archery MB <i>Limit 8 Scouts</i>	Archery MB <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>

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2016
P.M. Merit Badge Schedule

	Wednesday <i>3:00 - 5:30 PM</i>	Thursday <i>3:00 - 5:30 PM</i>		
ATVs				
Eagle's Nest STEM	Cyber Chip MB	Robotics MB {20}		
Ecology	Environmental Science MB (must attend both days)			
Handicraft	Art	Art		
Outdoor Skills	Wilderness Survival MB (must attend both days) Limit 30 scouts			
Trades				

Camp Buffalo

9400 N. Boy Scout Road
Monticello, IN 47960

<http://www.campbuffalo.com>

Sagamore Council, BSA

P.O. Box 865
Kokomo, IN 46903

<http://www.sagamorebsa.org>

Phone: (800) 844-0537

