



# Merit Badge University in Grand Island

## Class Catalog

### Event Contacts

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## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum

### 2026 Grand Island MBU (Scheduled Classes)



#### **GIM63 American Heritage**

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

8:30-11:30 AM **Days:** Su **Instructor:** Melissa Mohr  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 1,3c



#### **GIM64 American Indian Culture**

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.

8:30-11:30 AM **Days:** Su **Instructor:** Melissa Mohr  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs:



#### **GIM25 American Labor**

The labor movement in America seeks to ensure that the civil rights of laborers are protected in the workplace, especially in regard to wages, hours, and working conditions.

8:30-11:30 AM **Days:** Sa **Instructor:** Jason Baker  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: None



#### **GIM26 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 **Instructor:** Larry Kuhn  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 6



#### **GIM1 Archaeology**

Understand how cultures evolve and investigate the past using clues our ancestors left behind with the Archeology Merit Badge. Scouts will learn about five archaeological sites in and outside the United States and give a short presentation about their findings to a Cub Scout pack, Scout troop, or peers in their classrooms.

2-5 PM **Days:** Fr **Instructor:** Chad Nabity  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 4a, 4b, 7



#### **GIM27 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  
**Maximum number of participants:** 10  
2-5 PM **Days:** Sa  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 2d

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### GIM2 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 **Instructor:** Matt Bennett  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 1a,3,4



### GIM28 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.

8:30-11:30 AM **Days:** Sa  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 5



### GIM65 Artificial Intelligence (AI)

The Artificial Intelligence (AI) Merit Badge introduces Scouts to the fundamentals of AI and automation through hands-on activities and real-world examples. Scouts learn key terms, explore how AI and automation are used in daily life, school, and work, and examine ethical concerns like bias and privacy. They also investigate deepfakes, practice communicating effectively with AI, and apply their knowledge through a project or teaching activity. Finally, Scouts explore career paths in AI by researching or interviewing professionals in the field.

8:30-11:30 AM **Days:** Su  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 7a or b



### GIM29 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.

8:30-11:30 AM **Days:** Sa **Instructor:** Alan Grudzinski  
**Maximum number of participants:** 10  
2-5 PM **Days:** Sa **Instructor:** Alan Grudzinski  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 11a, 11b,11c



### GIM30 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.

8:30-11:30 AM **Days:** Sa **Instructor:** Troy Shubert  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 2,3,4

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### GIM55 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.

2-5 PM **Days:** Sa **Instructor:** Aaron Blender  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### GIM31 Chess- ALL SAY SATURDAY!!

Chess is among the oldest board games in the world, and it ranks among the most popular games ever created. Chess is played worldwide-even over the Internet. Players meet for fun and in competition, everywhere from kitchen tables and park benches to formal international tournaments.

8:30-5 PM **Days:** Sa **Instructor:** William Nabity  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 3,7



### GIM3 Citizenship in the Community

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

8:30-11:30 AM **Days:** Sa **Instructor:** David Plond  
**Maximum number of participants:** 15  
2-5 PM **Days:** Fr **Instructor:** David Plond  
**Maximum number of participants:** 15  
2-5 PM **Days:** Sa **Instructor:** David Plond  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 2a,3a,3b,4a,4b,4c,5,7a,7b,8



### GIM4 Citizenship in the Nation

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

8:30-11:30 AM **Days:** Sa **Instructor:** Aaron Nilson  
**Maximum number of participants:** 15  
2-5 PM **Days:** Fr **Instructor:** Aaron Nilson  
**Maximum number of participants:** 15  
2-5 PM **Days:** Sa **Instructor:** Aaron Nilson  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 5,6,7,8



### GIM5 Citizenship in the World

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

8:30-11:30 AM **Days:** Sa **Instructor:** Amy Sikes  
**Maximum number of participants:** 15  
2-5 PM **Days:** Fr **Instructor:** Amy Sikes  
**Maximum number of participants:** 15  
2-5 PM **Days:** Sa **Instructor:** Amy Sikes  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 7

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### **GIM6 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.

2-5 PM **Days:** Fr **Instructor:** Matt Butler  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: None



### **GIM6 Composite Materials- Fri & Sun Must take both classes**

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.

8:30-11:30 AM **Days:** Su **Instructor:** Matthew Butler  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### **GIM32 Crime Prevention**

Preventing crime, which can be as simple as reducing the opportunities 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.

8:30-11:30 AM **Days:** Sa **Instructor:** Michael David  
**Maximum number of participants:** 10  
2-5 PM **Days:** Sa **Instructor:** Michael David  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 10



### **GIM33 Cybersecurity**

The Cybersecurity Merit Badge equips Scouts with essential knowledge and skills to navigate and protect the digital world. Scouts learn about online safety, ethical behavior, cyber threats, and how to defend against them using tools like firewalls, antivirus software, and strong passwords. They explore encryption, connected devices, and the risks of public Wi-Fi, while also practicing safe habits like updating software and backing up data. Through hands-on activities, Scouts investigate real-world cyber incidents, participate in cybersecurity challenges, and explore career opportunities in the field.

8:30-11:30 AM **Days:** Sa  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### **GIM8 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.

2-5 PM **Days:** Fr  
**Maximum number of participants:** 5  
**Prerequisites:** Pre Reqs: 3



### **GIM7 Digital Technology**

Comprehend how electronic devices work and how to use them effectively with the Digital Technology Merit Badge. Scouts will give a brief history of the changes in digital technology and discuss how technology today compares with the technology available to previous generations—all while imagining what kinds of devices might be available to them in the future.

2-5 PM **Days:** Fr **Instructor:** William Naby  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 6

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### GIM75 Digital Technology

Comprehend how electronic devices work and how to use them effectively with the Digital Technology Merit Badge. Scouts will give a brief history of the changes in digital technology and discuss how technology today compares with the technology available to previous generations—all while imagining what kinds of devices might be available to them in the future.

2-5 PM

**Days:** Sa

**Maximum number of participants:** 10

**Prerequisites:** Pre Reqs: 6



### GIM34 Disabilities Awareness

Understand various disabilities and how they affect your friends, family, and community members with the Disability Awareness Merit Badge. Scouts will learn about the experiences of someone with a disability, explain the significance of disability etiquette, and how it may differ depending on the specific disability.

8:30-11:30 AM

**Days:** Sa **Instructor:** Terri Molt

**Maximum number of participants:** 10

2-5 PM

**Days:** Sa **Instructor:** Terri Molt

**Maximum number of participants:** 10

**Prerequisites:** Pre Reqs: 2,4



### GIM56 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.

2-5 PM

**Days:** Sa **Instructor:** Jennifer McCartney

**Maximum number of participants:** 10

**Prerequisites:** Pre Reqs: 4,5,8



### GIM35 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.

8:30-11:30 AM

**Days:** Sa **Instructor:** Matt Butler

**Maximum number of participants:** 10

2-5 PM

**Days:** Sa **Instructor:** Matt Butler

**Maximum number of participants:** 10

**Prerequisites:** Pre Reqs:



### GIM36 Electricity

Learn why electricity plays a significant role in the economy and how energy consumption impacts our daily lives with the Electricity Merit badge. Scouts will demonstrate how to respond to electrical emergencies, explain how a fuse blows or a circuit breaker trips, and complete an electrical home safety inspection. The Electricity Merit Badge is an excellent opportunity for Scouts to learn how to read an electric meter and determine their household's energy cost from meter readings.

8:30-11:30 AM

**Days:** Sa

**Maximum number of participants:** 10

**Prerequisites:** Pre Reqs: 2

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### **GIM37 Electronics**

The Electronics Merit Badge is a fun, STEM-based merit badge that will inspire Scouts to pursue a possible career in Electronics. Scouts will learn about capacitors, transistors, and resistors while grasping the basic principles of digital techniques and demonstrating how to build a control device circuit. Understand the behaviors of electrons and learn safety precautions when using, building, altering, or repairing electronic devices with the Electronics Merit Badge.

8:30-11:30 AM **Days:** Sa  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### **GIM9 Emergency Preparedness**

Scouts 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 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:** Pre Reqs: 3a,3b,3c,9



### **GIM38 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 **Instructor:** Matt Butler  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### **GIM39 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 **Instructor:** Penny Evans  
**Maximum number of participants:** 10  
8:30-11:30 AM **Days:** Sa **Instructor:** Penny Evans  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 2a, 6



### **GIM40 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 **Instructor:** Cody Kraus  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 1b, 5



### **GIM41 Fingerprinting**

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

8:30-11:30 AM **Days:** Sa **Instructor:** Michael David  
**Maximum number of participants:** 10  
2-5 PM **Days:** Sa **Instructor:** Michael David  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: None

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### **GIM62 Fire Safety**

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

8:30-11:30 AM **Days:** Su  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 5d,5g,8e,8h



### **GIM42 First Aid- ALL DAY SATURDAY!**

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.

8:30-5 PM **Days:** Sa  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 14



### **GIM10 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:** Pre Reqs: 5,7



### **GIM43 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:** Pre Reqs: 2,4,8



### **GIM44 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.

8:30-11:30 AM **Days:** Su Sa **Instructor:** James Lounsbury  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 7,8,9  
MUST WEAR HIKING BOOTS



### **GIM45 Horsemanship**

In addition to learning how to safely ride and care for horses, Scouts who earn this merit badge will gain an understanding of the instincts and behaviors of horses and humane and effective methods for training horses.

8:30-11:30 AM **Days:** Su Sa  
**Maximum number of participants:** 6  
**Prerequisites:** PRe Reqs: 3b, 5b

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### **GIM11 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.

2-5 PM           **Days:** Fr   **Instructor:** Penny Evans  
**Maximum number of participants:** 10  
 2-5 PM           **Days:** Sa   **Instructor:** Penny Evans  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 3b, 5b



### **GIM68 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   **Instructor:** Steve White  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 2,4



### **GIM12 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:** Pre Reqs: 4,6,7



### **GIM57 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.

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



### **GIM13 Metalwork- Blacksmith**

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  
**Maximum number of participants:** 6  
 8:30-11:30 AM   **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

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### **GIM14 Metalwork- Tinsmithing**

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  
**Maximum number of participants:** 6

8:30-11:30 AM **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



### **GIM46 Moviemaking**

Moviemaking is a way to tell stories visually through the art and science of motion picture photography.

8:30-11:30 AM **Days:** Sa **Instructor:** Steve White  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 2d



### **GIM15 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.

2-5 PM **Days:** Fr **Instructor:** Randi Pennell  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 1,3



### **GIM58 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 **Instructor:** Becky Furtado  
**Maximum number of participants:** 10

2-5 PM **Days:** Sa **Instructor:** Becky Furtado  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### **GIM16 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 **Instructor:** Carmen Larson  
**Maximum number of participants:** 15

8:30-11:30 AM **Days:** Sa **Instructor:** Carmen Larson  
**Maximum number of participants:** 15

2-5 PM **Days:** Fr **Instructor:** Carmen Larson  
**Maximum number of participants:** 15

2-5 PM **Days:** Sa **Instructor:** Carmen Larson  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 2a,2b,2c,2d,8a,8b,8c

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### GIM17 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  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 7



### GIM70 Plant Science

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

8:30-11:30 AM **Days:** Su **Instructor:** Colin Kennedy  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### GIM18 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 **Instructor:** Aaron Blender  
2-5 PM **Days:** Fr **Instructor:** Aaron Blender  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: None



### GIM19 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  
**Prerequisites:** Pre Reqs: None



### GIM71 Reptile and Amphibian Study

Kids 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 **Instructor:** Kathy Nabity  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 8a,8b,9a,9b



### GIM47 Rifle Shooting

The Rifle Shooting merit badge shows you how a rifle works, how to handle it safely, and how to care for it. There is much more to shooting than squeezing the trigger. Once you have learned the fundamentals of rifle shooting, you can begin to apply them to various rifle-shooting sports and activities.

8:30-11:30 AM **Days:** Sa  
**Maximum number of participants:** 15  
2-5 PM **Days:** Sa  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs: 1a thru 1j

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### **GIM48 Robotics**

Build your own working robot with the Robotics Merit Badge. Learn about the robotics industry, discover the different fields of robotics, explore the available career options in robotics, and design, build, program and test your own robot.

2-5 PM

**Days:** Sa **Instructor:** Avery Hoffmann  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 4



### **GIM72 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.

8:30-11:30 AM

**Days:** Su  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 2d,2e,2f.3b



### **GIM59 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.

2-5 PM

**Days:** Sa **Instructor:** Jimmy Reed  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs;



### **GIM49 Scouting Heritage**

Explore the origins of the Scouting movement by earning the Scouting Heritage Merit Badge. Scouts will learn about the life and times of Lord Baden-Powell, discover how Scouting grew in the United States, and understand how Scouting's programs have developed and adapted over time.

8:30-11:30 AM

**Days:** Sa  
**Maximum number of participants:** 15

2-5 PM

**Days:** Sa **Instructor:** Josh Sikes  
**Maximum number of participants:** 15  
**Prerequisites:** Pre Reqs:



### **GIM61 Signs, Signals, and Codes**

The Signs, Signals and Codes merit badge covers a number of the nonverbal ways we communicate: emergency signaling, Morse code, American Sign Language, braille, trail signs, sports officiating hand signals, traffic signs, secret codes and more.

2-5 PM

**Days:** Sa **Instructor:** Christopher Bengert  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### **GIM50 Soil and Water Conservation**

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

8:30-11:30 AM

**Days:** Sa  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### GIM20 Stamp Collecting

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

8:30-11:30 AM **Days:** Su **Instructor:** Terri Molt  
**Maximum number of participants:** 10  
2-5 PM **Days:** Fr **Instructor:** Terri Molt  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 8



### GIM21 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.

8:30-11:30 AM **Days:** Su **Instructor:** Brian Melies  
**Maximum number of participants:** 10  
2-5 PM **Days:** Fr **Instructor:** Brian Melies  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: None



### GIM22 Sustainability

Learn to reduce waste and teach sustainable practices to others so you can help conserve Earth's resources with the Sustainability Merit Badge. Scouts will develop and implement a plan to reduce their water usage, household food waste, and learn about the sustainability of different energy sources, including fossil fuels, solar, wind, nuclear, hydropower, and geothermal.

8:30-11:30 AM **Days:** Su **Instructor:** Ben Newton  
**Maximum number of participants:** 10  
2-5 PM **Days:** Fr **Instructor:** Ben Newton  
**Maximum number of participants:** 10  
2-5 PM **Days:** Sa **Instructor:** Ben Newton  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Req: 8a



### GIM23 Textile

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 **Instructor:** Kathy Nabity  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: None



### GIM51 Theater - ALL DAY SATURDAY!!

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:** 15  
**Prerequisites:** Pre Reqs: 1,2

## Class Catalog

Merit Badge University in Grand Island at Stuhr Museum



### GIM52 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.

8:30-11:30 AM **Days:** Sa  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 4a,4b,4c,4d,4e



### GIM74 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 **Instructor:** Jennifer McCartney  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs:



### GIM24 Welding

Welding is the process of joining with a weld - joining or combining similar pieces of metal by heating them with a flame torch or an electric current, then hammering or pressing them together while they are soft. Welding plays a major role in our modern world, and mastery of the skill can lead to exciting career opportunities. Someday, you may have an opportunity to experience exciting new career paths in welding.

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: None



### GIM53 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:** Pre Reqs: 2b



### GIM54 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 **Instructor:** Will Winchester  
**Maximum number of participants:** 10  
**Prerequisites:** Pre Reqs: 1c, 5, 7