



2025 - University of Scouting - Fall Semester @ Purdue

Class Catalog

Event Contacts

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Visit www.scoutingevent.com/162-2025_UOSPurdue to register



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2025 - University of Scouting - Fall Semester @ Purdue University - Presented by IU Health: Saturday at Purdue University

2025 Fall U of S Adult Classes (Scheduled Classes)

25FA15	9-12 PM		Scouting America Angling Educator Course Everything you need to know to take your Scouts Fishing! The program is designed to give a student who has never fished the skills and knowledge, both practical and ethical, to go to a pond and be immediately successful. *Certificate and patch will be distributed upon completion. Maximum number of participants: 54
25FA11	9-10 AM		Best Methods for Boards of Review You have to do them, but how do you do it? Come learn some best methods on how to conduct non-Eagle Scout Boards of Review Maximum number of participants: 180
25FA1	9-10 AM		Cold Weather Camping Cold weather camping requires specific preparation to stay warm and safe. This includes choosing the right gear, layering clothing, and understanding how to manage condensation and potential hazards. Come learn some tips and tricks on how to BE PREPARED for the cold! Maximum number of participants: 108
25FA6	9-4 PM		CPR/First Aid Training The course trains participants with the knowledge and skills needed to provide professional-level care for breathing and cardiac emergencies for adults, children, and infants until advanced emergency medical services (EMS) professionals take over. Max of 9 participants per class. Maximum number of participants: 9
25FA13	9-11 AM		How to Navigate 1 Class to Eagle! Navigating 1st Class to Eagle: Leadership Positions, Eagle Projects, Youth Leadership Best Methods, Eagle Scout Process, Paperwork, and more! Open to Leaders and Parents and Scouts who are already 1st Class or above. Maximum number of participants: 40
25FA12	9-10 AM		Order of the Arrow and My Troop and OA Troop Representative Program and Unit of Excellence; What Is it and how can I start? For over 100 years, the Order of the Arrow (OA) has recognized Scouts and Scouters who best exemplify the Scout Oath and Law in their daily lives. This recognition provides encouragement for others to live these ideals as well. Arrowmen are known for maintaining camping traditions and spirit, promoting year-round and long term resident camping, and providing cheerful service to others. OA service, activities, adventures, and training for youth and adults are models of quality leadership development and programming that enrich and help to extend Scouting to America's youth. Come learn how to maximize the OA in your Troop in this back to back class chalked full of OA knowledge. Maximum number of participants: 50

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25FA2 9-11 AM
WALC 3090
Michelle Zaremba



QPR (Question, Persuade, Refer) Suicide Prevention Training provided by Mental Health America

Three steps anyone can learn to help prevent suicide. Just like CPR, QPR is an emergency response to someone in crisis and can save lives. The QPR mission is to save lives and reduce suicidal behaviors by providing innovative, practical and proven suicide prevention training. We believe that quality education empowers all people, regardless of their background, to make a positive difference in the life of someone they know. 2-hour course. (70-person max capacity)

Maximum number of participants: 60

25FA4 9-3 PM
WALC 3127
Dr. George Avery



Scoutmaster/Assistant Scoutmaster Leader Training (full day session)

The purpose of Scoutmaster Position-Specific training is to provide an active, fun, and positive learning experience for new and experienced Scoutmasters to learn and apply proven techniques for running an effective Scouts BSA troop. Scoutmasters will learn how to meet the aims of Scouting by applying the eight methods of the Boy Scouting program during the four main sessions of the course: • Patrol Method • Support Team • Advancement • Annual Planning

Maximum number of participants: 45

25FA8 10-11 AM
WALC 3154
Tony Zizak



Adults Can Have Fun Too

Ever wonder how other troops have so many parents involved especially on campouts. You hear how some troops have all kinds of parent involvement on committees, boards of review but your unit is struggling with the same 2-3 adults doing everything? Can you hear the laughing going on in the next campsite and wonder how you can have more of that in your unit? Well, it's easier than you think. Adults are allowed to have fun in scouts too! Join us in a lively and fun discussion on the art of bringing the fun for adults in your scout units. PS... this also works for recruiting adults for district and council level events. Some quick and fun steps to immediately take to put your troop on the right path for a strong adult leadership core.

The long play on building out a strong adult leadership core.

Why role assignments are needed

The art of delegation and building of trust

Finally some open discussion and examples of what has worked for others.

Maximum number of participants: 50

25FA9 10-12 PM
WALC 1132
Paul Haydock



Catholic Religious Emblems Counselor Training

Those working with Boy Scouts on either Ad Altare Dei or Pope Pius XII must be a certified Religious Emblems Counselor. This session will provide that basic training.

Maximum number of participants: 108

25FA7 10-11 AM
WALC 1018
Dwight Cline



Concepts of Dutch Oven Cooking

We won't be actually cooking with the dutch ovens but learning the best methods to doing so, so that when we are on our Scouting journey you can have the tools in your toolbox to make some yummy grub!!

Maximum number of participants: 180

25FA3 11-12 PM
WALC 3154
Jason Noland



Duty to God: How to incorporate the religious emblems program into my unit

Come learn from the CEO of PRAY how to best incorporate the religious emblems program into your Pack and Troop.

Maximum number of participants: 50

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25FA14 11-12 PM
WALC 3090
Linda Gunter



Let's Talk Woodbadge!

Wood Badge is an amazing opportunity for personal and professional growth mixed with fun. Leaders learn skills to help them grow, communicate, connect, guide, live the Scouting values, and empower others. Come see: Why Wood Badge!

Maximum number of participants: 60

25FA16 11-12 PM
WANG 3501
Jennifer Heap



Microelectronics Escape Room! (Adults Only)

This session is for leaders only! This escape room activity challenges the basic fundamentals for microelectronics. It allows participants to utilize microelectronics and circuitry to "escape" from the experience. It will be a great introduction for micro:bits, logic gates, and circuitry for adults and SO MUCH FUN!

Maximum number of participants: 30

25FA15 1-4 PM
WALC 3122
Jim Ridgeway



Scouting America Angling Educator Course

Everything you need to know to take your Scouts Fishing! The program is designed to give a student who has never fished the skills and knowledge, both practical and ethical, to go to a pond and be immediately successful.

*Certificate and patch will be distributed upon completion.

Maximum number of participants: 54

25FA5 2-3 PM
WALC 1018
Katrina Glass



How to Host a Camporee

Camporees provide seasonal multi-troops camping opportunities to serve as supplemental Troop/Crew programming. They take your Units monthly campouts to the next level often with a theme and built in competition. Come learn some best methods on how to host the best camporee your Council has ever seen!

Maximum number of participants: 180

25FA10 2-3 PM
WALC 3090
Derrian Ruess



Scoutbook: How Can We Use it in Our Unit?

There is nothing more rewarding than helping Scouts through their Scouting journey and down the path to success. But sometimes the act of leading can get lost in the act of reporting, limiting the amount of time actually spent with Scouts. Scoutbook provides access to valuable tools and resources that will help with the day-to-day management of a unit, giving every leader more of what they need most: TIME. With Scoutbook you can create customizable calendar of events, send text messaging alerts to Scouts and parents, easily access trainings and leadership resources... and so much more! Come learn how to utilize this amazing tool!

Maximum number of participants: 60

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2025 Fall U of S Merit Badge Classes (Scheduled Classes)

25FM1 9-12 PM
ARMS 3109
Sanford Swanson



American Business

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

Maximum number of participants: 15

Prerequisites: Prerequisite: 5

25FM5 9-12 PM
ARMS 1103
Amber Brad



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.

Maximum number of participants: 15

Prerequisites: No Prerequisites

25FM7 9-4 PM
STON 154
Dr. Kory Cooper



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: One of Req 7. Note: Some of the requirements for the Archaeology badge cannot be performed in a single day. During the session, several of the items that would be difficult for scouts to accomplish out on their own will be discussed for ideas on how to complete the badge.

NOTE: This class is taught by Dr. Kory Cooper and Dr. Michele Buzon

25FM8 9-2 PM
Camp Buffalo
Argent Rattray



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.

Maximum number of participants: 8

Prerequisites: No Prerequisites

This class is taught offsite at Camp Buffalo, 9400 N Boy Scout Rd, Monticello, IN 47960 (Approximately 1 hour away from the Purdue campus)

Class times are: 9 AM-1 PM (Session 1) and 2-6 PM (Session 2)

NOTE: This class is taught offsite at Camp Buffalo, 9400 N Boy Scout Rd, Monticello, IN 47960

25FM10 9-4 PM
BRNG 2275
Susanna Nichols



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

Maximum number of participants: 10

Prerequisites: No Prerequisites

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25FM172 9-4 PM
SC G46
Colin Stauffer



ARTIFICIAL INTELLIGENCE (AI)

Earning the Artificial Intelligence Merit Badge helps Scouts learn about the fundamentals of AI, automation, and their applications in everyday life, education, and careers. Scouts will explore ethical considerations and develop practical skills for working with AI.

Maximum number of participants: 20

Prerequisites: Prerequisites: None

*This class is too extensive for just 3 hours, but will probably not take the whole 6 hours to complete and will likely take 4-5 hours.

25FM11 9-4 PM
BRNG B232
George Wyncot



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 4. Do the following (if instruction is done in a planetarium, Scouts must still identify the required stars and constellations outside under the natural night sky):

(a) Identify in the sky 10 constellations, at least four of which are in the zodiac.

(b) Identify in the sky eight conspicuous stars, five of which are of magnitude 1 or brighter.

(c) Make two sketches of the Big Dipper or Cassiopeia from direct observation. In one sketch, show the Big Dipper's or Cassiopeia's orientation in the early evening sky. Make another sketch, showing its position several hours later. In both sketches, show the North Star and the horizon. Record the date and time each sketch was made.

(d) Explain what we see when we look at the Milky Way.

5(b) Using the Internet (with your parent or guardian's permission) and other resources, find out when each of the five most visible planets that you identified in requirement 5a will be observable in the evening sky during the next 12 months, then compile this information in the form of a chart or table.

6(b) Sketch the phase and position of the Moon, at the same hour and place, for four nights (or days) within a one-week period by direct observation. Include landmarks on the horizon such as hills, trees, and buildings. Explain the changes you observe.

9. Do ONE of the following:

(a) Identify three career opportunities that would use skills and knowledge in astronomy. Pick one and research the training, education, certification requirements, experience, and expenses associated with entering the field. Research the prospects for employment, starting salary, advancement opportunities and career goals associated with this career. Discuss what you learned with your counselor and whether you might be interested in this career.

(b) Identify how you might use the skills and knowledge in astronomy to pursue a personal hobby. Research the additional training required, expenses, and affiliation with organizations that would help you maximize the enjoyment and benefit you might gain from it. Discuss what you learned with your counselor and share what short-term and long-term goals you might have if you pursued this."

25FM147 9-4 PM
HAMP 1113
Johnny Klemme



Auctioneering

The Auctioneering Badge is a dynamic blend of public speaking and salesmanship that offers Scouts the opportunity to develop essential communication and persuasion skills. Scouts will learn about the history of auctioneering, develop presentation techniques, and build rapport with an audience. They'll engage in mock auctions to practice creating demand and closing deals while also learning how to handle challenges and uphold ethical standards. This badge fosters confidence and critical thinking skills that are powerful tools for personal growth, leadership roles, and future success.

Maximum number of participants: 15

Prerequisites: No Prerequisites

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What is the Test Lab?

The Scouts BSA Test Lab is an exciting way to help in the development of fun and interesting new topics unique to the Scouts BSA program. The requirements for each badge have the look and feel of merit badges, but instead of a printed pamphlet, you will find links to digital resources to help you complete the requirements.

What to do:

You must work with a registered adult volunteer of your choosing. After completion of all requirements, you must take a short survey which will lead you to a certificate of completion.

If enough surveys show Scouts enjoyed these potential new badges, we hope to introduce them as official merit badges in the future. If you complete a Test Lab badge and it becomes an official merit badge, you will be credited with having earned that badge!

Keep logging in to this page to see what new topics are added as each badge will have a test lab expiration date.

Test Lab Rules:

1. Any registered adult can work with Scouts on these potential new badges.
2. Badges will have a clearly stated time period by which all requirements must be completed.
3. After the expiration date, the badge will be removed from the Test Lab and the National Council will evaluate if the subject should be added as a new merit badge.
4. When all requirements are finished successfully, a survey will be available to gather opinions on the badge. Scouts will then be able to access the certificate of completion which must be signed and dated by the registered adult they have worked with.
5. Should the badge be approved as a new merit badge, Scouts can be credited as having earned that badge if they present their signed and dated certificate to their unit.
6. Scouts completing the requirements after the expired time period will not be recognized as having earned the badge.

25FM13 9-4 PM
GA&T
Clint Johnson



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.

Maximum number of participants: 15

Prerequisites: Requirements 1(g), 12

This class is taught offsite at Guaranteed Automotive and Transmission, 3742 State Rte 38, Lafayette, IN 47905

NOTE: This class is taught offsite at Guaranteed Automotive & Transmission, 3742 State Rte 38, Lafayette, IN 47905

25FM14 9-12 PM
Airport
Anthony Clevinger



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.

Maximum number of participants: 20

Prerequisites: Prerequisites: 3B (provide link to Digital Content: <https://www.scouting.org/skills/merit-badges/digital-resource-guides/aviation/>)

This class is taught offsite at the Purdue Airport, 1585 Aviation Dr, West Lafayette, IN 47907

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NOTE: This class is taught offsite at the Purdue Airport, 1585 Aviation Dr, West Lafayette, IN 47907

25FM15 9-12 PM
BHEE 224
Daniel Dehn



Backpacking & Hiking Combo

Earning the Backpacking merit badge will be demanding but rewarding. Scouts will learn what equipment to carry on their backs and what knowledge to have in their heads. In addition, Scouts will discover how to protect the environment by traveling and camping without leaving a trace. By mastering the basics of backpacking, Scouts will develop an even deeper respect for the outdoors.

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

Maximum number of participants: 15

Prerequisites: Prerequisites:

Backpacking: Ideally Requirements 9-11 are to be completed after the workshop, however they may be done in advance as a pre-requisites provided they fulfill the requirements as written. Scouts should complete Requirements 6b, 8b, 8c, 8d prior to the workshop.

Hiking: Ideally Requirements 3 and 4 are to be completed after the workshop, however they may be done in advance as a pre-requisites provided they fulfill the requirements as written. The required hikes for this badge may be used in fulfilling hiking requirements for rank advancement. However, these hikes cannot be used to fulfill requirements of other merit badges."

25FM16 9-4 PM
BRNG 1268
Tammy Mayrend



Basketry

Basketry is a handy skill for a Scout. A basket can be a sturdy companion on campouts, carrying clothes snugly and efficiently, holding potatoes and corn for roasting over a campfire, or carrying the day's fishing catch back to camp for dinner. Baskets and basket-weaving projects also make great gifts for family and friends.

Maximum number of participants: 15

Prerequisites: No Prerequisites

25FM154 9-4 PM
HAMP 2102
John Dunning



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.

Maximum number of participants: 20

Prerequisites: Prerequisites: Requirement 5

25FM18 9-12 PM
HAGLE
Mo Trout



Bugling

The Bugling merit badge was one of the original 57 merit badges issued by the Boy Scouts of America in 1911

Maximum number of participants: 15

Prerequisites: Prerequisites: Requirement 6. Additionally, scout must have experience on trumpet, cornet or bugle.

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25FM19 9-4 PM
HHS
Gabe Benninghoff



Canoeing

For several centuries, the canoe was a primary method of travel for explorers and settlers. Today, it remains an important part of the wilderness experience and an enjoyable leisure activity that teaches communication, teamwork, and physical fitness.

Maximum number of participants: 6

Prerequisites: Prerequisites: 2 - Scout must be classified as a BSA Swimmer

This class is taught offsite at Harrison High School, 5701 N 50 W, West Lafayette, IN 47906

NOTE: This class is taught offsite at Harrison High School; 5701 N 50 W, West Lafayette, IN 47906

25FM20 9-12 PM
BRNG B222
Brooke Boyden



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.

Maximum number of participants: 20

Prerequisites: Pre-requisites: 2b, 3a, 4a, and 4b.

NOTE: This class is taught by Ian Alford, Jayna Enguita, and Brooke Steeno

25FM21 9-12 PM
WALC 2121
Adi Budaraju



Chess

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

Maximum number of participants: 20

Prerequisites: No Prerequisites

25FM166 9-12 PM
MSEE B010
Cole Philipczak



Citizenship in Society with Cole Philipczak

"Discussion" requirements will be either with a counselor and another individual (in accordance with Youth Protection Guidelines <https://www.scouting.org/health-and-safety/gss/gss01/>), or with your counselor and a small group (of Scouts), depending upon your preference.

Maximum number of participants: 8

Prerequisites: Prerequisites: 1(a) and 2(a)

25FM124 9-12 PM
ARMS 1021
Ebony Barrett



Citizenship in Society with Ebony Barrett

"Discussion" requirements will be either with a counselor and another individual (in accordance with Youth Protection Guidelines <https://www.scouting.org/health-and-safety/gss/gss01/>), or with your counselor and a small group (of Scouts), depending upon your preference.

Maximum number of participants: 16

Prerequisites: Prerequisites: 1(a) and 2(a)

25FM165 9-12 PM
LWSN B134
Alyssa Bischof



Citizenship in the Community with Alyssa Bischof and Luisa White

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

NOTE: This class is taught by Alyssa Bischof and Luisa White

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25FM159 9-12 PM
HAMP 2123
Amy Austin



Citizenship in the Community with Amy Austin

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Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM145 9-12 PM
BRNG 1243
Chris Campbell



Citizenship in the Community With Chris Campbell

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM170 9-12 PM
PHYS 111
Kathy Parker



Citizenship in the Community with Kathy Parker

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM125 9-12 PM
BRNG 1242
Michael Budd



Citizenship in the Community With Michael Budd

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM175 9-12 PM
PHYS 238
Sarah Witgen



Citizenship in the Community with Sarah Witgen

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM173 9-12 PM
PHYS 201
Stephen Snyder



Citizenship in the Community with Stephen Snyder

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

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25FM126 9-12 PM
BHEE 117
Angel Valentin



Citizenship in the Nation with Angel Valentin

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2, 3, and 8. Please also bring a roster of names, home addresses, Unit number, and the names of your state and national elected officials (Senators and Representatives).

25FM161 9-12 PM
HAMP 3153
Melissa Dotson



Citizenship in the Nation with Melissa Dotson

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 7 Choose ONE: A-C, 3, and 8. Please also bring a roster of names, home addresses, Unit number, and the names of your state and national elected officials (Senators and Representatives).

25FM176 9-12 PM
PHYS 331
Paul Amaya



Citizenship in the Nation with Paul Amaya

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2, 3, and 8. Please also bring a roster of names, home addresses, Unit number, and the names of your state and national elected officials (Senators and Representatives).

25FM127 9-4 PM
ARMS 1028
Mike Ferris



Citizenship in the World with Mike Ferris

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

Maximum number of participants: 16

Prerequisites: Prerequisites: 4(b), 7(a) and 7(b). This Merit Badge is recommended for Scouts who are at least First Class or 13 years old.

25FM174 9-4 PM
PHYS 202
Richard McClurg



Citizenship in the World with Richard McClurg

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

Maximum number of participants: 8

Prerequisites: Prerequisites: 4(b), 7(a) and 7(b). This Merit Badge is recommended for Scouts who are at least First Class or 13 years old.

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25FM22 9-4 PM
CoRec
Bri Schroeder



Climbing with Bri Schroeder

Climbing is not a sport that requires tremendous muscular strength; it demands mental toughness and the willingness to practice hard to master a set of skills. The adventure of climbing can also provide a new way to enjoy the outdoors.

Additional Fee: \$30.00

Maximum number of participants: 10

Prerequisites: No Prerequisites

25FM152 9-4 PM
Climb Lafayette
Stephen Backus



Climbing with Stephen Backus

Climbing is not a sport that requires tremendous muscular strength; it demands mental toughness and the willingness to practice hard to master a set of skills. The adventure of climbing can also provide a new way to enjoy the outdoors.

Additional Fee: \$30.00

Maximum number of participants: 20

Prerequisites: No Prerequisites

This class is taught offsite at Climb Lafayette, 4650 Dale Dr, Lafayette, IN 47905

NOTE: This class is taught offsite at Climb Lafayette, 4650 Dale Dr, Lafayette, IN 47905

25FM23 9-12 PM
HAMP 2107
Dennis Dunten



Coin Collecting

Coin collecting is one of the oldest of all hobbies. Hoards of ancient coins found in excavations indicate that coins were one of the first collectibles. From earliest times, people valued coins not only as a means of trading and storing wealth, but also as miniature works of art.

Maximum number of participants: 15

Prerequisites: Prerequisites: 4a-f (collect all the coins listed) and 7a-c (collect the coins and/or money listed) and 7d 1-4. Bring coins/monies collected to class.

25FM128 9-4 PM
HAMP 3144
Sarah Babcock



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."

Maximum number of participants: 10

Prerequisites: Prerequisites: 2(a) or (b). Requirements 5 and 8 must be done in advance. For Requirement 3 please have your speech written. For Requirement 4, please interview an individual and write the introduction. Must have Cyber Chip Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM25 9-4 PM
BRNG 1238
Donovan Stumpf



Composite Materials With the Purdue Materials Science and Engineering Graduate Student Association

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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 4(b), 6

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

NOTE: Part of the day will be spent in computer lab 117.

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25FM26 9-4 PM
POLICE DEPT.
Sgt.Jon Selke



Crime Trio

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.

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.

Staying safe in traffic wherever you live is getting more difficult all the time, as more and more people take to the road. Earning the Traffic Safety merit badge and will give Scouts some crucial tools to stay safer, when driving a car on a highway, riding a bike across town, or jogging across a busy street.

Maximum number of participants: 15

Prerequisites: Prerequisites:

Crime Prevention: 3(a) and 4(b)

Fingerprinting: 1

Traffic Safety: None

This class is taught at the Purdue University Police Department, 205 S Martin Jischke Dr, West Lafayette, IN 47907

NOTE: This class is taught at the Purdue University Police Department, 205 S Martin Jischke Dr, West Lafayette, IN 47907

25FM171 9-4 PM
SC 289
Brian Beck



Cybersecurity

Earning the Cybersecurity Merit Badge can help Scouts understand how to stay safe online, protect their information, and learn about the systems and tools used to defend against cyber threats. Scouts will also explore ethics, careers, and hands-on activities related to cybersecurity.

Maximum number of participants: 15

Prerequisites: Prerequisites: 1A

Note: You will need to bring a laptop computer if you have access to one.

25FM153 9-12 PM
BHEE 129
Bob Burchell



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.

Maximum number of participants: 20

Prerequisites: Prerequisites:

2. Describe your state and local laws concerning bicycles. Discuss what is the same and what is different from laws applying to motor vehicles. Explain where and how you should ride on roads and streets to include lane position, changing lanes, making left and right turns, and riding through intersections.

6. Using the Scouting America buddy system, complete all of the requirements for ONE of the following options: Road Biking OR Trail or Mixed Surface Biking. These requirements may be completed using a road bike, mountain bike or other properly equipped, manually-powered cycle such as a gravel bike, tandem bike, hand-powered bike, recumbent bike, adult tricycle, or adaptive cycle. If a tandem bike is used, the Scout must actively power the cycle in concert with the other rider."

Since it is a prerequisite that each cyclist doing the merit badge complete all ride requirements prior to the class at University of Scouting, all I will require is a typed and printed document with a statement that the cyclist has completed all ride requirements and this statement is signed off on by the unit's Scoutmaster.

Now on the matter of tracking miles... there are a few methods but the preferred way I

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recommend is to use Strava, a free app. Yes, this requires use of (carry on rides) a smart phone but most individuals, including youth, have one and would carry it on a ride anyway. Strava keeps a good record of mileage, routes, and ride stats and also allows them to avoid having to purchase and use a handlebar mounted computer, which is the second preferred method of tracking, but only for those that don't have a smart phone (although some cyclists prefer to use a computer anyway).

Using Strava will allow unit Scoutmasters to easily view the rides and routes that cyclists do for the merit badge.

Should you have any additional questions regarding this merit badge, you can message Bob directly at bburchell@indy.rr.com.

25FM27 9-12 PM
KDC
Dr. Sydney VanArsdel



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: Requirement 7

***This class is taught offsite, from 8:30AM - 11:30AM, at Klondike Dental Care, 3412 Klondike Road, West Lafayette, IN 47906

NOTE: *This class is taught offsite from 8:30 AM - 11:30AM at Klondike Dental Care 3412 Klondike Road West Lafayette, IN 47906**

25FM28 9-12 PM
SC 179
Jonathan Bohlmann



Digital Technology & Programming

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.

Scouts will learn about the evolution of programming and its languages, intellectual property, code modification, debugging, and what kinds of careers are available in IT while they work on this merit badge!

Maximum number of participants: 16

Prerequisites: Prerequisites:

Digital Tech: 1, 5, 6, 9

Programming: 1a, Cyber Chip

Must Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM29 9-12 PM
BHEE 234
Tom Hoffer



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: None

NOTE: this class is instructed by Thomas Hoffer and Grace Jackson

25FM30 9-12 PM
BRNG B230
Dr. Rhonda Katter



Dog Care & Pets

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.

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Pet ownership is a mixture of fun, excitement, responsibility, commitment, expense, and learning. Besides providing a window into the animal world, owning pets gives us opportunities to participate in activities that strengthen the human-animal bond. Pet ownership teaches us about the responsibility we have to the other living beings on this planet, and pets can be just plain fun.

Maximum number of participants: 6

Prerequisites: Prerequisites: Requirements 4, 8 and 9 for Dog Care and Requirement 1, 2 and one from 4 for Pets. Hello, my name is Rhonda Katter. I will be offering 2 merit badges during the Purdue University of scouting for Dec 2025.

Dog Care will be offered during the 3 hour session (see prerequisites listed below) . You may also bring your work for the Pets merit badge requirements for me to review at the end of the class discussion. You may elect to take only the Dog Care merit badge or take Dog Care and Pets. Due to the class time provided, I am not offering an only Pets merit badge option.

For Pets merit badge, you must email me (rnkatter@gmail.com) the type of pet that you will be caring for over the next 4 months and a general plan for that care. Once I reply to your email with approval, you may start the 4 months of recording care (prerequisite #1).

Bring #2 requirement to the class. #3 requirement can be approved via email at least 1 week prior to the class. For #4 requirement, please bring pictures or video to class (or email them to me prior to class).

For Dog Care merit badge prerequisites:

complete #4

a video of #5 may be presented in class (or emailed to me prior to class)

#8 and bring a written report to class (or email to me prior to class)

#10 (a) or (b) and bring a written report to class (or email to me prior to class).

PLEASE NOTE THAT #4 FOR DOG CARE AND #1 FOR PETS CANNOT OVERLAP. IF YOU ARE DOING BOTH MERIT BADGES, YOU WILL NEED TO SHOW 6 MONTHS TOTAL OF CARE.

Please remember to copy another adult in all of your email correspondences. This adult can be a parent, guardian, or scout leader. All emails should include your full name and the prerequisite # that you are submitting.

This class will be limited to 6 students to allow time to review all the prerequisite work and have time for class discussions.

Sincerely,

Rhonda Katter"

25FM31 9-12 PM
WTHR 114
David Papineau



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

Maximum number of participants: 15

Prerequisites: Prerequisites: 3. Produce a computer-aided design (CAD) drawing as it would be used in manufacturing. Fill in all title block information. The CAD drawing may be any one of the following drawing types:

(a) Architectural: Make a scale drawing of an architectural project. The architectural drawing may be a floor plan; electrical, plumbing, or mechanical service plan; elevation plan; or landscaping plan. Use an architect's scale and show dimensions to communicate the actual size of features. Include any important sectional drawings, notes, and considerations necessary for construction.

(b) Mechanical: Make a scale drawing of some mechanical device or interesting object. The mechanical drawing may be of the orthographic or isometric style. Use an engineer's scale and show dimensions to communicate the actual size of features. Include any important sectional drawings, notes, and manufacturing considerations.

(c) Electrical: Draw a simple schematic of a radio or electronic circuit. Properly print a bill of materials including all of the major electrical components used in the circuit. Use standard drawing symbols for the electronic components.

7. Do ONE of the following:

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- (a) Visit a facility or industry workplace where drafting is part of the business. Ask to see an example of the work that is done there, the different drafting facilities, and the tools used.
- (1) Find out how much of the drafting done there is manual and how much is done using CAD. If CAD is used, find out what software is used and how and why it was chosen.
- (2) Ask about the drafting services provided. Ask who uses the designs produced in the drafting area and how those designs are used. Discuss how the professionals who perform drafting cooperate with other individuals in the drafting area and other areas of the business.
- (3) Ask how important the role of drafting is to producing the end product or service that this business supplies. Find out how drafting contributes to the company's end product or service.
- (b) Using resources you find on your own such as at the library and on the Internet (with your parent or guardian's permission), learn more about the drafting trade and discuss the following with your counselor.
- (1) The drafting tools used in the past - why and how they were used. Explain which tools are still used today and how their use has changed with the advent of new tools. Discuss which tools are being made obsolete by newer tools in the industry.
- (2) Tell what media types were used in the past and how drawings were used, stored, and reproduced. Tell how the advent of CAD has changed the media used, and discuss how these changes affect the storage or reproduction of drawings.
- (3) Discuss whether the types of media have changed such that there are new uses the drawings, or other outputs, produced by designers. Briefly discuss how new media types are used in the industry today."

25FM32 9-12 PM
IT-LUAB
Ben Tiefel



Electricity

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

Maximum number of participants: 35

Prerequisites: Prerequisites: 2, 11

This class is taught offsite at Ivy Tech Lamkin Union Apprenticeship Building; 2953 S Creasy Lane, Lafayette, IN

NOTE: This class is taught offsite at Ivy Tech Lamkin Union Apprenticeship Bldg. 2953 S Creasy Lane, Lafayette, IN

25FM33 9-4 PM
BRNG B260
AI Harvath



Electronics with AI Harvath

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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 6

25FM131 9-4 PM
BRNG B206
Jimerie Salazar



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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 1, 2(b), 3, 4, 6 C, 9(c-d)

NOTE: This class is taught by Jimerie Salazar and Cathy Mitchell

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25FM34 9-4 PM
HAMP 2113
Joe Spear



Energy

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

Maximum number of participants: 15

Prerequisites: Prerequisites: 1(a), 4, 6

25FM35 9-12 PM
BRNG 1222
Charles Behrman



Engineering With Purdue American Nuclear Society, Noraa Silver

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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 1 & 2

25FM132 9-4 PM
FRNY 1043
Jessica Hatt



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.

Maximum number of participants: 10

Prerequisites: Prerequisites: Requirement 6

25FM162 9-12 PM
KNOY B029
Matt Quick



Family Life with Matt Quick

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

Maximum number of participants: 10

Prerequisites: Prerequisites: 1, 3-5, 6(b) 1-7

25FM133 9-12 PM
BRNG B212
Nim Vorbroker



Family Life with Nim Vorbroker

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

Maximum number of participants: 10

Prerequisites: Prerequisites: 1, 3-5, 6(b) 1-7

25FM38 9-12 PM
ABE
Roger Tormoehlen



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.

Maximum number of participants: 15

Prerequisites: Prerequisite: 5

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25FM40 9-4 PM
ARMS 3115
Alex Beers



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 5(c), 5(d), 5(e), 5(g), 8(e), 8(h) and 10(b)

25FM134 9-4 PM
LILY 1105
Jordan Meyers



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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2(b)1, 7(d), 7(e), 7(f), 14, 15 do one. Due to time and the level of difficulty, CPR/AED will not be covered during the workshop.

25FM41 9-4 PM
PFEN G077
Megan Gunn



Fish and Wildlife Management & Mammal Study

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.

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

Maximum number of participants: 15

Prerequisites: Prerequisites:

Fish & Wildlife: Requirement 5

Mammal Study: None

25FM44 9-12 PM
CL50 129
Dr. Bill Hoover



Forestry

In working through the Forestry merit badge requirements, Scouts will explore the remarkable complexity of a forest and identify many species of trees and plants and the roles they play in a forest's life cycle. They will also discover some of the resources forests provide to humans and come to understand that people have a very large part to play in sustaining the health of forests.

Maximum number of participants: 15

Prerequisites: Prerequisites: 1, 2, 5

25FM168 9-12 PM
HGRH 1109
Karen Mitchell



Gardening

Gardening is both a science and an art. It offers a chance to connect with nature while providing nourishment for both body and mind. In this session, Scouts will work in the Purdue Horticulture greenhouse and lab for a hands-on horticulture experience. They will explore the horticulture industry, plant vegetables, manage pests, and learn to overcome garden challenges. By working directly with plants and engaging in experiments, Scouts will gain practical skills they can apply in any garden and a deeper understanding of opportunities within the horticulture industry.

Maximum number of participants: 25

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Prerequisites: Prerequisite: Seed germination test (Requirement 4.)

25FM47 9-12 PM
PHYS 22
Lori Shull



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.

Maximum number of participants: 15

Prerequisites: Perquisites: 2(a), 3

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM48 9-4 PM
GRIS 125
Michelle Markley



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.

Maximum number of participants: 16

Prerequisites: Prerequisites: 3 & 7

25FM52 9-12 PM
Hospital
Jeff Zeh



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: Scouts should consider doing research for Requirements 1-4 ahead of time.

This class is taught offsite at Riverbend Hospital, 2900 N River Rd, West Lafayette, IN 47906

NOTE: This class is taught offsite at Riverbend Hospital, 2900 N River Rd, West Lafayette, IN 47906

25FM53 9-4 PM
Cary Camp
Becky Wellner



Home Repairs

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

Maximum number of participants: 4

Prerequisites: Prerequisites: Scouts must be 14 years of age

The instructor for this class has asked that the Scouts have a hat/coat/gloves (they will be outside for part of the class). If parents aren't staying at Cary Camp for the class, make sure the Scouts have a phone number/way to get ahold of you if needed. They will also need a water bottle for the day.

This class is taught offsite at Franklin L. Cary Camp @ 6286 IN-26

NOTE: This class is taught offsite at Franklin L. Cary Camp @ 6286 IN-26

25FM54 9-12 PM
WAHE
Pam Bowen



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.

Additional Fee: \$95.00

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Maximum number of participants: 12

Prerequisites: Prerequisites: Scouts should be familiar with all terminology for requirements 2 and 9(a); Rider must be less than 200 lbs.

This class is taught offsite at Wild About Horses, 6830 IN-25 S, West Point, IN 47992

Please note that this class will be canceled if a minimum of 6 Scouts do not register for the class.

NOTE: This class requires an additional \$95.00 fee and is taught offsite at Wild About Horses Equestrian; 6830 IN-25 S, West Point, IN 47992

25FM56 9-12 PM
ARMS 1109
Dean Brad



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: Verified: 3(b), 4(b), 4(c)

25FM57 9-12 PM
MATH 215
Greg Kline



Inventing

Inventing involves finding technological solutions to real-world problems. Inventors understand the importance of inventing to society because they creatively think of ways to improve the lives of others. Explore the world of inventing through this new merit badge, and discover your inner inventiveness.

Maximum number of participants: 15

Prerequisites: Prerequisites: 2 a or b, 3c, 5 (select item, make list to discuss with group the day of.), 6 a, b & c (Bring with, or bring picture of item to class.), 8 a or b Using work from requirement 6, create working prototype to bring with to class. Waive requirement for pre-approval of prototype so long as work or pictures from requirement 6 accompany prototype.

25FM58 9-12 PM
BRWN 3100
Jillian Ellison



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: Requirement 4

25FM59 9-4 PM
HHS
Janna Leffert



Kayaking

A basic-level merit badge for flat-water kayaking - whitewater kayaking will still fall under Whitewater merit badge.

Maximum number of participants: 6

Prerequisites: Prerequisites: 2 - Scout must be classified as a BSA Swimmer

This class is taught offsite at Harrison High School, 5701 N 50 W, West Lafayette, IN 47906

NOTE: This class is taught offsite at Harrison High School; 5701 N 50 W, West Lafayette, IN 47906

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25FM136 9-4 PM
WLWC
West Lafayette Wellness
Center



Lifesaving

No Boy Scout will ignore a plea for help. However, the desire to help is of little use unless one knows how to give the proper aid. The main purpose of the Lifesaving merit badge is to prepare Scouts to assist those involved in water accidents, teaching them the basic knowledge of rescue techniques, the skills to perform them, and the judgment to know when and how to act so that they can be prepared for emergencies.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2(a) Must have previously earned the Swimming merit badge.

This class is taught offsite at the West Lafayette Wellness Center, 1101 Kalberer Rd, West Lafayette, IN 47906

NOTE: This class is taught offsite at the West Lafayette Wellness Center, 1101 Kalberer Rd, West Lafayette, IN 47906

25FM66 9-4 PM
ARMS B071
Brad Shafer



Model Design and Building

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

Maximum number of participants: 6

Prerequisites: Prerequisites: Scouts MUST attend a Zoom Meeting in October to work on pre-requisites 1, 3 and 4. Scouts MUST be registered for this class by October 1.

NOTE: Scouts MUST BE registered for this class by October 1. Scouts MUST attend a pre-event Zoom meeting in October to work on pre- requisite work.

25FM68 9-4 PM
SC 231
David Hamilton



Moviemaking

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

Maximum number of participants: 8

Prerequisites: Must have Cyber Chip.

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM69 9-12 PM
WALC 2087
Rachel Kippenbrock



Multisport

This badge acts as a natural progression for Scouts who are interested in or have achieved individual badges for Swimming, Cycling, Athletics, or Personal Fitness. The goal is to educate and inspire youth to lead a healthy, physically active lifestyle, understand why this lifestyle is beneficial, and create pathways to encourage participation in triathlon clubs, races, and programs in the future.

Maximum number of participants: 12

Prerequisites: Prerequisites: 1(prepare to discuss; debrief in session), 2, 3(prepare to discuss; will cover in session).

Post Requisites: 5B, 5D, 7, & 8

Must be 13 years old by 12/31/2025

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25FM72 9-12 PM
BRNG 1230
Cole Baker



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.

Maximum number of participants: 20

Prerequisites: Prerequisites: 2A

25FM74 9-4 PM
Martell
Zach Danek



Orienteering

Orienteering, the use of map and compass to find locations and plan a journey, has been a vital skill for humans for thousands of years. Orienteering is also a recognized sport at the Olympic Games, and thousands of people participate in the sport each year in local clubs and competitions.

Maximum number of participants: 20

Prerequisites: Prerequisites: Pre or Post work Requirement 7, 9 & 10

*This class is taught on and off campus in Martell Forest, 1007 N 725 W, West Lafayette, IN 47906

NOTE: This class is taught offsite at Martell Forest, 1007 N 725 W, West Lafayette, IN.

25FM75 9-4 PM
WALC 2127
Fernando Ramirez



Painting

This merit badge provides an opportunity for Scouts to learn more about painting, including both the artistic and practical aspects.

Maximum number of participants: 10

Prerequisites: No Prerequisites

NOTE: This class is instructed by both Fernando Ramirez and David Ramirez

25FM137 9-4 PM
BRNG 1245
Michael Witt



Personal Fitness

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

Maximum number of participants: 20

Prerequisites: Prerequisites: 1(a) physical exam only, 1(b), 6-8

25FM167 9-4 PM
PHYS 110
Alek Stevens



Personal Management with Alek Stevens

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 1-2 and 8

25FM138 9-4 PM
BRNG 1206
Trent Hanthorn



Personal Management with Trent Hanthorn

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.

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Maximum number of participants: 10

Prerequisites: Prerequisites: 1-2 and 8

25FM77 9-4 PM
SC 189
Stephanie Deckard



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: Bring a Camera (ideally not a cell phone camera)

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM164 9-4 PM
LWSN 1106
Patrick Motl



Physics

Physics is the science of how things move, interact, and exist-from the tiniest particles inside atoms to the vast galaxies stretching across space. It's the foundation of modern technology, the reason rockets fly, and the explanation behind everyday phenomena like why your phone works or how a soccer ball curves through the air.

By working on these requirements, you'll explore the mysteries of motion, energy, and forces. You'll learn how the laws of nature govern everything around us-from the moment you wake up to the time you go to sleep. Whether you're fascinated by space, curious about electricity, or just love asking "why?", physics will help you see the world in a whole new way.

Get ready to experiment, discover, and be amazed. Physics isn't just a subject-it's a journey into how the universe works. And it starts right here.

So, welcome to the world of Physics-your gateway to understanding the incredible forces that shape our universe!

Maximum number of participants: 15

Prerequisites: What is the Test Lab?

The Scouts BSA Test Lab is an exciting way to help in the development of fun and interesting new topics unique to the Scouts BSA program. The requirements for each badge have the look and feel of merit badges, but instead of a printed pamphlet, you will find links to digital resources to help you complete the requirements.

What to do:

You must work with a registered adult volunteer of your choosing. After completion of all requirements, you must take a short survey which will lead you to a certificate of completion.

If enough surveys show Scouts enjoyed these potential new badges, we hope to introduce them as official merit badges in the future. If you complete a Test Lab badge and it becomes an official merit badge, you will be credited with having earned that badge!

Keep logging in to this page to see what new topics are added as each badge will have a test lab expiration date.

Test Lab Rules:

1. Any registered adult can work with Scouts on these potential new badges.
2. Badges will have a clearly stated time period by which all requirements must be completed.
3. After the expiration date, the badge will be removed from the Test Lab and the

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National Council will evaluate if the subject should be added as a new merit badge.
4. When all requirements are finished successfully, a survey will be available to gather opinions on the badge. Scouts will then be able to access the certificate of completion which must be signed and dated by the registered adult they have worked with.
5. Should the badge be approved as a new merit badge, Scouts can be credited as having earned that badge if they present their signed and dated certificate to their unit.
6. Scouts completing the requirements after the expired time period will not be recognized as having earned the badge.

25FM143 9-12 PM
HORT 222
Jamie Reed



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 5, 6 and 8

25FM81 9-12 PM
Brenneco Plumbing
Randy Lynch



Plumbing with Randy Lynch

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.

Maximum number of participants: 15

Prerequisites: No Prerequisites

This class is taught offsite at Brenneco Plumbing, 2780 Conservation Club Rd. Lafayette.

NOTE: This class is taught offsite at Brenneco Plumbing, 2780 Conservation Club Rd. Lafayette

25FM149 9-12 PM
Anderson Plumbing
Zane Anderson



Plumbing with Zane Anderson

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.

Maximum number of participants: 15

Prerequisites: No Prerequisites

This class is taught offsite at Anderson Plumbing, 733 Navco Dr, Lafayette, IN

NOTE: This class is taught offsite at Anderson Plumbing, 733 Navco Dr, Lafayette, IN

25FM83 9-12 PM
PHYS 26
Brad Thompson



Programming with Brad Thompson

Scouts will learn about the evolution of programming and its languages, intellectual property, code modification, debugging, and what kinds of careers are available in IT while they work on this merit badge!

Maximum number of participants: 15

Prerequisites: Prerequisites: 1a; Cyber Chip

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

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25FM157 9-12 PM
SC 277
Chauntee Pitts



Programming with Chauntee Pitts and Jacob Roark

Scouts will learn about the evolution of programming and its languages, intellectual property, code modification, debugging, and what kinds of careers are available in IT while they work on this merit badge!

Maximum number of participants: 16

Prerequisites: Prerequisites: 1a; Cyber Chip

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM84 9-12 PM
WLWRRF
Dave Henderson



Public Health With Dave Henderson

The field of public health deals with maintaining and monitoring the health of communities, and with the detection, cure, and prevention of health risks and diseases. Although public health is generally seen as a community-oriented service, it actually starts with the individual. From a single individual to the family unit to the smallest isolated rural town to the worldwide global community, one person can influence the health of many.

Maximum number of participants: 15

Prerequisites: Prerequisites: 5

25FM86 9-12 PM
BRNG B248
Mac Witgen



Pulp and Paper

Here's an astonishing number to digest. Each person in the United States uses about 700 pounds of paper each year. Paper is everywhere in our lives. Every year in the United States, more than 2 billion individual books, 24 billion newspapers, and 350 million magazines are published on paper.

Maximum number of participants: 15

Prerequisites: Prerequisites: Requirements 7 (choice) and 8

25FM87 9-4 PM
BRWN 3102
Bob Sambolin



Radio

Radio is a way to send information, or communications, from one place to another. Broadcasting includes both one-way radio (a person hears the information but can't reply) as well as two-way radio (where the same person can both receive and send messages).

Maximum number of participants: 15

Prerequisites: Prerequisites: 8 and read the MB book before arrival

The instructor for this class has asked that the Scouts ensure that they have read the Radio MB booklet and start answering the questions ahead. There is a Career question that is pre requisite that needs to be completed. If you have any class specific questions you can reach out to Bob directly at rsambolin@hotmail.com.

25FM88 9-12 PM
HAMP 2118
Matt Milbourne



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.

Maximum number of participants: 15

25FM89 9-12 PM
BRNG B242
Melissa Willman



Reading & Scholarship Combo

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

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

Maximum number of participants: 15

Prerequisites: Prerequisites:

Reading: 3 & 6

Scholarship: 1, 3 & 5

25FM169 9-12 PM
FORS 217
Beca Appleman



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 8

25FM93 9-4 PM
HHS
Cole Benninghoff



Rowing

Rowing is the use of oars as a means of propelling boats, has grown from a basic method of transportation to a competitive sport and an enjoyable method of exercising.

Maximum number of participants: 6

Prerequisites: Prerequisites: 2 - Scout must be classified as a BSA Swimmer

This class is taught offsite at Harrison High School, 5701 N 50 W, West Lafayette, IN 47906

NOTE: This class is taught offsite at Harrison High School; 5701 N 50 W, West Lafayette, IN 47906

25FM95 9-12 PM
GRIS 118
Lisa O'Neal



Salesmanship with Lisa O'Neal

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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 5

25FM97 9-12 PM
CL50 121
Frank O'Hare



Scouting Heritage

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

Maximum number of participants: 15

Prerequisites: Prerequisites: 4, 5, 6, and 8 need to be done beforehand.

Requirements 4, 6, and 8 will be finished in the class when they discuss what they learned with their counselor. Requirement 5 will have to be done exclusively in their unit.

25FM98 9-4 PM
LJHS
Dive Indy



Scuba Diving

Explore a whole new environment under the sea with the Scuba Diving Merit Badge. Be Prepared to handle diving-related injuries and illnesses, learn the importance of diving responsibly, study underwater ecosystems, and wrap it all up by earning your open-water diving certification.

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Full Day (10 AM-6 PM), Lafayette Jefferson High School Pool, Off Campus, Class Size: 16

Event Fee: \$25 +

Scuba Diving MB Fee: \$350 which includes the equipment rental. When you go to do your check out dives later this year/summer if you use Indy Dive Center. It will be an additional \$200 + \$75 for gear rental. If you go elsewhere for your check out dives, you will obviously pay your local dive shop.

There will be two mandatory zoom meetings before the event and post-requisite work this is necessary to complete the merit badge. Since this is a complicated course, we want to be as transparent with as much information as we can.

We will have a Zoom Interest/Orientation on Wednesday, August 20th at 7pm.

Meeting ID: 891 3692 6381 and Passcode: 752649

MANDATORY FOR ANY SCOUT TAKING THIS MERIT BADGE:

(Virtual) Academics Session 1: Tuesday, December 2nd from 7:00pm - 9:00pm EST

Links for these will be sent to all registrants for the event later this fall.

MANDATORY FOR ANY SCOUT TAKING THIS MERIT BADGE:

(Virtual) Academics Session 2: Thursday, December 4th from 7:00pm - 9:00pm EST

Links for these will be sent to all registrants for the event later this fall.

Tentative Class Timeline: December 6, 2025

10:00 AM: Cover merit badge requirements.

Dive Indy will bring in CPR dummies and go through real first responder skills but they will not be earning their first responder/CPR certification.

12:00 PM they will hit the water.

2:00 PM Break to get out and warm up, have a snack, and decompress

2:30 PM, back in the water.

4:00 PM, done with "in the water" learning

4:00 PM-5:00 PM Session on Aquatic Ecosystems and being a good steward of Water, Careers in Scuba. (this includes a snack time)

6:00 PM Pack up and leave.

Scouts will have met every metric for their badge at this point EXCEPT their 5-6 OPEN WATER CHECK OUT DIVES. They will still need to schedule their final check out dives with their local dive shop in open water, to be able to finish the last part of the requirements. If local to North Central Indiana, they can set them up with Dive Indy as early as May, but we recommend June temperatures for kids.

Additional Fee: \$350.00

Maximum number of participants: 16

Prerequisites: Pre-requisites: Scouts must have earned the Swimming Merit Badge before this class, be medically fit for diving, and be comfortable in deep water. Scouts must bring their own mask for the event. Dive Indy will provide snorkels and fins. They will have an assortment of wet suits but not one for every person.

The most important thing about having their own mask, is that it fit their face well. If they have a leaky mask that does not properly fit their face, they will struggle to get

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through all the skills. Dive Indy will demonstrate how to fit a mask properly in the virtual orientation so that parent's know what to look for. We will recommend that remote parents visit their local dive shop so that their Scouts can be shown how to fit for a mask.

There will be two mandatory zoom meetings before the event and post-requisite work this is necessary to complete the merit badge.

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Links for these will be sent to all registrants for the event later this fall.

MANDATORY FOR ANY SCOUT TAKING THIS MERIT BADGE:

(Virtual) Academics Session 2: Thursday, December 4th from 7:00pm - 9:00pm EST

Links for these will be sent to all registrants for the event later this fall.

***This class is taught offsite at Lafayette Jeff High School, 1801 S 18TH ST LAFAYETTE, IN 47905.

NOTE: There will be two mandatory zoom meetings before the event and post-requisite work. This class is taught offsite at Lafayette Jeff High School, 1801 S 18TH ST LAFAYETTE, IN 47905.

25FM100 9-4 PM
HAMP 2101
Wyatt Downey



Search and Rescue

The process and safety methods of working around specialized teams such as aircraft, canine, and aquatic rescue teams. Identifying differences between search and rescue environments, such as coastal, wilderness, rural, and urban landscapes. Determining when Universal Transverse Mercator (UTM) and latitude and longitude (Lat/Lon) should be used.

Maximum number of participants: 20

Prerequisites: No Prerequisites

25FM102 9-12 PM
BRNG 1254
Katrina Glass



Signs, Signals, and Codes

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

Maximum number of participants: 15

Prerequisites: Prerequisites: 7, (optional) 10

25FM106 9-4 PM
BHEE 236
Mike Smith



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 7(e)

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25FM107 9-5 PM
BRNG B238
Connor McGuire



Space Exploration

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

Maximum number of participants: 15

Prerequisites: Prerequisites:

2. Design a collector's card, with a picture on the front and information on the back, about your favorite space pioneer. Share your card and discuss four other space pioneers with your counselor.

5(b) Using articles from the internet, photographs and text, create a blog, website, or slide show about a current planetary mission or use magazine photographs, news clippings, and articles from the internet to make a scrapbook about a current planetary mission."

NOTE: This class will end at 5 PM, not 4 PM like the rest of the classes.

25FM110 9-12 PM
CL50 125
Laura Gross



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.

Maximum number of participants: 15

Prerequisites: No Prerequisites

25FM139 9-12 PM
BHEE 222
Kevin Bump



Sustainability with Kevin Bump

While earning this badge, Scouts learn about climate change, species extinction, resource extraction, green chemistry, recycling, and zero-waste manufacturing!

Maximum number of participants: 10

Prerequisites: Prerequisites: 8 (a) and (c)

25FM163 9-12 PM
KNOY B041
Michael Keller



Sustainability with Michael Keller

Sustainability Merit Badge.

Maximum number of participants: 10

Prerequisites: Prerequisites: 8 (a) and (c)

25FM140 9-4 PM
WLWC
West Lafayette Wellness
Center



Swimming

Swimming is a leisure activity, a competitive sport, and a basic survival skill. Scouts who earn this badge will learn about safety when swimming and diving, how swimming can contribute to overall fitness and health, and gain some basic competitive swimming skills.

Maximum number of participants: 10

Prerequisites: Prerequisites: None

This class is taught offsite at the West Lafayette Wellness Center, 1101 Kalberer Rd, West Lafayette, IN 47906

NOTE: This class is taught offsite at the West Lafayette Wellness Center, 1101 Kalberer Rd, West Lafayette, IN 47906

25FM111 9-12 PM
GRIS 133
Cyndi Morgan



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,

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parachutes, umbrellas, basketball nets, and more.

Maximum number of participants: 15

Prerequisites: No Prerequisites

25FM112 9-12 PM
LOEB
Jennifer Dunten



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.

Maximum number of participants: 19

Prerequisites: Prerequisites: 1 & 2

25FM114 9-12 PM
ODFL
Ken Moore



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.

Maximum number of participants: 12

Prerequisites: Prerequisites: 10

This class is taught offsite at ODFL - Old Dominion Freight Lines 4337 Haggerty Lane - Lafayette, IN 47905

NOTE: This class is taught offsite at ODFL - Old Dominion Freight Lines 4337 Haggerty Lane - Lafayette, IN 47905

25FM115 9-12 PM
LYNN G119/155
Dr. Emily Curry



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 6(a) or 6(b)

Dr. Curry, the instructor, will be bringing in her dog as a part of the class to allow the Scouts to get some hands on experiences. If you have any dog allergies, please be prepared.

25FM118 9-4 PM
D.A. Dodd
Rob Anthrop



Welding

Scouts learn about the fundamentals of welding, including safety procedures, different welding techniques, equipment operation, and potential career paths within the welding industry, by completing practical welding tasks under the guidance of a qualified counselor; essentially demonstrating a basic understanding of welding practices and safety protocols to earn the badge.

Maximum number of participants: 21

Prerequisites: No Prerequisites

You must be wearing the following for your merit badge class: Jeans and close toed shoes (boots are preferred but not required). Crocks do not count as close toed shoes! DA Dodd is looking forward to an amazing session on December 6 at their shop! This class is taught offsite at DA Dodd, 3416 Rascal Drive Lafayette IN

NOTE: This class is taught offsite at DA Dodd, 3416 Rascal Drive Lafayette IN

25FM151 9-4 PM
Cary Camp
Kevin Nunn



Wildland Fire Management

Every year, millions of acres, throughout the United States are lost to destructive wildfires. Billions of dollars are spent annually and the loss of property and life is catastrophic. Smoke from American and Canadian wildfires can spread across the country affecting the public health of millions of people annually. Wildfire has become

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a national crisis in the United States.

As destructive as wildfire can be, managed wildland fire can also be beneficial. Fire plays a critical process in many ecosystems and can enhance habitats, reduce fuel loads and support forest regeneration.

Understanding and managing wildland fire is a complex undertaking. Striking a balance between preventing and suppressing harmful human-caused wildfire while promoting beneficial fire in the landscape will be the challenge as we continue to live with fire in the United States.

As Scouts, we can learn and do our part to make our homes, our camps and our communities more resilient and resistant to wildfire and we can understand the natural role that fire plays in our nation's wildlands. We can explore and consider careers in wildland fire management or even become wildland firefighters. The future of wildland fire management in the United States will require leaders who are conservation-minded.

Maximum number of participants: 15

Prerequisites: No Prerequisites

This class is taught offsite at Franklin L. Cary Camp, 6286 IN-26, Lafayette, IN 47905

What is the Test Lab?

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What to do:

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If enough surveys show Scouts enjoyed these potential new badges, we hope to introduce them as official merit badges in the future. If you complete a Test Lab badge and it becomes an official merit badge, you will be credited with having earned that badge!

Keep logging in to this page to see what new topics are added as each badge will have a test lab expiration date.

Test Lab Rules:

1. Any registered adult can work with Scouts on these potential new badges.
2. Badges will have a clearly stated time period by which all requirements must be completed.
3. After the expiration date, the badge will be removed from the Test Lab and the National Council will evaluate if the subject should be added as a new merit badge.
4. When all requirements are finished successfully, a survey will be available to gather opinions on the badge. Scouts will then be able to access the certificate of completion which must be signed and dated by the registered adult they have worked with.
5. Should the badge be approved as a new merit badge, Scouts can be credited as having earned that badge if they present their signed and dated certificate to their unit.
6. Scouts completing the requirements after the expired time period will not be recognized as having earned the badge.

NOTE: This class is taught offsite at Franklin L. Cary Camp, 6286 IN-26, Lafayette, IN 47905

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25FM121 9-12 PM
WTHR 420
Mike (Hoppy) Hopkins



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.

Maximum number of participants: 12

Prerequisites: Prerequisites: Must have Totin' Chip.

All requisites will not be completed during this class; post-requisites will need to be completed and reviewed by the instructor in order to complete this merit badge.

NOTE: All requisites will not be completed during this class; post-requisites will need to be done in order to complete merit badge.

25FM122 9-4 PM
HCC
Ron Halsema



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.

Maximum number of participants: 6

Prerequisites: This class is taught offsite at Halsema Custom Crafts, 660 Main St, Lafayette, IN 47901

NOTE: This class is taught offsite at Halsema Custom Crafts, 660 Main St, Lafayette, IN 47901

25FM103 10-1 PM
TPIR
Theresa Santoli



Skating - Ice Skating

This merit badge introduces Scouts to the exciting world of ice skating, roller skating, and in-line skating. In addition to being an enjoyable leisure activity that promotes fitness, there are a variety of athletic careers in skating.

Maximum number of participants: 15

Prerequisites: Prerequisites: 1(a), 1(b)

Participants will need a helmet and will not be allowed on the ice without one. A bicycle helmet will be allowed.

This class is taught from 10: 00AM - 1:00PM, and is offsite at Tapawingo Park Ice Rink, 100 Tapawingo Dr, West Lafayette, IN 47906

NOTE: Participants will need a helmet and will not be allowed on the ice without one. This class is from 10AM-1PM at Tapawingo Park Ice Rink, 100 Tapawingo Dr, West Lafayette, IN 47906

25FM2 1-4 PM
BRNG B254
Dr. Pamela Sari



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: Proof that Requirement 5 has been completed.

25FM4 1-4 PM
BRNG B242
Melissa Willman



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 2

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25FM9 1-4 PM
WTHR 114
Anna Goodman



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.

Maximum number of participants: 16

Prerequisites: No Prerequisites

25FM14 1-4 PM
Airport
Anthony Clevinger



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.

Maximum number of participants: 20

Prerequisites: Prerequisites: 3B (provide link to Digital Content: <https://www.scouting.org/skills/merit-badges/digital-resource-guides/aviation/>)

This class is taught offsite at the Purdue Airport, 1585 Aviation Dr, West Lafayette, IN 47907

NOTE: This class is taught offsite at the Purdue Airport, 1585 Aviation Dr, West Lafayette, IN 47907

25FM20 1-4 PM
BRNG B222
Brooke Boyden



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.

Maximum number of participants: 20

Prerequisites: Pre-requisites: 2b, 3a, 4a, and 4b.

NOTE: This class is taught by Ian Alford, Jayna Enguita, and Brooke Steeno

25FM21 1-4 PM
WALC 2121
Adi Budaraju



Chess

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

Maximum number of participants: 20

Prerequisites: No Prerequisites

25FM166 1-4 PM
MSEE B010
Cole Philipczak



Citizenship in Society with Cole Philipczak

"Discussion" requirements will be either with a counselor and another individual (in accordance with Youth Protection Guidelines <https://www.scouting.org/health-and-safety/gss/gss01/>), or with your counselor and a small group (of Scouts), depending upon your preference.

Maximum number of participants: 8

Prerequisites: Prerequisites: 1(a) and 2(a)

25FM124 1-4 PM
ARMS 1021
Ebony Barrett



Citizenship in Society with Ebony Barrett

"Discussion" requirements will be either with a counselor and another individual (in accordance with Youth Protection Guidelines <https://www.scouting.org/health-and-safety/gss/gss01/>), or with your counselor and a small group (of Scouts), depending upon your preference.

Class Catalog

2025 - University of Scouting - Fall Semester @ Purdue University - Presented by IU Health: Saturday at Purdue University

Maximum number of participants: 16

Prerequisites: Prerequisites: 1(a) and 2(a)

25FM165 1-4 PM
LWSN B134
Alyssa Bischof



Citizenship in the Community with Alyssa Bischof and Luisa White

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

NOTE: This class is taught by Alyssa Bischof and Luisa White

25FM159 1-4 PM
HAMP 2123
Amy Austin



Citizenship in the Community with Amy Austin

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM145 1-4 PM
BRNG 1243
Chris Campbell



Citizenship in the Community With Chris Campbell

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM170 1-4 PM
PHYS 111
Kathy Parker



Citizenship in the Community with Kathy Parker

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM125 1-4 PM
BRNG 1242
Michael Budd



Citizenship in the Community With Michael Budd

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

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25FM175 1-4 PM
PHYS 238
Sarah Witgen



Citizenship in the Community with Sarah Witgen

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2A, 2B, 3A, 4, 7 and 8 (present in class)

25FM126 1-4 PM
BHEE 117
Angel Valentin



Citizenship in the Nation with Angel Valentin

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2, 3, and 8. Please also bring a roster of names, home addresses, Unit number, and the names of your state and national elected officials (Senators and Representatives).

25FM161 1-4 PM
HAMP 3153
Melissa Dotson



Citizenship in the Nation with Melissa Dotson

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 7 Choose ONE: A-C, 3, and 8. Please also bring a roster of names, home addresses, Unit number, and the names of your state and national elected officials (Senators and Representatives).

25FM176 1-4 PM
PHYS 331
Paul Amaya



Citizenship in the Nation with Paul Amaya

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.

Maximum number of participants: 10

Prerequisites: Prerequisites: 2, 3, and 8. Please also bring a roster of names, home addresses, Unit number, and the names of your state and national elected officials (Senators and Representatives).

25FM23 1-4 PM
HAMP 2107
Dennis Dunten



Coin Collecting

Coin collecting is one of the oldest of all hobbies. Hoards of ancient coins found in excavations indicate that coins were one of the first collectibles. From earliest times, people valued coins not only as a means of trading and storing wealth, but also as miniature works of art.

Maximum number of participants: 15

Prerequisites: Prerequisites: 4a-f (collect all the coins listed) and 7a-c (collect the coins and/or money listed) and 7d 1-4. Bring coins/monies collected to class.

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25FM24 1-4 PM
BRNG 2291
Michael Schramm



Collections

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

Maximum number of participants: 15

Prerequisites: Prerequisites: 1, 5(b) and 7

25FM153 1-4 PM
BHEE 129
Bob Burchell



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.

Maximum number of participants: 20

Prerequisites: Prerequisites:

2. Describe your state and local laws concerning bicycles. Discuss what is the same and what is different from laws applying to motor vehicles. Explain where and how you should ride on roads and streets to include lane position, changing lanes, making left and right turns, and riding through intersections.

6. Using the Scouting America buddy system, complete all of the requirements for ONE of the following options: Road Biking OR Trail or Mixed Surface Biking. These requirements may be completed using a road bike, mountain bike or other properly equipped, manually-powered cycle such as a gravel bike, tandem bike, hand-powered bike, recumbent bike, adult tricycle, or adaptive cycle. If a tandem bike is used, the Scout must actively power the cycle in concert with the other rider."

Since it is a prerequisite that each cyclist doing the merit badge complete all ride requirements prior to the class at University of Scouting, all I will require is a typed and printed document with a statement that the cyclist has completed all ride requirements and this statement is signed off on by the unit's Scoutmaster.

Now on the matter of tracking miles... there are a few methods but the preferred way I recommend is to use Strava, a free app. Yes, this requires use of (carry on rides) a smart phone but most individuals, including youth, have one and would carry it on a ride anyway. Strava keeps a good record of mileage, routes, and ride stats and also allows them to avoid having to purchase and use a handlebar mounted computer, which is the second preferred method of tracking, but only for those that don't have a smart phone (although some cyclists prefer to use a computer anyway).

Using Strava will allow unit Scoutmasters to easily view the rides and routes that cyclists do for the merit badge.

Should you have any additional questions regarding this merit badge, you can message Bob directly at bburchell@indy.rr.com.

25FM28 1-4 PM
SC 179
Jonathan Bohlmann



Digital Technology & Programming

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.

Scouts will learn about the evolution of programming and its languages, intellectual property, code modification, debugging, and what kinds of careers are available in IT while they work on this merit badge!

Maximum number of participants: 16

Prerequisites: Prerequisites:

Digital Tech: 1, 5, 6, 9

Programming: 1a, Cyber Chip

Must Review Personal Safety Awareness Video:

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<https://www.scouting.org/training/youth/scouts-bsa/>

25FM29 1-4 PM
BHEE 234
Tom Hoffer



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: None

NOTE: this class is instructed by Thomas Hoffer and Grace Jackson

25FM158 1-4 PM
WANG 3520
Jennifer Heap



Electronics with Jennifer Heap

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.

Maximum number of participants: 25

Prerequisites: Prerequisites: None

25FM146 1-4 PM
BRNG B268
Dr. Lindsey Payne



Engineering With Dr. Lindsey Payne

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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 1 & 2

25FM35 1-4 PM
BRNG 1222
Charles Behrman



Engineering With Purdue American Nuclear Society, Noraa Silver

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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 1 & 2

25FM36 1-4 PM
ARMS 3109
Sanford Swanson



Entrepreneurship

By earning the Entrepreneurship merit badge, Scouts will learn about identifying opportunities, creating and evaluating business ideas, and exploring the feasibility (how doable it is) of an idea for a new business. They will also have the chance to fit everything together as they start and run their own business ventures.

Maximum number of participants: 15

Prerequisites: Prerequisites: 3

25FM162 1-4 PM
KNOY B029
Matt Quick



Family Life with Matt Quick

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

Maximum number of participants: 9

Prerequisites: Prerequisites: 1, 3-5, 6(b) 1-7

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25FM133 1-4 PM
BRNG B212
Nim Vorbroker



Family Life with Nim Vorbroker

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

Maximum number of participants: 10

Prerequisites: Prerequisites: 1, 3-5, 6(b) 1-7

25FM38 1-4 PM
ABE
Roger Tormoehlen



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.

Maximum number of participants: 15

Prerequisites: Prerequisite: 5

25FM51 1-4 PM
CI
Julian Pridemore



Graphic Arts

The field of graphic arts includes many kinds of work in the printing and publishing industries. Graphic arts professionals are involved in the creation of all kinds of printed communication, from business cards to books to billboards. The scope of printing communications is huge.

Maximum number of participants: 15

Prerequisites: No Prerequisites

This class is taught offsite at Creative Inc., 150 N 36th St, Lafayette, IN 47905

NOTE: This class is taught offsite at Creative Inc., 150 N 36th St, Lafayette, IN 47905

25FM54 1-4 PM
WAHE
Pam Bowen



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.

Additional Fee: \$95.00

Maximum number of participants: 12

Prerequisites: Prerequisites: Scouts should be familiar with all terminology for requirements 2 and 9(a); Rider must be less than 200 lbs.

This class is taught offsite at Wild About Horses, 6830 IN-25 S, West Point, IN 47992

Please note that this class will be canceled if a minimum of 6 Scouts do not register for the class.

NOTE: This class requires an additional \$95.00 fee and is taught offsite at Wild About Horses Equestrian; 6830 IN-25 S, West Point, IN 47992

25FM55 1-4 PM
BRNG 1255
Melissa Young-Spillers



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 3(b), 3(c), 5. Please bring all of your prerequisite answers to class. We will complete 3a in class.

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25FM141 1-4 PM
HAMP 1266
Dave Henderson



Introduction to Leadership Skills for Troops

The purpose of the ILST course is to teach Scouts with leadership positions about their new roles and how to most effectively reach success in that role. It is intended to help Scouts in leadership positions within their troop understand their responsibilities and to equip them with organizational and leadership skills to fulfill those responsibilities. ILST is the first course in the series of leadership training offered to Scouts and is a replacement for Troop Leadership Training.

Maximum number of participants: 20

Prerequisites: Completion of ILST is a prerequisite for Scouts to participate in the more advanced leadership courses National Youth Leadership Training (NYLT) and the National Advanced Youth Leadership Experience (NAYLE). It is also required to participate in a Kodiak Challenge Trek.

***This is not a Merit Badge Class.

25FM60 1-4 PM
HORT 210
Dr. Aaron Thompson



Landscape Architecture

Landscape architects design and plan the various outdoor spaces in modern communities - neighborhood parks, soccer fields, school grounds, places of worship, office parks, shopping malls, cemeteries, and lakes - creating outdoor places that people will care about and want to visit.

Maximum number of participants: 15

Prerequisites: Prerequisites: 5

25FM61 1-4 PM
BRNG 1260
Cedric D'Hue



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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 4 & 7

25FM70 1-4 PM
HAGLE
Mo Trout



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.

Maximum number of participants: 15

Prerequisites: Prerequisites:

Requirement 3, all four options require work done before class

- Presentation to class
- Have a paper or notes that can be turned in or presented to class
- Proof of participation in a school musical organization
- Prepare to discuss with class or counselor

Notes: Knowledge of music reading is required.

25FM71 1-4 PM
ARMS 1103
Amber Brad



Nature

There is a very close connection between the soil, the plants, and all animal life, including people. Understanding this connection, and the impact we have upon it, is important to preserving the wilderness, as well as to our own well-being as members of the web of nature.

Maximum number of participants: 15

Prerequisites: Prerequisites: Requirement 4 activities are highly encouraged for collections.

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25FM72 1-4 PM
BRNG 1230
Cole Baker



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.

Maximum number of participants: 20

Prerequisites: Prerequisites: 2A

25FM149 1-4 PM
Anderson Plumbing
Zane Anderson



Plumbing with Zane Anderson

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.

Maximum number of participants: 15

Prerequisites: No Prerequisites

This class is taught offsite at Anderson Plumbing, 733 Navco Dr, Lafayette, IN

NOTE: This class is taught offsite at Anderson Plumbing, 733 Navco Dr, Lafayette, IN

25FM157 1-4 PM
SC 277
Chauntee Pitts



Programming with Chauntee Pitts and Jacob Roark

Scouts will learn about the evolution of programming and its languages, intellectual property, code modification, debugging, and what kinds of careers are available in IT while they work on this merit badge!

Maximum number of participants: 16

Prerequisites: Prerequisites: 1a; Cyber Chip

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM142 1-4 PM
BRNG 1232
Dr. Christian Chauret



Public Health With Dr. Christian Chauret

The field of public health deals with maintaining and monitoring the health of communities, and with the detection, cure, and prevention of health risks and diseases. Although public health is generally seen as a community-oriented service, it actually starts with the individual. From a single individual to the family unit to the smallest isolated rural town to the worldwide global community, one person can influence the health of many.

Maximum number of participants: 15

Prerequisites: Prerequisites: 5

25FM86 1-4 PM
BRNG B248
Mac Witgen



Pulp and Paper

Here's an astonishing number to digest. Each person in the United States uses about 700 pounds of paper each year. Paper is everywhere in our lives. Every year in the United States, more than 2 billion individual books, 24 billion newspapers, and 350 million magazines are published on paper.

Maximum number of participants: 15

Prerequisites: Prerequisites: Requirements 7 (choice) and 8

25FM88 1-4 PM
HAMP 2118
Matt Milbourne



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.

Maximum number of participants: 15

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25FM92 1-4 PM
PHYS 26
Brad Thompson



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.

Maximum number of participants: 16

Prerequisites: Prerequisites: Cyber Chip

Review Personal Safety Awareness Video:

<https://www.scouting.org/training/youth/scouts-bsa/>

25FM150 1-4 PM
GRIS 126
Pete Ristau



Salesmanship with Pete Ristau

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.

Maximum number of participants: 15

Prerequisites: Prerequisites: 5

25FM97 1-4 PM
CL50 121
Frank O'Hare



Scouting Heritage

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

Maximum number of participants: 15

Prerequisites: Prerequisites: 4, 5, 6, and 8 need to be done beforehand.

Requirements 4, 6, and 8 will be finished in the class when they discuss what they learned with their counselor. Requirement 5 will have to be done exclusively in their unit.

25FM110 1-4 PM
CL50 125
Laura Gross



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.

Maximum number of participants: 15

Prerequisites: No Prerequisites

25FM139 1-4 PM
BHEE 222
Kevin Bump



Sustainability with Kevin Bump

While earning this badge, Scouts learn about climate change, species extinction, resource extraction, green chemistry, recycling, and zero-waste manufacturing!

Maximum number of participants: 10

Prerequisites: Prerequisites: 8 (a) and (c)

25FM111 1-4 PM
GRIS 133
Cyndi Morgan



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.

Maximum number of participants: 15

Prerequisites: No Prerequisites

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25FM112 1-4 PM
LOEB
Jennifer Dunten



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.

Maximum number of participants: 20

Prerequisites: Prerequisites: 1 & 2

25FM117 1-4 PM
HAMP 2108
Lilli Tordil



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.

Maximum number of participants: 15

Prerequisites: This class is taught offsite at WLFI News 18, 2605 Yeager Rd., West Lafayette, IN 47906

NOTE: This class is taught offsite at WLFI News 18, 2605 Yeager Rd., West Lafayette, IN 47906

25FM121 1-4 PM
WTHR 420
Mike (Hoppy) Hopkins



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.

Maximum number of participants: 12

Prerequisites: Prerequisites: Must have Totin' Chip.

All requisites will not be completed during this class; post-requisites will need to be completed and reviewed by the instructor in order to complete this merit badge.

NOTE: All requisites will not be completed during this class; post-requisites will need to be done in order to complete merit badge.

25FM8 2-6 PM
Camp Buffalo
Argent Rattray



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.

Maximum number of participants: 8

Prerequisites: No Prerequisites

This class is taught offsite at Camp Buffalo, 9400 N Boy Scout Rd, Monticello, IN 47960 (Approximately 1 hour away from the Purdue campus)

Class times are: 9 AM-1 PM (Session 1) and 2-6 PM (Session 2)

NOTE: This class is taught offsite at Camp Buffalo, 9400 N Boy Scout Rd, Monticello, IN 47960

25FM160 4-7:30 PM
GUS
Theresa Santoli



Skating - Roller Skating

This merit badge introduces Scouts to the exciting world of ice skating, roller skating, and in-line skating. In addition to being an enjoyable leisure activity that promotes fitness, there are a variety of athletic careers in skating.

Maximum number of participants: 60

Prerequisites: Prerequisites: 1(a), 1(b)

Participants will need a helmet and will not be allowed on the rink without one. A bicycle helmet will be allowed.

This class is taught off campus, from 4:30 to 7:30 PM, at Great United Skates, 135 S

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Earl Ave Suite 100, Lafayette, IN 47904.

NOTE: Class is from 4:30PM to 7:30PM at 135 S Earl Ave Suite 100, Lafayette, IN 47904. Scouts MUST wear a helmet; a bicycle helmet is okay.

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2025 Fall U of S Cub Scout Classes (Scheduled Classes)

25FC6 9-4 PM
SCHM 122
Derrian Ruess



Arrow of Light Trio with Derian Reuss & Katie DeVault

Lots of people have great ideas: flying to the moon, tunneling under rivers, building robots that walk and talk, or making triple-loop rollercoasters. Engineers turn those ideas into reality. They use science, math, and creative thinking to improve people's lives. In this Adventure, you will learn what engineers do. Even better, you can do some engineering projects of your own. So put on your thinking cap and get ready to think like an engineer!

There are times when we need to be exact, like when building a model or baking from a recipe. When we do not need to be exact, or we only need a general idea of something or its cost, we can estimate. There are some simple ways to estimate things like the time of day or even the height of an object.

Trees and plants play important roles in nature. In this Adventure, you will get to learn about the plants and trees in your community by exploring your area on a walk or visit to a local nature center, tree farm, or park.

If you have ever stood beneath a towering redwood, enjoyed the colors of fall leaves, or watched pine trees swaying in the wind, you know that trees and plants are beautiful. But they are also important to life on Earth. As you go into the woods, you will learn what trees and plants do for us and for animals, and why taking care of them is important to our planet's well-being.

Maximum number of participants: 17

Prerequisites: If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

NOTE: This class is taught by Darrian Ruess and Katie DeVault. If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

25FC10 9-4 PM
SCHM 123
Josh Alexander



Arrow of Light Trio with Josh Alexander

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Maximum number of participants: 15

Prerequisites: If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

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25FC5 9-4 PM
SCHM 116
Ashley Robertson



Bear Trio with Ashley Robertson

Learning to build things that are useful or fun is an important skill. You might grow up to build houses as a career or models as a hobby. Or you might just learn some skills that will help you in everyday life.

Building materials may include wood, cement, plastic, steel, or a combination of all these things. For this Adventure, we will focus on wood. You will learn about hand tools and how to use them safely. You will learn how to choose the right type of wood for a project and follow project instructions. And before you're finished, you will use your new skills to make two projects from wood.

Everywhere you go, you leave behind clues: fingerprints on your juice glass, DNA on your toothbrush, bits of fabric on your favorite chair, and footprints in your yard. Criminals leave behind clues, too. Forensic scientists study those clues to help law enforcement officers solve crimes.

Forensics is all about using science to answer questions about crimes (and other things that have happened). In this Adventure, you will practice some of the skills of a forensic scientist.

You will analyze a fingerprint, a footprint, the contents of ink, and some mysterious white powder. Grab your magnifying glass and start detecting!

Have you ever wondered why the sky is blue or how gravity works or what makes a rainbow? Scientists wonder about those things, too.

Maximum number of participants: 15

Prerequisites: If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

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25FC7 9-4 PM
SCHM 114
Carrie Wirth



Bear Trio with Carrie Wirth

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Class Catalog

2025 - University of Scouting - Fall Semester @ Purdue University - Presented by IU Health: Saturday at Purdue University

25FC1 9-12 PM
SCHM 103
Deanna Doyle



LionTrio

Lions will have fun building a structure on their own and as a team.

Suggest, "Discover basic geometric shapes and their use in arts and crafts."

Lions with their adult partner will build a useful object together and explore the properties of motion and force.

Maximum number of participants: 15

Prerequisites: If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

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25FC3 9-4 PM
SCHM 108
Haliegh Kee



Tiger Trio

Tigers will discover the fundamentals of the engineering process of designing, building, and improving.

Discovering what floats and how to make a model boat are the key activities in this Adventure.

Tigers will identify technology that is common in most homes and discover how technology has improved along with safety rules around technology they come in contact with.

Maximum number of participants: 15

Prerequisites: If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

NOTE: This class is taught by Haliegh Kee and Rob Kee. If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

25FC11 9-4 PM
WALC 2124
Michaela Duffy



Webelos Tetrad with Michaela Duffy

If you visit a lumber store, you'll see rows and rows of all sorts of wood: boards, dowel rods, sheets of plywood, cedar shingles, and more. With some tools and time, a skilled craftsman can turn that wood into toys, bookcases, or even an entire house. You won't build a house in this Adventure, but you will build a smaller carpentry project. You'll also learn about the tools you could use to build just about anything you can dream up. So, grab your tool belt, and let's get started.

Rocks and minerals are more than just things that lie in the ground. Yes, they help form our planet, but people also use them to create things that make our lives easier. In this Adventure, you'll dig into the world of rocks and minerals and discover some surprises about the science of geology - like how the ground beneath your feet is constantly on the move.

In this Adventure, you will learn how to estimate the time it takes you to take a walk. If you know your pace, you can estimate how long it will take you and others to walk any given distance.

Getting outside is a fun part of being a Cub Scout. Using technology outdoors can be an important part of helping you explore the world around you.

Maximum number of participants: 30

Prerequisites: If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

Class Catalog

2025 - University of Scouting - Fall Semester @ Purdue University - Presented by IU Health: Saturday at Purdue University

25FC8 9-4 PM
SCHM 112
Megan Montgomery



Wolf Trio with Megan Montgomery

To most people, coins are used to buy things they want or need. But coins can also tell a story. The pictures on United States coins tell a lot about our country's culture and history. In this Adventure, you will get to be a numismatist (noo-MIZmuh-tist). A numismatist is a person who studies coins and money. You'll learn where coins are made and the meaning of their pictures and words.

It's time to take flight. Do you know the secret to making a paper airplane fly longer or farther? In this Adventure, you will have fun making different types of airplanes and other flying objects.

Dinosaurs and other giant creatures lived and died out millions of years ago, so thankfully you won't run into one on a walk. A scientist who studies dinosaurs is called a paleontologist (pa-le-on-to-lo-gist). They study dinosaur bones and fossils to learn more about their habits, the food they ate, and their size. During this Adventure, you will match dinosaurs to their names, and you'll use your imagination to create your own dinosaur.

Maximum number of participants: 15

Prerequisites: If this class is full, please contact Elizabeth at 765-452-8253, Mon-Fri 9-5, to be added to a waitlist.

25FC4 9-4 PM
SCHM 113
Rob Shroder



Wolf Trio with Rob Shroder

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