

Merit Badge University in Grand Island

Class Catalog

Event Contacts

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Merit Badge University in Grand Island at Stuhr Museum

2025 Merit Badge University Grand Island (Scheduled Classes)



MBGI1 American Cultures

The United States is a nation of immigrants. Every person came to America from somewhere else - or their ancestors did - and understanding these various cultural backgrounds can help Scouts to live in harmony with others in our varied and increasingly multicultural society. 8:30-11:30 AM Days: Su Maximum number of participants: 10

Prerequisites: #1a; #1b; #1c; #1d; #5

MBGI2 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 lead to our present nation, is key to truly knowing what it means to be an American. 8:30-11:30 AM Days: Su Maximum number of participants: 15

Maximum number of participants: 15 Prerequisites: #1; #3c



MBGI3 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. 8:30-11:30 AM **Days:** Sa

Maximum number of participants: 10

Prerequisites: #6a.beef; #6b.beef; #6c.beef; #6d.beef; #6a.dairy; #6b.dairy; #6c.dairy; #6d. dairy; #6e.dairy; #6f.dairy; #6a.horse; #6b.horse; #6c.horse; #6d.horse; #6e.horse; #6a.sheep; #6b.sheep; #6c.sheep; #6d1.sheep; #6d2.sheep; #6e.sheep; #6a.hog; #6b.hog; #6c1.hog; #6c2. hog; #6d.hog; #6a.avian; #6b.avian; #6c.avian; #6d1.avian; #6d2.avian; #6d3.avian; #6e.avian



MBGI4 Archaeology

Archaeologists are detectives who study how people lived in the past. They figure out what happened, when, how, and why. Using the clues that people left behind, they try to understand how and why human culture has changed through time.

8:30-11:30 AM Days: Sa Maximum number of participants: 10 Prerequisites: #4a; #4b; #7a; #7b; #7c



MBGI5 Archery

Archery is a fun way for Scouts to exercise minds as well as bodies, developing a steady hand, a good eye, and a disciplined mind. This merit badge can provide a thorough introduction to those who are new to the bow and arrow - but even for the experienced archer, earning the badge can help to increase the understanding and appreciation of archery.

8:30-11:30 AM Days: Sa 2-5 PM Days: Sa Maximum number of participants: 10 Days: Sa Maximum number of participants: 10 Prerequisites: #2d[1]; #2d[2]



MBGI6 Architecture

Architecture is not just the special buildings like cathedrals, museums, or sports stadiums we read about or see on television; it is as normal as the homes, places of worship, schools, and shopping malls where we live, worship, work, learn, and play every day. However, architecture is more than just common shelter; building has always satisfied the human need to create something of meaning. Even the simplest form of architecture is a work of art that requires thought and planning.

2-5 PM Days: Fr

Maximum number of participants: 10 Prerequisites: #1a; #3a; #3b; #3c; #4





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MBGI7 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 Days: Sa 8:30-11:30 AM

Maximum number of participants: 12 **Prerequisites:** #5a; #5b; #5c



MBGI8 Astronomy

In learning about astronomy, Scouts study how activities in space affect our own planet and bear witness to the wonders of the night sky: the nebulae, or giant clouds of gas and dust where new stars are born; old stars dying and exploding; meteor showers and shooting stars; the moon, planets, and a dazzling array of stars. 8:30-11:30 AM Days: Sa

Maximum number of participants: 12 Days: Sa Maximum number of participants: 12 Prerequisites: #4a; #4b; #4c; #4d; #8a; #8b; #8c; #8d; #8e; #8f



2-5 PM

MBGI9 Automotive Maintenance

Modern automobiles are important to many aspects of American life. Those who service automobiles must understand each principle, and how these principles interact to provide smooth, efficient performance. Owners of cars also benefit by understanding how their vehicles operate. This enables them to understand why certain periodic maintenance is required to keep their vehicles in tip-top shape.

Days: Sa 8:30-11:30 AM Maximum number of participants: 10

| 2-5 PM | Days: Sa |
|--------|------------------------------------|
| | Maximum number of participants: 10 |
| | Prerequisites: #11a; #11b; #11c |



MBGI10 Aviation

For most of history, people have dreamed of flying, imagining how it would feel to soar through the sky like an eagle or hover in midair like a hummingbird, to float on unseen currents, free of Earth's constant tug, able to travel great distances and to rise above any obstacle. Today, through aviation, we can not only join the birds but also fly farther, faster, and higher than they ever could.

Days: Sa 8:30-11:30 AM

Maximum number of participants: 8 Prerequisites: #2a; #2b; #2c; #3a; #3b; #3c; #3d; #3e; #4a; #4b; #4c; #4d



MBGI11 **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.

| 8:30-11:30 AM | Days: Su |
|---------------|--|
| | Maximum number of participants: 10 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 10 |
| | Prerequisites: #8a(1); #8a(2); #8a(3); #8b(1); #8b(2); #8b(3); #8c(1); #8c(2); #8c(3); #8c(4); #9a: #9b: #9c: #9d |
| | |



MBGI12 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. Days: Sa

2-5 PM

Maximum number of participants: 10 Prerequisites: #1a.





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| | MBGI13 Citi | zenship in the Community |
|---------------|--|---|
| | | |
| | A nation is a patchwork of communities that differ from each other and may be governed differently. But regardless | |
| | | nunities differ, they all have one point in common: In the United States, local government means |
| | 0 | Good citizens help to make decisions about their community through their elected local officials. |
| | 8:30-11:30 AM | Days: Su |
| | | Maximum number of participants: 15 |
| | 8:30-11:30 AM | Days: Sa |
| | | Maximum number of participants: 15 |
| | 2-5 PM | Days: Fr |
| | | Maximum number of participants: 15 |
| | 2-5 PM | Days: Sa |
| | | Maximum number of participants: 15 |
| | | Prerequisites: #3a; #3b; #4b; #7c |
| | | |
| | MBGI14 Citi | zenship in the Nation |
| | | e requirements for this merit badge, they will learn how to become active citizens are aware of |
| | | eir liberties and rights, to participate in their governments and protect their freedom, helping to |
| $\overline{}$ | | try and standing up for individual rights on behalf of all its citizens. |
| | | |
| | 8:30-11:30 AM | Days: Su |
| | | Maximum number of participants: 15 |
| | 8:30-11:30 AM | Days: Sa |
| | | Maximum number of participants: 15 |
| | 2-5 PM | Days: Fr |
| | | Maximum number of participants: 15 |
| | 2-5 PM | Days: Sa |
| | | Maximum number of participants: 15 |
| | | Prerequisites: #5; #7a; #7b; #7c; #7d; #8 |
| | | |
| | MBGI15 Citi | zenship in the World |
| | Scouts who earn | the Citizenship in the World merit badge will discover that they are already citizens of the world. |
| | | d citizen each person is depends on his willingness to understand and appreciate the values, |
| ~ | | ncerns of people in other countries. |
| | 8:30-11:30 AM | Days: Su |
| | 0.00 11.00 / 10 | Maximum number of participants: 15 |

| 8:30-11:30 AM | Maximum number of participants: 15 Days: Sa |
|---------------|--|
| | Maximum number of participants: 15 |
| 2-5 PM | Days: Fr |
| | Maximum number of participants: 15 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 15 |
| | Prerequisites: #7a; #7b; #7c; #7d; #7e |



MBGI16 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."

| 8:30-11:30 AM | Days: Su |
|---------------|--|
| | Maximum number of participants: 15 |
| 8:30-11:30 AM | Days: Sa |
| | Maximum number of participants: 15 |
| 2-5 PM | Days: Fr |
| - | Maximum number of participants: 15 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 15 |
| | Prerequisites: #3; #4; #5; #7a; #7b; #7c; #8 |
| | |





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MBGI17 **Composite Materials**

Composites can be found just about everywhere: in airplanes and sports cars, golf clubs and guitars, boats and baseball bats, bathtubs and circuit boards, and even bridges. Composites make bicycles and skis lighter, kayaks and canoes stronger, houses warmer, and helmets tougher.

Days: Su Fr 8:30-5 PM

Maximum number of participants: 10 Prerequisites: Pre Reqs: 4b, 6



MBGI18 **Crime Prevention, Fingerprinting**

Preventing crime, which can be as simple as reducing the opportuntities for crime to occur, is far less costly than apprehending and bringing legal action against those who break the law and it helps save people from the anguish of being victims.

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.

| 8:30-11:30 AM | Days: Sa |
|---------------|---|
| | Maximum number of participants: 10 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 10 |
| | Prerequisites: #4a(1); #4a(2); #4b; #4c; #10 |
| | • |



MBGI19 Cycling

Since 1911, hundreds of thousands of Scouts have made the most of their two-wheel adventures by earning the Cycling merit badge. Whether you just got your first bicycle or have been cycling for years, you will learn more about your bike and what it can do by working on the requirements for this badge. Days: Su 8:30-11:30 AM Maximum number of participants: 10

Prerequisites: #6A(a)(1); #6A(a)(2); #6A(a)(3); #6A(a)(4); #6A(a)(5); #6A(b); #6A(c)(1); #6A(c) (2); #6B(a)(1); #6B(a)(2); #6B(a)(3); #6B(b)(1); #6B(b)(2); #6B(b)(3); #6B(c); #6B(d); #6B(e)



MBGI20 Dentistry

Teeth do a lot more than just peek out from under that winning smile. They have all sorts of duties, and having healthy teeth will help a person to eat, speak, and look great. Davs: Fr

2-5 PM

Maximum number of participants: 5 Prerequisites: #3



MBGI21 **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. Days: Fr Sa 2-5 PM

> Maximum number of participants: 10 Prerequisites: Pre Reqs:



MBGI27 **Disabilities Awareness**

Look around at the Scouts in your unit, the members of your sports teams, and the kids in your class - you will see that each person has their own personalities, distinct interests and ideas, different physical features, and different strengths and needs. 8:30-11:30 AM Days: Su

Maximum number of participants: 10 Days: Sa 2-5 PM Maximum number of participants: 10 Prerequisites: Pre Regs: 2,4





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|-----------|--|
| <u>AR</u> | MBGI26 Dog Care The love and interdependence between humans and dogs has endured for thousands of years. Evidence suggests that dogs and humans started relying on each other thousands of years ago. Today, dogs are our coworkers and companions. They assist search-and-rescue teams, law enforcement officers, hunters, farmers, and people with disabilities. They also play with us and keep us company. 8:30-11:30 AM Days: Su |
| | Maximum number of participants: 10 2-5 PM Days: Sa Maximum number of participants: 10 Prerequisites: #4; #5; #8 |
| (| MBGI28 Drafting Drafting is a highly refined form of drawing used to communicate ideas to engineers, architects, and craftspeople. In earning this badge, Scouts learn the importance of accuracy and simplicity in developing a drawing that shows precise details in a simple format 2-5 PM Days: Sa Maximum number of participants: 10 Prerequisites: Pre Reqs: |
| | MBGI29 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. 2-5 PM Days: Fr Maximum number of participants: 10 Prerequisites: Pre Reqs: |
| | MBGI30Emergency PreparednessScouts are often called upon to help because they know first aid and they know about the discipline and planning needed to react to an emergency situation. Earning this merit badge helps a Scout to be prepared by learning the actions that can be helpful and needed before, during, and after an emergency.8:30-11:30 AMDays: Su Maximum number of participants: 108:30-11:30 AMDays: Sa Maximum number of participants: 102-5 PMDays: Fr Maximum number of participants: 102-5 PMDays: Sa Maximum number of participants: 10 |
| | MBGI31 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. 8:30-11:30 AM Days: Sa Maximum number of participants: 10 Prerequisites: #1. |
| | MBGI32 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. 8:30-11:30 AM Days: Su Sa Maximum number of participants: 12 Participant in the second state of the time |

Prerequisites: #2a; #6a; #6b; #6c





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MBGI33 Farm Mechanics

From the mattock and hoe to the horse and mule, the cotton gin and reaper, the tractor and air seeder - this is the story of farm equipment. Today, most farms are mechanized and farmers can do most of their own maintenance work and make the adjustments needed on their many intricate farm implements.

8:30-11:30 AM **Days:** Sa

Maximum number of participants: 10 Prerequisites: #1b; #5



MBGI34 Fire Safety

The ability to use fire safely is essential to human survival. By earning this merit badge, Scouts will learn to uses fire safely and responsibly, how to prevent home fires, and how to handle fire safely, as well as burn prevention, and camping safety. 8:30-11:30 AM **Days:** Su

Maximum number of participants: 10 Prerequisites: #5d; #5g; #8e; #8h



MBGI35 First Aid

First aid - caring for injured or ill persons until they can receive professional medical care - is an important skill for every Scout. With some knowledge of first aid, a Scout can provide immediate care and help to someone who is hurt or who becomes ill. First aid can help prevent infection and serious loss of blood. It could even save a limb or a life. 8:30-11:30 AM **Days:** Sa

2-5 PM Maximum number of participants: 10 Maximum number of participants: 10 Maximum number of participants: 10 Prerequisites: #14.



MBGI36 Fish and Wildlife Management

Wildlife management is the science and art of managing the wildlife - both animals and fish - with which we share our planet. Maintaining the proper balance and the dynamics that go with it requires humankind's attention. We use this stewardship tool to help minimize or eradicate the possibility of extinction of any given species. We want our descendants to have the opportunity to experience the same animal diversity that we now enjoy. 2-5 PM **Days:** Fr

Maximum number of participants: 10 Prerequisites: #5a; #5b; #5c; #5d; #7a; #7b; #7c; #7d



MBGI37 Fishing

In Scouting for Boys, Baden-Powell offers this advice: "Every Scout ought to be able to fish in order to get food for himself. A tenderfoot [beginner] who starved on the bank of a river full of fish would look very silly, yet it might happen to one who had never learned to catch fish."

8:30-11:30 AM Days: Su Sa

Maximum number of participants: 15 Prerequisites: #10



MBGI38 Fly Fishing

Fly-fishing is a specialized form of fishing that combines skill and artistry. Because it is so rich with tradition, it is a passion for millions of people. The beauty of the water, the solitude, and the skills that the sport requires have made fly-fishing very important in the lives of many notable people.

8:30-11:30 AM Days: Su Sa

Maximum number of participants: 10 Prerequisites: #11



MBGI39 Gardening

Humans have been growing plants for thousands of years. Farmers and horticulturists make their living growing food and other plants, while other people grow gardens for pleasure. Becoming a good gardener requires a Scout to understand the science of growing plants, how to prepare the soil, how to select and plant seeds, and how to care for the growing plants.

8:30-11:30 AM Days: Sa

Maximum number of participants: 10

Prerequisites: #2a; #2b; #4; #8a; #8b; #8c; #8d; #8e; #8f



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| | |

MBGI40 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. Days: Sa

2-5 PM

Maximum number of participants: 10 Prerequisites: #2a; #2b; #3; #5a; #5b; #5c; #5d; #5e; #6



MBGI41 Geocaching

The word geocache is a combination of "geo," which means "earth," and "cache," which means "a hiding place." Geocaching describes a hiding place on planet Earth - a hiding place you can find using a GPS unit. A GPS (Global Positioning System) unit is an electronic tool that shows you where to go based on information it gets from satellites in space. 2-5 PM

Days: Fr Sa Maximum number of participants: 10 Prerequisites: #7; #8a; #8b; #8c; #8d; #9



MBGI42 **Health Care Professions**

Explore the different types of the healthcare fields and professions with the Health Care Professions Merit Badge. Scouts will learn how professionals in different health care fields work together to keep people healthy. The Health Care Professions Merit Badge generates excitement for a possible career in the healthcare industry. 2-5 PM

Days: Sa Maximum number of participants: 10

Prerequisites: #5; #9



MBGI43 Indian Lore

Far different from the stereotypes or common images that are portrayed on film, on television, and in many books and stories, American Indians have many different cultures, languages, religions, styles of dress, and ways of life. To learn about these different groups is to take an exciting journey of discovery in which you will meet some of America's most fascinating peoples.

Days: Su 8:30-11:30 AM

Maximum number of participants: 10 Prerequisites: #4c.



MBGI44 Insect Study

In earning the Insect Study merit badge, Scouts will glance into the strange and fascinating world of the insect. There, they will meet tiny creatures with tremendous strength and speed, see insects that undergo startling changes in habits and form as they grow, and learn how insects see, hear, taste, smell, and feel the world around them. Days: Fr 2-5 PM Maximum number of participants: 10

Prerequisites: #3b.; #5b(1).; #5b(2).



MBGI70 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.

| 8:30-11:30 AM | Days: Su |
|---------------|------------------------------------|
| | Maximum number of participants: 10 |
| 2-5 PM | Days: Fr |
| | Maximum number of participants: 10 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 10 |
| | Prerequisites: Pre Reqs:- None |





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MBGI45 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. 2-5 PM Days: Fr

Maximum number of participants: 10 **Prerequisites:** #4.; #6a.; #6b.; #7.



MBGI46 Leatherwork

Scouts who complete the requirements to earn the Leatherwork merit badge will explore leather's history and its endless uses. They will learn to make a useful leather item using the same types of raw materials that our ancestors used; be challenged to master skills like hand-stitching, lacing, and braiding.; and learn how to preserve and protect leather items so they will last a lifetime and beyond.

8:30-11:30 AM Days: Su

Maximum number of participants: 10 Days: Sa 2-5 PM Maximum number of participants: 10 Prerequisites: Pre Reqs:



MBGI47 **Metalwork- Blacksmith Option**

Scouts will begin their work on this merit badge by learning about the properties of metal, how to use simple metalworking tools, and the basic metalworking techniques. Then they will practice using these tools and techniques before concentrating on the more intricate skills of one of four metalworking options.

| 8:30-11:30 AM | Days: Su |
|---------------|--|
| 8:30-11:30 AM | Maximum number of participants: 6 Days: Sa |
| | Maximum number of participants: 6 |
| 2-5 PM | Days: Fr |
| - | Maximum number of participants: 6 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 6 Prerequisites: Pre Reqs: none |



MBGI72 **Metalwork- Tinsmith Option**

Scouts will begin their work on this merit badge by learning about the properties of metal, how to use simple metalworking tools, and the basic metalworking techniques. Then they will practice using these tools and techniques before concentrating on the more intricate skills of one of four metalworking options.

| 8:30-11:30 AM | Days: Su |
|---------------|---|
| 8:30-11:30 AM | Maximum number of participants: 6 Days: Sa |
| | Maximum number of participants: 6 Days: Fr |
| 2-5 PM | Maximum number of participants: 6 |
| 2-5 PM | Days: Sa Maximum number of participants: 6 |
| | Prerequisites: Pre Reqs: None |



MBGI49 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. Days: Fr

2-5 PM

Maximum number of participants: 10 Prerequisites: #1; #3a; #3b; #3c





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MBGI50 Nuclear Science

Nuclear science gives us a simple explanation of the natural world. The ultimate goal of nuclear science is to find out if there is one fundamental rule that explains how matter and forces interact. Earning the Nuclear Science merit badge is a chance for Scouts to learn about this exciting field at the cutting edge of science today. 8:30-11:30 AM **Days:** Su

2-5 PM Maximum number of participants: 10 Days: Sa Maximum number of participants: 10 Prerequisites: Pre Reqs: 2b, 4,6



MBGI71 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.

| 8:30-11:30 AM | Days. Su |
|---------------|--|
| | Maximum number of participants: 15 |
| 8:30-11:30 AM | Days: Sa |
| | Maximum number of participants: 15 |
| 2-5 PM | Days: Fr |
| | Maximum number of participants: 15 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 15 |
| | Prerequisites: #2a; #2b[1]; #2b[2]; #2c; #2d; #8a; #8b; #8c |



MBGI51 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. 8:30-11:30 AM Days: Su Maximum number of participants: 10 2-5 PM Days: Fr

| 2-5 PM | Days: Fr |
|--------|------------------------------------|
| | Maximum number of participants: 10 |
| | Prerequisites: #7a; #7b; #7c |



MBGI52 Plumbing

Plumbing, including pipe fitting, is an important and well-paid occupation. The industry is quite broad. It covers installations and repairs in homes, commercial properties, and factories. Plumbing pipelines are used for water supply, waste drainage, natural-gas heating, and many other purposes. 8:30-11:30 AM Days: Su Maximum number of participants: 10

2-5 PM Days: Sa Maximum number of participants: 10 Prerequisites: Pre Reqs:



MBGI53 Railroading

By earning this badge, Scouts can learn about the history of railroading, its place in modern society, careers in railroading, and hobbies related to railroading. 2-5 PM Days: Fr Maximum number of participants: 10

Maximum number of participants: 10 **Prerequisites:** #7a[1]; #7a[2]; #7a[3]; #7a[4]; #7a[5]; #7a[6]; #7a[7]; #7a[8]; #7b[1]; #7b[2]; #7b[3]; #7b[4]





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MBGI54 **Reptile and Amphibian Study**

Boys always have been interested in snakes, turtles, lizards, and alligators, as well as frogs and salamanders. Developing knowledge about these captivating creatures leads to an appreciation for all native wildlife; understanding the life cycle of a reptile or amphibian and keeping one as a pet can be a good introduction to natural history; and knowing about venomous species can help Scouts to be prepared to help in case of an emergency. 8:30-11:30 AM Days: Su

Maximum number of participants: 10 Prerequisites: #8a; #8b; #9a; #9b



MBGI55 **Rifle Shooting**

Unless a rifle is handled incorrectly or recklessly, it is not dangerous. A rifle, like any other precision instrument, is manufactured to perform a specific task and can do so at no risk to the user or others. By earning this badge, Scouts can develop their shooting skills while learning safe practices.

| 8:30-11:30 AM | Days: Sa |
|---------------|--|
| | Maximum number of participants: 12 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 12 Prereguisites: Pre Regs: |
| | |



MBGI56 Robotics

Earning the Robotics merit badge requires a Scout to understand how robots move (actuators), sense the environment (sensors), and understand what to do (programming); he should demonstrate robot design in building a robot. You should help ensure that the Scout has sufficiently explored the field of robotics to understand what it is about, and to discover whether this may be a field of interest for him as a career.

8:30-5 PM Days: Sa

Maximum number of participants: 10 Prerequisites: Pre Reqs:



MBGI57 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. Days: Sa 8:30-11:30 AM Maximum number of participants: 10

| 2-5 PM | Days: Sa |
|--------|--|
| | Maximum number of participants: 10 |
| | Prerequisites: #1a; #1b; #1c; #1d; #2a; #2b; #2c; #2d; #2e; #4 |

MBGI58 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.

Days: Sa 2-5 PM

Maximum number of participants: 10 Prerequisites: #5a; #5b; #5c; #6a[1]; #6a[2]; #6a[3]; #6a[4]; #6b[1]; #6b[2]; #6b[3]; #6b[4]



MBGI59 Surveying

While earning this merit badge, Scouts will discover how land is measured and how it is described so that others can know where boundary lines are. They will have a chance to use some fine measuring instruments, apply advanced mathematics, operate computing equipment, and create a survey map. Days: Fr 2-5 PM

Maximum number of participants: 12 Prerequisites: Pre Reqs:



2-5 PM

MBGI60 Sustainability

Sustainability Merit Badge. Days: Fr Sa

Prerequisites: #8a.





Merit Badge University in Grand Island at Stuhr Museum



MBGI61 Textile People use countless fibers and fabrics in t

People use countless fibers and fabrics in their everyday lives: clothes, carpets, curtains, towels, sheets, upholstered furniture. Add to that list boat sails, book bindings, bandages, flags, sleeping bags, mailbags, airbags, seat belts, backpacks, parachutes, umbrellas, basketball nets, and more.

2-5 PM Days: Fr

Maximum number of participants: 10 Prerequisites: Pre Reqs:



MBGI62 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. 8:30-5 PM **Days:** Sa

Maximum number of participants: 12 Prerequisites: #1; #2



MBGI63 Truck Transportation

Trucking is a large and important industry. No matter where you live, a day is unlikely to go by when you will not see a truck. We use these vehicles to deliver almost every material item we buy. Without trucks, our economy would not work efficiently.

2-5 PM

Days: Fr

Maximum number of participants: 10 Prerequisites: #4a; #4b; #4c; #4d; #4e



MBGI64 Veterinary Medicine

The field of veterinary medicine in the 21st century is one of the most exciting medical professions in which to work. The skills of a veterinarian are practiced with cutting-edge technology and treatment options, and the profession offers a wide range of career choices.

8:30-11:30 AM Days: Su

Maximum number of participants: 10 Prerequisites: #6a; #6b



MBGI65 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. 8:30-11:30 AM **Days:** Sa

Maximum number of participants: 10 Prerequisites: #9a; #9b



MBGI66 Welding

The new Welding badge and pamphlet was released by BSA, and Scouts could begin earning the badge on February 24, 2012.

| 8:30-11:30 AM | Days: Su |
|---------------|------------------------------------|
| | Maximum number of participants: 10 |
| 8:30-11:30 AM | Days: Sa |
| | Maximum number of participants: 10 |
| 2-5 PM | Days: Fr |
| | Maximum number of participants: 10 |
| 2-5 PM | Days: Sa |
| | Maximum number of participants: 10 |
| | Prerequisites: Pre Reqs: |
| | |





Merit Badge University in Grand Island at Stuhr Museum



MBGI67 Wood Carving

As with any art, wood carving involves learning the basics of design, along with material selection and tools and techniques, as well as wood-carving safety. The requirements of the Wood Carving merit badge introduce Scouts to an enjoyable hobby and that can become a lifetime activity.

8:30-11:30 AM **Days:** Sa

Maximum number of participants: 10 Prerequisites: #2b



MBGI68 Woodwork

Wood is an amazingly versatile, practical, yet beautiful material. A skilled craftsman can use wood to fashion just about anything. As a woodworker or carpenter, you will find no end of useful, valuable, and fun items you can make yourself, from wood. 8:30-11:30 AM **Days:** Su Sa

Days: Su Sa Maximum number of participants: 10 Prerequisites: #1c; #5; #7

