



2024 - University of Scouting - Fall Semester @ Purdue

Class Catalog

Event Contacts

Name	Title	Phone	Email
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Registration opens June 17, 2024







Visit www.scoutingevent.com/162-2024_UofSPurdue to register



Class Catalog









2024 - University of Scouting - Fall Semester @ Purdue University Sponsored By Subaru of Indiana Automotive: Saturday

2024 U of S Fall Adult Classes (Scheduled Classes)

24AC11	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
WALC 2088			
Diane Carman			
24AC20	9-12 PM		CPR Training AM 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 6 participants per class. Additional Fee: \$45.00 Maximum number of participants: 6 Prerequisites: There is an additional \$45 fee for certification
WALC 3154			
Abby Evans			
24AC6	9-4 PM		Den Leader Position Specific Training The Den Leader Position-Specific Training course provides Cub Scout den leaders with the basic information they need to conduct successful den meetings.
WALC 2121			
Jeff Lapan			
24AC5	9-10 AM		Order of the Arrow and My Troop, 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.
WALC 1087			
Lucas Bowman			
24AC9	9-11 AM		Question, Persuade, Refer: A Suicide Prevention Training 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: 70
WALC 2007			
Woody Berentes			
24AC7	9-4 PM		Scoutmaster/Assistant Scoutmaster Training 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
WALC 2127			
Dr. George Avery			

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24AC4	9-11 AM		Youth Protection Training (with additional training on the Guide to Safe Scouting, Age Appropriate Activities, and Incident Reporting) Come get your YPT updated and learn a few more things that you can put in your tool box!
WALC B066 Devon Moore			
24AC3	10-11 AM		Planning Your Scouting Year: Hands-on Activities to Make Your Year a Breeze. Come learn how to ensure your Scouts have an ideal year of Scouting with some sure fire ways to plan!
WALC 2051 Melissa Young-Spillers			
24AC12	10-11 AM		Wood Badge & NYLT: Why are they so important? Come learn the importance of these two flagship training programs of Scouting America and how they can help you, your unit, and Scouting!
WALC 2088 Vicki Triplett			
24AC10	11-12 PM		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!!
WALC 1087 Dwight Cline			
24AC2	11-12 PM		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.
WALC B066 Jason Noland			
24AC13	11-12 PM		High Adventure Treks...how to navigate the process Come learn how to navigate the process of going on a high adventure trek and the benefit of including high adventure into your Troop program.
WALC 2088 Bob Williams			
24AC16	11-12 PM		The Ins and Outs of the New Cub Scout Program Exciting News for Cub Scouts in 2024-25! Get ready for some fantastic updates as we enhance the Cub Scout program. This year will positively change the Bobcat badge, Cub Scout Adventures, Webelos, and Cub Scout Awards. From a revamped Bobcat Adventure to improved Cub Scout Adventures and a reimagined approach to Webelos and Arrow of Light, these changes are designed to make the program even more engaging and age-appropriate for youth and more accessible and streamlined for adult leaders.
WALC 2007 Al Harvath			
24AC19	1-4 PM		CPR Training PM 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 6 participants per class. Additional Fee: \$45.00 Maximum number of participants: 6 Prerequisites: There is an additional fee of \$45 for certification
WALC 3154 Abby Evans			

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24AC17 2-3 PM
WALC 2051
John Sockrider



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.

NOTE: This class is instructed by John Sockrider and Paul Haydock

24AC15 2-3 PM
WALC B066
Al Harvath



Rechartering FAQs: How does the new system work for my unit and my families?

Scouting America offers an online member and unit renewal process. With some new functionality, it is easy to get confused on how to navigate it and what it means for you unit and family. This session should provide some clarity for leaders.

24AC14 2-3 PM
WALC 2088
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!

24AC18 2-3 PM
WALC 2007
Gahn Mungarndee



Venturing On! Scouting's Best Friends: Venturing, Sea Scouts, and Exploring








Scouting is much more than just Packs and Troops! Come learn about the Venturing, Sea

Scouts, and Exploring programs as you look for ways to encourage your older Scouts in continue their Scouting journey beyond achieving the rank of Eagle Scout, or concurrently while they work towards it!

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2024 U of S Fall Cub Scout Classes (Scheduled Classes)

24CC6	9-4 PM		Arrow of Light Trio Engineer, Estimations, Into the Woods Maximum number of participants: 16
WALC 3138			
Melissa Willman			
24CC7	9-10 AM		Arrow of Light Wait List Register at no cost here to be put on the wait list for the Arrow of Light Trio Class. Prerequisites: ***It is a requirement to register on the wait list in the trio class registration before registering for this wait list.*** If a spot becomes available, you will be moved from the waitlist class to the trio class. This extra process is due to the waitlist hold not being placed and registration checkout not working unless the scout is registered for a class. If no spot becomes available, you will be refunded the registration fee.
24CC4	9-4 PM		Bear Trio Baloo the Builder, Forensics, and Super Science Maximum number of participants: 16
WALC 3127			
Ashley Robertson			
24CC8	9-10 AM		Bear Wait List Register at no cost here to be put on the wait list for the Bear Trio Class. Prerequisites: ***It is a requirement to register on the wait list in the trio class registration before registering for this wait list.*** If a spot becomes available, you will be moved from the waitlist class to the trio class. This extra process is due to the waitlist hold not being placed and registration checkout not working unless the scout is registered for a class. If no spot becomes available, you will be refunded the registration fee.
24CC1	9-12 PM		Lion Trio Build it Up, Knock it Down; Count on Me; Gizmos and Gadgets Maximum number of participants: 15 NOTE: This class is instructed by Deanna Doyle and Katie DeVault
WALC 3090			
Deanna Doyle			
24CC10	9-10 AM		Lion Wait List Register at no cost here to be put on the wait list for the Lion Trio Class. Prerequisites: ***It is a requirement to register on the wait list in the trio class registration before registering for this wait list.*** If a spot becomes available, you will be moved from the waitlist class to the trio class. This extra process is due to the waitlist hold not being placed and registration checkout not working unless the scout is registered for a class. If no spot becomes available, you will be refunded the registration fee.
24CC2	9-4 PM		Tiger Trio Designed By Tiger, Floats and Boats, Tech All Around Maximum number of participants: 15
WALC 3121			
Ty Habbeger			

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24CC11 9-10 AM



Tiger Wait List

Register at no cost here to be put on the wait list for the Tiger Trio Class.

Prerequisites: ***It is a requirement to register on the wait list in the trio class registration before registering for this wait list.*** If a spot becomes available, you will be moved from the waitlist class to the trio class. This extra process is due to the waitlist hold not being placed and registration checkout not working unless the scout is registered for a class. If no spot becomes available, you will be refunded the registration fee.

24CC5 9-4 PM

WALC 3132

Bryon Haverstick



Webelos Trio

Earth Rocks!, Build It, Math on the Trail/Tech on the Trail (will include a two mile outdoors trek/walk)

Maximum number of participants: 15

24CC9 9-10 AM



Webelos Wait List

Register at no cost here to be put on the wait list for the Webelos Trio Class.

Prerequisites: ***It is a requirement to register on the wait list in the trio class registration before registering for this wait list.*** If a spot becomes available, you will be moved from the waitlist class to the trio class. This extra process is due to the waitlist hold not being placed and registration checkout not working unless the scout is registered for a class. If no spot becomes available, you will be refunded the registration fee.

24CC3 9-4 PM

WALC 3122

Carrie Wirth



Wolf Trio

Adventures in Coins, Air of the Wolf, Code of the Wolf

Maximum number of participants: 16

NOTE: This class is instructed by both Carrie and Justin Wirth

24CC12 9-10 AM



Wolf Wait List

Register at no cost here to be put on the wait list for the Wolf Trio Class.

Prerequisites: ***It is a requirement to register on the wait list in the trio class registration before registering for this wait list.*** If a spot becomes available, you will be moved from the waitlist class to the trio class. This extra process is due to the waitlist hold not being placed and registration checkout not working unless the scout is registered for a class. If no spot becomes available, you will be refunded the registration fee.

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2024 U of S Fall Merit Badges (Scheduled Classes)

24MB16 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

24MB99 9-4 PM
SCHM 309
Stephen Snyder



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

24MB23 9-12 PM
BHEE 224
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

24MB93 9-4 PM
KNOY 306
Daniel Triplett



Animation

Computer or traditional animation tasks that will test a Scout's creativity, artistic skills, and storytelling abilities.

Maximum number of participants: 20

NOTE: This class is taught by Daniel Triplet and Ray Hassan

24MB29 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

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

24MB102 9-4 PM
GH&F
Abby Thatcher



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

NOTE: This class is instructed by Abby Thatcher and Argent Rattray, and is held offsite at Geneo's Hunting and Fishing; 310 S 16th St., Lafayette, IN

24MB110 9-4 PM
SCHM 316
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

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24MB48 9-4 PM
MSEE B012
George Wyncott



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: 4, 6, and 8

24MB91 9-4 PM
SCHM 114
Purdue Athletics



Athletics

Being involved in an athletic endeavor is not only a way to have fun, but it also is one of the best ways for a person to maintain a healthy and strong body, living up to the promise each Scout makes "to keep myself physically strong."

Maximum number of participants: 20

Prerequisites: 6B

24MB60 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

NOTE: This class is taught off campus at Guaranteed Automotive and Transmission, 3742 State Rte 38, Lafayette, IN 47905

24MB74 9-12 PM
Airport
Jim Paulsen



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: 23

Prerequisites: 3B

NOTE: This class is taught offsite at the Purdue Airport, 1501 Aviation Dr., West Lafayette, IN 47907

24MB86 9-4 PM
SCHM 113
Brian Schilling



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: 15

Prerequisites: 5

24MB123 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: Must have experience playing an upper brass instrument like trumpet or french horn. Must bring their own bugle or trumpet/cornet. Req #6 (which can be a pre or post requisite).

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24MB109 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: 8

Prerequisites: Must be classified as a BSA Swimmer

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

24MB115 9-12 PM
SC G030
Carmen Erickson



Chemistry (With Carmen Erickson)

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: 4A

24MB75 9-12 PM
SC 102
Ian Alford



Chemistry (With Ian Alford)

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: 4A

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

24MB71 9-12 PM
PHYS 333
Adi Budaraju



Chess

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

Maximum number of participants: 20

24MB19 9-12 PM
ARMS B061
Ebony Barrett-Kennedy



Citizenship in Society with Ebony Barrett-Kennedy

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

24MB119 9-12 PM
WALC B093
Natasha Harris



Citizenship in Society with Natasha Harris

"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

24MB13 9-12 PM
ARMS 1103
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.

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Maximum number of participants: 10

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

24MB14 9-12 PM
ARMS 1109
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: 2A, 2B, 3A, 4, 7 and 8 (present in class)

24MB121 9-12 PM
FRNY 1043
Theresa Santoli



Citizenship in the Community (With Theresa Santoli)

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: 20

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

24MB46 9-12 PM
ME 1130
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: 2, 3, 8 We will need a roster of names, home addresses, Unit number, and who are their state and national elected officials (Senators and Representatives), especially if out of our council, so they can address their political representatives of choice with the required letter

24MB122 9-4 PM
WTHR 362
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: 8

Prerequisites: 4b, 7a, 7b

***Note: This Merit Badge is recommended for Scouts who are at least First Class or 13 years old.

24MB126 9-12 PM
SCHM 303
Miranda Adams



Citizenship in the World (With Miranda Adams)

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: 4b, 7a, 7b

***Note: This Merit Badge is recommended for Scouts who are at least First Class or 13 years old.

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24MB20 9-4 PM
ARMS B071
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: 4b, 7a, 7b

***Note: This Merit Badge is recommended for Scouts who are at least First Class or 13 years old.

24MB125 9-4 PM
Climb Lafayette
Stephen Backus



Climbing

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: \$50.00

Maximum number of participants: 20

Prerequisites: *There is an additional \$50 fee for this class.

NOTE: This class is taught offsite at Climb Lafayette

24MB95 9-12 PM
SCHM 308
Rich Carson



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: 10

Prerequisites: 4, 7

24MB114 9-4 PM
PHYS 117
Sarah Fitzgerald



Communication (With Sarah Fitzgerald)

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: Requirements 2A or 2B, plus Requirements 5 and 8 must be done in advance. -- Half of Requirement 3, which requires them to write a five-minute speech then deliver it in a meeting of the group. They'll need to write the speech in advance, then they can deliver it during the class.-- Half of Requirement 4, which requires them to interview someone then prepare and deliver an introduction of the person as if they were going to be a guest speaker. These interviews also would need to be done in advance, then they can do the introductions during the class. ; Personal Safety Awareness (formerly known as Cyber Chip)

24MB70 9-4 PM
PHYS 116
Sarah Babcock



Communications (With Sarah Babcock)

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: Requirements 2A or 2B, plus Requirements 5 and 8 must be done in advance. -- Half of Requirement 3, which requires them to write a five-minute speech then deliver it in a meeting of the group. They'll need to write the speech in advance, then they can deliver it during the class.-- Half of Requirement 4, which requires them to interview someone then prepare and deliver an introduction of the person as if they were going to be a guest speaker. These interviews also would need to be done in advance, then they can do the introductions during the class. ; Personal Safety

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Awareness (formerly known as Cyber Chip)

24MB50 9-4 PM
LMBS B257
Teng Lee



Composite Materials

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

Maximum number of participants: 12

Prerequisites: This is a full day class that is taught in rooms LMBS B257 and HAMP 3144

NOTE: This is a full day class that is taught in rooms LMBS B257 and HAMP 3144

24MB40 9-4 PM
POLICE DEPT.
Sgt.Jon Selke



Crime Trio

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

Traffic Safety: 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.

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

Maximum number of participants: 15

NOTE: This class is taught at the Purdue University Police Department

24MB56 9-12 PM
PHYS 223
Stacy Nichols



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: 15

24MB100 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: 20

Prerequisites: *Please note the class times: 8:30 AM to 11:30 AM.

NOTE: *Time is from 8:30 to 11:30 AM; This class is taught offsite at the Klondike Dental Care 3412 Klondike Road West Lafayette, IN 47906, and is held from 8:30 to 11:30 AM

24MB10 9-12 PM
ARMS 1021
Grace Jackson



Disabilities Awareness (With Grace Jackson)

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

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24MB78 9-12 PM
SC G040
Jeremy Duff



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

24MB37 9-12 PM
Huston Electric
Matt Huston



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: 15

NOTE: This class is taught off campus at Huston Electric. 2723 Old Romney Rd, Lafayette, IN 47909

24MB34 9-4 PM
HAMP 2102
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: 1, 2 B and C, 6 C, 7 A and B, 9

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

24MB104 9-12 PM
SCHM 313
Dagny Zupin



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, SCouts 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: 4

24MB82 9-12 PM
SCHM 108
Noraa Silver



Engineering

Engineers use both science and technology to turn ideas into reality, devising all sorts of things, ranging from a tiny, low-cost battery for your cell phone to a gigantic dam across the mighty Yangtze River in China.

Maximum number of participants: 20

24MB33 9-4 PM
HAMP 2101
Dave Henderson



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: 13

24MB58 9-12 PM
PHYS 202
Nim Vorbroker



Family Life

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

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Prerequisites: 3-5, 6B 1-7.

24MB105 9-12 PM
ADM
Roger Tormoehlen, Ph.D.



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: 5

NOTE: This class is taught offsite at ADM Agricultural Innovations Center; 694 S Russell St., West Lafayette, IN 47906

24MB21 9-4 PM
Fire Station #1
Mike Dwyer



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: 6 (safety survey), 10b, and 13

NOTE: This class is being taught offsite at the Wabash Township Fire Station #1

24MB127 9-4 PM
HAMP 1113
Amie Mullikin



First Aid (With Amy Mullikin)

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: Print workbook and bring to class. Do #1 & #13 a-o.

24MB32 9-4 PM
HAMP 1144
Leah Crawford



First Aid (With Leah Crawford)

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: Print workbook and bring to class. Do #1 & #13 a-o.

24MB22 9-12 PM
BHEE 222
Joe House



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: 1, 2, 5

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24MB47 9-4 PM
MSEE B010
Michael Costello



Game Design

Games also come in almost every shape, size, format, and flavor imaginable. Games can be fast-paced, slow, or anything in between. Some are competitive. Some are cooperative. They may be for individuals, small groups, or thousands of players at a time. They might take seconds to complete or last for years. However you slice it, everyone has played games, and games help make us who we are.

Maximum number of participants: 15

24MB80 9-12 PM
HORT 222
Jon Charlesworth



Gardening

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

Maximum number of participants: 15

Prerequisites: 2,4,5,8

24MB51 9-4 PM
PHYS 111
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: Personal Safety Awareness (formerly known as Cyber Chip)

24MB111 9-12 PM
WALC 3084
Isabelle Iren



Geology

Geology is the study of Earth. It includes the study of materials that make up Earth, the processes that change it, and the history of how things happened, including human civilization, which depends on natural materials for existence.

Maximum number of participants: 15

NOTE: This class is taught by Isabelle Iren and Rachel Miller

24MB97 9-4 PM
BBGC
Alex Brawn



Golf

Golf is unique because the players police themselves. Other sports depend upon referees or umpires to apply penalties when there are infractions of the rules. In golf, every player is expected to act honorably, and the welfare and integrity of the game rely on every player's honesty. This is why golf often is referred to as a "gentleman's game."

Maximum number of participants: 11

Prerequisites: 2F, Bring clubs if you have them.

NOTE: This class is taught offsite at Birck Boilermaker Golf Complex; 1300 Cherry Ln, West Lafayette, IN 47907

24MB66 9-12 PM
Hospital
Stephanie Long



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

NOTE: This class is taught offsite at River Bend Hospital/North Central Health Services, 2900 N River Rd, West Lafayette, IN 47906

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24MB53 9-12 PM
PHYS 114
Daniel Dehn



Hiking

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: 3 can be a prerequisite or post; 4 & 5 are post requisites.

24MB64 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: 8

NOTE: This class is taught off campus at Cary Camp. 6286 IN-26, Lafayette, IN 47905

24MB25 9-12 PM
BHEE 236
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: 5

24MB54 9-12 PM
PHYS 201
Joy Williams



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: 20

Prerequisites: 3B, 6-8, Must bring in the pre-requisites to show counselor.

24MB45 9-12 PM
HAMP 2117
Dustin Grove



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

24MB108 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: 8

Prerequisites: Must be classified as a BSA Swimmer

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

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24MB15 9-12 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

24MB77 9-4 PM
SC G039
Nick Pizzala



Leatherwork

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

Maximum number of participants: 15

24MB69 9-4 PM
JDWC
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: Must Already Have Swimming Merit Badge.

NOTE: This class is taught off campus at the John R. Dennis Wellness Center, 1101 Kalberer Rd, West Lafayette, IN 47906

24MB85 9-4 PM
PFEN G077
Leah Griffin



Mammal Study & Fish and Wildlife Management

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: 20

NOTE: This class is taught by Purdue's Student Chapter of Environmental Education-SCEE

24MB72 9-4 PM
PHYS 338
Gilbert Sorola



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: 15

NOTE: This class is taught by Gilbert Sorola and Matthew Jordan

24MB61 9-12 PM
LOEB
Tammy Mayrend



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: 20

Prerequisites: RSVP their needed instrument.; 3 B

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24MB83 9-12 PM
SCHM 112
Noraa Silver



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: 2A

24MB128 9-4 PM
BHEE 170
Chris Torres



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: Pre-requisites: 1/3 of 7 A/B will be done in class. 2/3 are a pre-post requisite along with 9 and 10.

NOTE: This class will start on campus at BHEE 170 and then go to Martell Forest, 1007 N 725 W, West Lafayette, IN 47906

24MB35 9-4 PM
GLCA
Kendra Newhart



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: 1A (Only, not 1-5), 1B, 6-8

NOTE: Location Off-Campus: Greater Lafayette Career Academy; 2201 S 18th St, Lafayette, IN 47909

24MB12 9-4 PM
ARMS 1028
Trent Hanthorn



Personal Management

Personal management is about mapping a plan for your life that will involve setting short-range and long-range goals and investigating different ways to reach those goals. Education, training, and experience all help make your goals become a reality. To achieve your goals, you will choose the best path and make a commitment to it, while remaining flexible enough to deal with changes and new opportunities.

Maximum number of participants: 10

Prerequisites: 1 and 2

24MB26 9-4 PM
WTHR 114
David Teter



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: Bring a camera (ideally not a cellphone camera).

24MB57 9-12 PM
Brenneco Plumbing
Randy Lynch



Plumbing

Plumbing, including pipe fitting, is an important and well-paid occupation. The industry is quite broad. It covers installations and repairs in homes, commercial properties, and factories. Plumbing pipelines are used for water supply, waste drainage, natural-gas heating, and many other purposes.

Maximum number of participants: 15

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NOTE: This class is taught off site at Brenneco Plumbing. 2780 Conservation Club Rd., Lafayette, IN 47909

24MB41 9-12 PM
PHYS 22
Brad Thompson



Programming

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: Personal Safety Awareness (formerly known as Cyber Chip)

24MB88 9-12 PM
SCHM 122
Kayla Hobbs



Public Speaking

A lot happens during the course of every person's life and your ability to communicate your feelings and ideas is the best way to connect to the larger world. Even if you haven't stood at a podium on the stage and find the whole idea scary, sooner or later, someone is going to ask you to get up and say a few words. If you are prepared, it won't be scary. It can even be fun.

Maximum number of participants: 10

24MB27 9-4 PM
FRNY B124
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: 8 and read the merit badge book before arrival

24MB87 9-4 PM
SCHM 307
Spencer Nunez



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: 20

24MB18 9-12 PM
ARMS 3115
Katrina Glass



Reading

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.

Maximum number of participants: 15

Prerequisites: 3 A or B and 6

24MB52 9-12 PM
PHYS 112
Elliot Westrich



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: 8 and 9

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24MB55 9-4 PM
Applied Ballistics
Don Harper



Rifle Shooting

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

Maximum number of participants: 10

Prerequisites: Applied Ballistics

NOTE: The AM class will be taught off campus at Applied Ballistics (3217 Olympia Dr, Lafayette, IN), and the PM class will be on campus.

24MB107 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: 8

Prerequisites: Must be classified as a BSA Swimmer

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

24MB124 9-12 PM
WTHR 212
Mike Rohler



Safety

Knowing about safety helps Scouts to make the right choices and to take the best actions to avoid accidents by making informed choices in their everyday activities and to respond appropriately during an emergency situation.

Maximum number of participants: 15

Prerequisites: 2 A-B, 3 B, 4, and 6

24MB31 9-12 PM
HAMP 1252
Geoff Gooch



Salesmanship

By studying salesmanship, Scouts can learn self-confidence, motivation, friendliness, and the persistence necessary to overcome obstacles and solve problems. Sales can offer a challenging and rewarding career for those who enjoy interacting with people from all walks of life.

Maximum number of participants: 15

24MB89 9-12 PM
SCHM 123
Darrian Petruzzi



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: 20

Prerequisites: 4-6. Please note: 4&6 will be finished in class after the home portion. 5 will be entirely done at their home unit.

24MB116 9-12 PM
WALC 1121
Carol Ben-Davies



Scouting Your Strengths

Like constructing a strong tent, we'll explore how recognizing and nurturing your innate strengths can for the foundation upon which you can build your academic and career pursuits. We'll discuss how discovering your innate strengths can guide choices in college, career, and life paths

Maximum number of participants: 15

Prerequisites: This workshop is for scouts in 10th - 12th grade. Not a Merit Badge Class

NOTE: This workshop is for scouts in 10th -12th grade. Not a Merit Badge class.

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24MB90 9-4 PM
SCHM 302
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

24MB84 9-4 PM
SCHM 317
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

24MB65 9-4 PM
PHYS 238
Teresa Wan



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

24MB92 9-12 PM
SCHM 121
Purdue Athletics



Sports

Millions of people participate in sports every year. For some the appeal is the close friendships that come with being part of a team. Some revel in the joy of victory and lessons of defeat. For some, the personal fitness is so important that exercise becomes a daily need. And still others desire the feeling of achievement, that feeling of measurable improvement that comes with dedication to a sport.

Maximum number of participants: 20

Prerequisites: 5 will be a post-requisite

24MB67 9-12 PM
PHYS 331
Allison Morgan



Stamp Collecting

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

Maximum number of participants: 15

Prerequisites: 8

24MB44 9-12 PM
DUDL 1389
Todd Starr



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

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24MB49 9-12 PM
PHYS 110
Kevin Bump



Sustainability

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: 8A, 8C

24MB68 9-4 PM
JDWC
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

NOTE: This class is taught off campus offsite at the John R. Dennis Wellness Center, 1101 Kalberer Rd, West Lafayette, IN 47906

24MB98 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

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

24MB30 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: 6 A or B

24MB76 9-4 PM
D.A. Dodd
Rob Anthrop



Welding

Welding merit badge gives Scouts the opportunity to learn about welding fundamentals, safety, and career opportunities. Scouts will learn how to join metals using different welding techniques, such as oxyacetylene, shielded metal arc, gas metal arc, and flux-cored arc welding. They'll also learn about the equipment needed to weld safely, including protective clothing and footwear.

Maximum number of participants: 21

Prerequisites: Scouts are encouraged to wear boots, pants, and long sleeve shirts in order to participate.

NOTE: This class is taught offsite at D.A. Dodd, 3416 Rascal Drive, Lafayette, IN 47909

24MB36 9-12 PM
HAMP 2107
Cole Leffert



Wilderness Survival

In their outdoor activities, Scouts learn to bring the clothing and gear they need, to make good plans, and do their best to manage any risks. But now and then, something unexpected happens. When things go wrong, the skills of wilderness survival can help make everything right again.

Maximum number of participants: 15

Prerequisites: Totin' Chip & Firem'n Chit and 8

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24MB94 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

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

24MB43 1-4 PM
HAMP 2113
Melissa Young-Spillers



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

24MB79 1-4 PM
SC G040
Jeremy Duff



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: 15

24MB123 1-4 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: Must have experience playing an upper brass instrument like trumpet or french horn. Must bring their own bugle or trumpet/cornet. Req #6 (which can be a pre or post requisite).

24MB75 1-4 PM
SC 102
Ian Alford



Chemistry (With Ian Alford)

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: 4A

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

24MB71 1-4 PM
PHYS 333
Adi Budaraju



Chess

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

Maximum number of participants: 20

24MB19 1-4 PM
ARMS B061
Ebony Barrett-Kennedy



Citizenship in Society with Ebony Barrett-Kennedy

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.

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Maximum number of participants: 8

24MB119 1-4 PM
WALC B093
Natasha Harris



Citizenship in Society with Natasha Harris

"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

24MB13 1-4 PM
ARMS 1103
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: 2A, 2B, 3A, 4, 7 and 8 (present in class)

24MB14 1-4 PM
ARMS 1109
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: 2A, 2B, 3A, 4, 7 and 8 (present in class)

24MB46 1-4 PM
ME 1130
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: 2, 3, 8 We will need a roster of names, home addresses, Unit number, and who are their state and national elected officials (Senators and Representatives), especially if out of our council, so they can address their political representatives of choice with the required letter

24MB120 1-4 PM
FRNY 1043
Theresa Santoli



Citizenship in the Nation (With Theresa Santoli)

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: 20

Prerequisites: 2, 3, 8 We will need a roster of names, home addresses, Unit number, and who are their state and national elected officials (Senators and Representatives), especially if out of our council, so they can address their political representatives of choice with the required letter

24MB126 1-4 PM
SCHM 303
Miranda Adams



Citizenship in the World (With Miranda Adams)

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.

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Maximum number of participants: 8

Prerequisites: 4b, 7a, 7b

***Note: This Merit Badge is recommended for Scouts who are at least First Class or 13 years old.

24MB117 1-4 PM
WTHR 360
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: 1, 5b, 7

24MB56 1-4 PM
PHYS 223
Stacy Nichols



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: 15

24MB11 1-4 PM
ARMS 1021
Tom Hoffer



Disabilities Awareness (With Thomas Hoffer)

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

24MB37 1-4 PM
Huston Electric
Matt Huston



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: 15

NOTE: This class is taught off campus at Huston Electric. 2723 Old Romney Rd, Lafayette, IN 47909

24MB82 1-4 PM
SCHM 108
Noraa Silver



Engineering

Engineers use both science and technology to turn ideas into reality, devising all sorts of things, ranging from a tiny, low-cost battery for your cell phone to a gigantic dam across the mighty Yangtze River in China.

Maximum number of participants: 21

24MB17 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

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24MB58 1-4 PM
PHYS 202
Nim Vorbroker



Family Life

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: 3-5, 6B 1-7.

24MB105 1-4 PM
ADM
Roger Tormoehlen, Ph.D.



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: 5

NOTE: This class is taught offsite at ADM Agricultural Innovations Center; 694 S Russell St., West Lafayette, IN 47906

24MB22 1-4 PM
BHEE 222
Joe House



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: 1, 2, 5

24MB112 1-4 PM
WAHE
Wild About Horses



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: Rider must be less than 200 lbs. There is an additional fee of \$95 per rider. Must have 6+ scouts registered, or class will be cancelled.

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

24MB15 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

24MB28 1-4 PM
FRNY G124
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: 4 and 7

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24MB24 1-4 PM
BHEE 224
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

24MB83 1-4 PM
SCHM 112
Noraa Silver



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: 2A

24MB113 1-4 PM
WALC B058
Rachel Miller



Oceanography

The oceans cover more than 70 percent of our planet and are the dominant feature of Earth. Wherever you live, the oceans influence the weather, the soil, the air, and the geography of your community. To study the oceans is to study Earth itself.

Maximum number of participants: 15

NOTE: This class is taught by Rachel Miller and Isabelle Iren

24MB81 1-4 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: 5,6,8

24MB63 1-4 PM
PHYS 203
Dr. Christian Chauret



Public Health

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: 5

24MB88 1-4 PM
SCHM 122
Kayla Hobbs



Public Speaking

A lot happens during the course of every person's life and your ability to communicate your feelings and ideas is the best way to connect to the larger world. Even if you haven't stood at a podium on the stage and find the whole idea scary, sooner or later, someone is going to ask you to get up and say a few words. If you are prepared, it won't be scary. It can even be fun.

Maximum number of participants: 10

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24MB52 1-4 PM
PHYS 112
Elliot Westrich



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: 8 and 9

24MB42 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: 15

Prerequisites: Personal Safety Awareness (formerly known as Cyber Chip)

24MB31 1-4 PM
HAMP 1252
Geoff Gooch



Salesmanship

By studying salesmanship, Scouts can learn self-confidence, motivation, friendliness, and the persistence necessary to overcome obstacles and solve problems. Sales can offer a challenging and rewarding career for those who enjoy interacting with people from all walks of life.

Maximum number of participants: 15

24MB49 1-4 PM
PHYS 110
Kevin Bump



Sustainability

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: 8A, 8C

24MB62 1-4 PM
LOEB
Tammy Mayrend



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: 1

24MB59 1-4 PM
WLF1
Chad Evans



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

NOTE: This class is taught offsite at WLF1, 2605 Yeager Rd., West Lafayette, IN 47906