

PROGRAM AVAILABILITY FOR CUB SCOUTS, SCOUTS, AND LEADERS



Welcome to the Sagamore Council University of Scouting!

On behalf of Sagamore Council and the 2024 University of Scouting staff, we welcome you to this years' event presented by Subaru of Indiana Automotive, Inc.

The University of Scouting is a single day, day of learning for Cub Scouts, Scouts, and Leaders! The event is designed to help you improve your knowledge about many areas of Scouting America and its programs. We have designed an event packed with fun, ideas, and fellowship. We hope that you take this opportunity to meet and share ideas with other Scouters and Scouts from all over our council and beyond. This event is a great chance to meet up with old friends, make new ones, and get energized about Scouting! If there is only one event you attend all year—this is one event you do not want to miss!

For Scouts, we are offering 100+ merit badges across many disciplines to give Scouts a wide variety of badges that they can work on and likely complete that day. For those badges with pre-requisites, make sure your Scouts complete them before arrival.

For Cub Scouts, this is your chance to earn some of your age-appropriate adventures and get a kick start on your advancement for the year in the new Cub Scout program!

Whether you're a Scout, an Adult Leader, serve on a Council committee, or just a parent of a Scout at University of Scouting you can find something: a class, a merit badge, support from fellow scouters, or an opportunity to reconnect with a friend, which will help make you a better Scout, a better leader, or enhance your Scouting experience. We hope you will take the opportunity to experience everything we have put in place, and most of all, we hope it re-energizes you for another great year!

The catalog of classes offered this year at University of Scouting is robust! We have expanded the course offerings with the hope that everyone can find something of interest to help enhance your own Scouting journey. You will find many old favorites and some new classes that will engage your sense of adventure, satisfy a curiosity, and get you closer to your goals!

Sign up before they fill up! There are over 1,500 classroom seats so far!

An event of this size takes dedication and hard work on the part of many exceptional volunteers and community partners. We have been fortunate to work with a committee of Scouters who share a deep love and commitment to Scouting America and its programs. Thank you to each of them for sharing their time, their vision and passion with us and with other Scouters.

Finally, we especially want to thank YOU for the time you put into Scouting, please know that you are making a difference, after all, It All Begins With ... U.

Welcome to University of Scouting 2024!!

Yours in Scouting,

Diane Carman

Council VP of Advancement

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- 15. Class Coding and Blue Cards
- 16. Swag Order Info
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18-20 Business Merit Badges

- 18. American Business, Entrepreneurship, American Labor, Health Care Professions, Inventing
- 19. Journalism, Law, Plumbing, Salesmanship
- 20. Welding, Communications, Truck Transportation

21-23 Citizenship Merit Badges

- 21. American Cultures, Citizenship in Society, Community, and Nation
- 22. Family Life, Citizenship in the World, Fingerprinting, Traffic Safety, and Crime Prevention
- 23. Disabilities Awareness

24-26 Physical Fitness/Sports/Recreation

- 24. Archery, Athletics, Sports, and Horsemanship
- 25. Rifle Shooting, Personal Fitness, and Skating (cancelled)
- 26. Cycling, Golf, and Hiking

27-30 Personal Development and Hobbies Merit Badges

- 27. Automotive Maintenance, Chess, Coin Collecting, and Genealogy
- 28. Leatherwork, Music, Theater, and Scouting Heritage
- 29. Public Speaking, Reading, Stamp Collecting, and Woodwork
- 30. Photography, Railroading, Art, and Personal Management











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31-39 STEM: Science, Technology, Engineering, and Math

- 31. Architecture, Drafting, Bird Study, and Radio
- 32. Home Repairs, Programming, Robotics, and Surveying
- 33. Animal Science, Animation, and Archeology
- 34. Chemistry, Composite Materials, and Electricity
- 35. Engineering, Game Design, Energy
- 36. Mammal Study, Nuclear Science, Reptile and Amphibian Study
- 37. Aviation, Veterinary Medicine, Weather
- 38. Geology, Oceanography, Moviemaking, Dentistry
- 39. Astronomy, Space Exploration, Insect Study

40. Aquatics Merit Badges

40. Swimming, Lifesaving, Kayaking, Rowing, and Canoeing

41-43. Nature and Agriculture

- 41. Fish and Wildlife Management, Forestry, Landscape Architecture
- 42. Gardening, Plant Science, Nature, and Environmental Science
- 43. Soil and Water Conservation, Sustainability, and Farm Mechanics

44-45. Safety Merit Badges

- 44. Emergency Preparedness, 1st Aid, and Wilderness Survival
- 45. Public Health, Search and Rescue, and Fire Safety

46. Late Added Classes

- 46 A. Collections
- 46 A. Bugling
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- 47. Hotels and Camping Accommodations
- 48. Midway Vendors
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Animation Archery Architecture

Art

Automotive Maintenance

Aviation Chess

Citizenship in Society

Citizenship in the Community

Citizenship in the Nation Citizenship in the World

Communications

Crime Trio

Emergency Preparedness

Environmental Science

Family Life First Aid

Game Design

Home Repairs

Horsemanship

Law

Lifesaving

Oceanography

Personal Fitness

Personal Management

Programming

Robotics

Sustainability

Swimming

Theater

Truck Transportation

Weather

Welding

Woodwork

Wolf Adventures Bear Adventures Webelos Adventures Arrow of Light Adventures

CPR



Skating Merit Badge has to be cancelled due to a staffing issue at the skating rink. They intend to offer this class at next years event.











Event Registration Procedures:

Early registration is highly encouraged for all participants since many classes fill up quickly and class sizes are limited, especially for merit badges. Adult leaders and Cub Scouts that are taking classes must register as well.

Registration will be available from 7/1/2024 through 11/7/24 for \$25.

On 11/8, the cost will go up to \$35 and will close at 11:59 PM on 11/26.

Some classes have an additional program fee for that specific class. Those are noted in the subsequent pages.

Scouts can register themselves or the Unit can register them. If you have registration issues, please contact Emily.Wheeler@Scouting.org or by calling the Hingst Service Center at 765-452-8253. No day of registrations will be accepted. There is an option in Black Pug to import you roster so that the finer details of each participant is easier to input. We suggest doing that so you don't have to reference/remember the following items for each Scout that will be required for registration:

Information needed for each participant:

Scout Name, Gender, Rank, Birth Date, and Email Address (their own email or a parent's email address is preferred so that we can send class schedules. Please do not use the same email address or just the leader's email address for all Scouts). If you use the roster feature, the Scouts' information will autopopulate.

How to register:

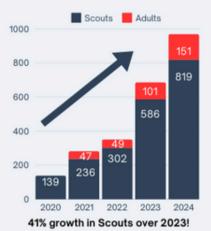
- 1. Go to: www.scoutingevent.com/162-2024 UofSPurdue
- 2. Click Register and then click "Continue as Guest" or "Login" (For people who have previously used this system)
 - 3. Enter quantity of participants (youth or adult) and then submit
- 4. Under the registrant tab and each participant tab, click Update Information to enter all the required information to complete the registration.
 - 5. After all required information is entered, click on the "Check Out" tab to continue to the payment screen.
- 6. Enter all payment information and then click "Book Registration" to complete your registration. We will do our very best to keep our schedule as printed in this catalog; however, due to instructor availability, class limitations, and circumstances beyond our control, we may find it necessary to reschedule or cancel a class. We will post notification of such changes on the day of the event and communicate prior if possible.



UNIVERSITY

OF SCOUTING BY THE NUMBERS





MERIT BADGE OFFERINGS



Unique MBs, not repeat classes/sessions!



2020-Virtual Only (COVID)

2023
22 COUNCILS
7 STATES



202440 COUNCILS
16 STATES

MERIT BADGE COMPLETION RATE







Revised Schedule for Saturday, December 7, 2024

Scouts should not be dropped off on campus without an assigned chaperone or leader.

Scouts should travel campus with a buddy at all times.

All Scouts/Leaders should attend the Opening Ceremony with the exception of Dentistry Merit Badge. Those Scouts will report to Klondike Dental for their earlier class start. They should check in on campus before going to the dentist office.

7:00-8:00 AM Merit Badge Counselors/Instructors Packet Pick Up at Elliott Hall of Music

7:00-7:55 AM Participant Packet and Backpack Pick Up at Elliott Hall of Music

7:00 AM-4:00 PM Vendor Midway In WALC 1018 and 1132 (if we have overflow vendors)

8:00 AM-2:00 PM American Red Cross Blood Drive WALC 2087

8:00-8:25 AM Opening Ceremony at Elliott Hall of Music

8:25 AM-8:55 AM Travel to First Classroom

9:00 AM-12 PM Morning Merit Badge Session and Adult Classes

12:00-1:00 PM Break for Lunch- Class of 1950 Lecture Hall Room 224
All "Off Campus" merit badges (except Dentistry) will have lunch delivered to their locations; those Scouts that are headed back to campus for the afternoon can eat in route. Dentistry will get lunch on campus.

1:00-2:00 PM Fireside Chat with Sagamore Council President Mike Boebinger (CL50 Room 224)

1:00-4:00 PM Afternoon Merit Badge Session

2:00-3:00 PM Afternoon Adult Classes (with some exceptions)

LUNCH PROVIDED BY

LUNCH IS INCLUDED WITH ALL YOUTH
AND ADULT REGISTRATIONS,
ADDITIONAL LUNCH TICKETS ARE
AVAILABLE FOR PURCHASE FOR
STAYING GUESTS FOR \$12 EACH IN
ADVANCE ONLY, NO PAYMENT ON SITE.





"I would not be writing this if it weren't for my Webelos experience and the virtues I learned in Cub Scouts, Webelos, and Boy Scouts."

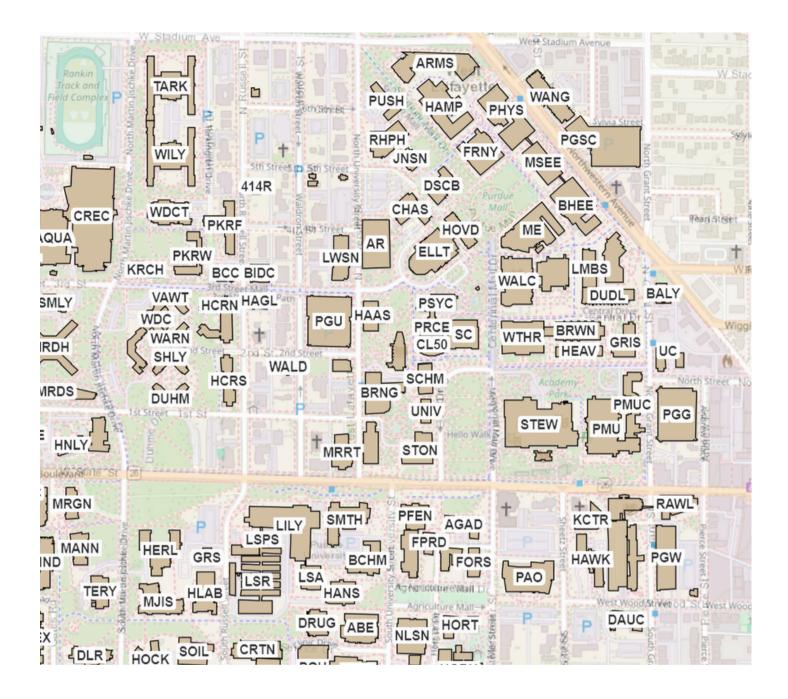
How Boy Scouts Directed My Life Pat Williams, PhD

Purdue University Extension Agriculture and Natural Resources Educator: Tippecanoe County

I grew up in Huntington Beach, CA in the 1960s. I joined the Cub Scouts at age 8 and attended jamborees, overnight campouts, and any activity that was offered. In 1973 at the age of 12, my family moved to Crestline, CA in the San Bernadino Mountains. In my last year of Webelos, our pack leader taught us of all things the art of macrame. Being an enterprising youth, I decided to make macrame plant hangers and sell them to neighbors, family, and the summer tourists. During spring 1974, my Dad said I would make more money if I put a plant in the hangers and those two events changed the path of my life.

Toward the end of summer, I convinced my Dad to let me

have a summer festival booth at the lake selling my plant hangers. During the two-day event, I met Andy Fletcher who offered me a job working in his greenhouses and grounds at the Chrysanthemum Gardens. Andy was 79 when we met and I worked with him learning his craft for three years until he passed away. After those three years of being surrounded by plants and still selling my macrame hangers, I knew what I wanted to do. Now 50 years later, 4 college degrees, living in 11 states and working many different careers within horticulture, I have a chance to give back at the University of Scouting and who knows, someone may find their calling in life during the event. I would not be writing this if it weren't for my Webelos experience and the virtues I learned in Cub Scouts, Webelos, and Boy Scouts. Thank you BSA for the opportunity to give back.



ARMS: Neil Armstrong Hall of Engineering

PHYS: Physics Building

FRNY: Forney Hall of Chemical Engineering MSEE: Materials and Electrical Engineering

WALC: Thomas S. and Harvey D. Wilmeth Active Learning Center

ELLT: Edward C. Elliott Hall of Music

SC: Stanley Coulter Hall

CL50: Class of 1950 Lecture Hall (Event HQ: Room 224)

HORT: Horticulture Building LILY: Hall of Life Sciences

WTHR: Richard Benbridge Wetherill Lab of Chemistry TERY: Oliver Perkins Terry House (Police Dept)

STEW: Stewart Center

LYNN: Lynn (Charles J.) Hall of Veterinary Medicine

Point of Reference: From ARMS to HORT, it is a .9 mile walk. All buildings being used "on campus" are on this map.

BHEE: Max W. and Maileen Brown Family Hall

HORT: Horticulture Building STON: Winthrop E. Stone Hall

DUDL: Dudley Hall LMBS: Lambertus Hall FORS: Forestry Building

PFEN: David C. Pfendler Hall of Agriculture ME: Mechanical Engineering Building

HAMP: Delon and Elizabeth Hampton Hall of Civil

Engineering

SCHM: Helen B. Schleman Hall

PGSC, PGG, PGU-Nearby Parking Lots

KNOY Knoy (Maurice G.) Hall of Technology (just to the

right of LMBS) not labeled.

HAGL: Marc and Sharon Hagle Hall



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)

WALC 2007, 9-10:55 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.

WALC 1087, 9-9:55 AM

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 Full Day Session 9 AM-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 Full Day Session 9 AM-4 PM

CPR 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 6 participants per class.

WALC 3154, 9:00-11:55 AM WALC 3154, 1:00-3:55 PM

Additional Fee: \$45 for certification

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, 9-9:55 AM

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, 11-11:55 AM

Wood Badge and 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, 10:00-10:55 9 AM-4 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, 11:00-11:55 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, 10:00-10:55 AM

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, 10:00-10:55 AM

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!

WALC 2088, 2-2:55 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, 11-11:55 AM

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.

WALC B066, 2:00-2:55 PM

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!



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.

WALC 2051, 2:00-2:55 PM

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

WALC 2007, 2:00-2:55 PM

they work towards it!

Why is the University of Scouting so important? The story of Justin Cline...





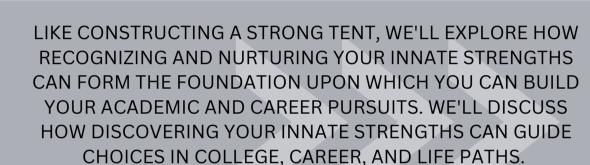
At the University of Scouting in December of 2022 Justin completed the Veterinary Medicine Merit Badge. In January of 2024, Justin Cline received his offer of admission to the Animal Science program in the College of Agriculture at Purdue University. He has always like being around animals and wants to eventually be a Veterinarian. In February, Justin had his Eagle Board of Review and is now officially an Eagle Scout. Tying to his love of animals, Justin's Eagle project benefitted the Black Pine Animal Sanctuary in Albion, IN. After he accepted his offer to Purdue, he applied for Purdue's Veterinary Scholars Program. (Typically 100+ students apply, about 20 are interviewed and around 10 offered a position in the program.) Being accepted in the program means he would be pre-accepted in the Doctor of Veterinary Medicine program at Purdue. The Dean of Purdue's College of Veterinary Medicine recently called to offer him a position as a Veterinary Scholar. This all started with the University of Scouting two years ago and now Justin is on his way to a career in vet med!!

See what Justin had to say about the connection below!

"Taking the Veterinary Medicine Merit Badge at Purdue University helped me to create connections for my future career as a veterinarian. As part of my path to become an Eagle Scout, I envisioned myself in my future career as a veterinarian."

SCOUTING YOUR STRENGTHS

BUILDING Λ STRONG COLLEGE Λ ND CAREER FOUNDATION





CAROL BEN-DAVIES, M.ED

FOUNDER, COLLEGE BOUND DETERMINATION, LLC CEO, KEYSTRENGTHS CONSULTING, LLC CO-AUTHOR OF THE BEST SELLING BOOK, "YOU CAN GO TO COLLEGE FOR FREE!"

OPEN TO SCOUTS IN 10TH-12TH GRADE
SATURDAY, DECEMBER 7, 2024
SAVE THE DATE

9:00 AM-12:00 PM @ UNIVERSITY OF SCOUTING @ PURDUE UNIVERSITY

THIS WILL SERVE AS AN AM CLASS, SCOUTS WOULD STILL BE ABLE TO TAKE A PM MERIT BADGE SESSION.



Class Coding Guide

AM = 9 AM-12 PM Class

PM = 1 PM-4 PM Class

FULL DAY = 9 AM-4 PM Class

ADDITIONAL PROGRAM FEE = Is a determined fee necessary for a few of our offerings in order to provide that experience or class.

OFF CAMPUS = Off Campus classes are those that will require a parent or leader to drive the Scout to and from that class. Locations are too far to walk.

ON CAMPUS = On campus and close enough to walk.

PRE-REQUISITES = Requirements on merit badges that have to be completed before coming to the event. Scouts should bring proof of their completion to class to show their counselor so they get credit for its completion. Some classes will have post requisites that will need to be completed after the event. Those counselors will work with the Scouts via email to ensure they get credit for the completed requirements.

Blue Cards

We do not use blue cards for advancements at this event. Scout progress will be recorded by their counselor on their class roster and then input into Black Pug (where you will register for the event) after the event by our Council Staff. Please allow 2-3 weeks for that data to be input in the system. Once we have that data input you will be notified and will then be able to print your own blue card after the event data has been input.

Event Swag!



The long sleeve tee is a performance moisture wicking material . The hoody is a typical cotton hoody.

These will be available for PRE-ORDER ONLY and you can pick them up at check in for the event.

Youth and Adult sizes available.

*Add \$5 for XXL and above in both the shirt or hoody

Place orders for them when registering for the event.

CUB SCOUT ADVENTURES



Lion: Build it Up, Knock it Down, Count on Me, Gizmos and Gadgets (3-1 hour time slots; 9 AM, 10AM, and 11 AM, concluding with lunch at 12 PM.)

WALC 3090



Tiger: Designed By Tiger, Floats and Boats, Tech All Around* WALC 3121



Wolf: Adventures in Coincide the Wolf, Code of the Wolf*
WALC 3122



Bear: Baloo the Builder Ede has and Super Science*
WALC 3127



Webelo: Earth Rocks!, Build It and on the Trail/Tech on the Trail (will include a two mild of those trek/walk)*

WALC 3132



Arrow of Light: Engineer Stip Joss, Into the Woods*

WALC 3138

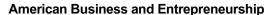
*3-2 hour time slots, 9 AM-11 AM, 11 AM-2 PM (with an hour break for lunch), and 2-4 PM. Cub Scouts register for the event as a whole and will complete all three adventures for their rank. They do not register for individual sessions.

Here is a link to the different Cub Scout Adventures and what they will cover: https://www.scouting.org/programs/cub-scouts/adventures/

BUSINESS







Scouts learn practical business matters that will be useful throughout life. Learning how businesses function will help them understand society and uncover a number of career options.

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.

Donte Wilburn

CEO, Premier Auto Detailing and author of, "Born Hungry, You Were Made For More."

American Business- AM, ARMS 3109, On Campus, Class Size: 15 Entrepreneurship- PM, ARMS 3109, On Campus, Class Size: 15



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.



Steve Snyder

Business Development Director, Freitag-Weinhardt-Mechanical Contractor; Tippecanoe Building and Construction Trade Council, City Councilman, City of Lafayette, IN

Full Day, SCHM 309, On Campus, Class Size: 15



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.



Stephanie Long (or representative)

CEO, North Central Health Services/River Bend Hospital

AM, River Bend Hospital, 2900 N. River Rd. West Lafayette, Off Campus, Class Size: 15



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.



Joy Williams

Co-Founder and Owner at NinniCo., Inventor.

AM, PHYS 201, On Campus, Class Size: 20 Pre-requisites: 3B, 6-8 (bring all with you to class)



BUSINESS



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.

Dustin Grove

Emmy Award winning journalist, News Anchor, WTHR-TV 13 Indianapolis

AM, HAMP 2117, On Campus, Class Size: 15



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.

Dr. Cedric D'Hue, JD., Patent Counsel at Eli Lilly and Company; Scout Leader

PM, FRNY G124, On Campus, Class Size: 15

Pre-requisites: 4 and 7



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.



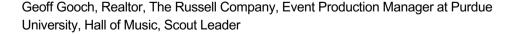
Brenneco Plumbing

AM, Brenneco Plumbing, 2780 Conservation Club Rd. Lafayette, Off Campus, Class Size: 15



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.



AM and PM, HAMP 1252, On Campus, Class Size: 15





BUSINESS





Welding

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

D.A. Dodd, As a fully bonded, insured, union mechanical contractor, D.A. Dodd handles jobs of all sizes including plumbing, heating, cooling, and industrial process piping for commercial, industrial, and institutional customers. Our plumbers, pipefitters, refrigeration, food service and HVAC technicians are some of the best in the Midwest. When it comes to specialized applications like universities, laboratories and hospitals. D.A. Dodd has the experts and the experience you need at every level.

Full Day, D.A. Dodd 3416 Rascal Dr. Lafayette, IN, Off Campus, Class Size: 21



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."



Dr. Sarah Babcock

Professor, College of Liberal Arts, Professional Writing, Scout Mom, Scout Leader

Full Day, PHYS 116 or 117, On Campus, Class Size: 10 (2 sessions)

Pre-requisites: 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; Cyber Chip



THEIGHT VIEW



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.

Ken Moore

Materials Logistics Manager, Subaru of Indiana Automotive in co-op with Old Dominion Freight Line

AM, Old Dominion Freight Lines, 4337 Haggerty Ln. Lafayette, Off Campus, Class Size 12



CITIZENSHIP



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.

Melissa Young-Spillers, BA's Sociology and Political Science, former high school and college professor, Scout Leader and Scout Mom

PM, HAMP 2113, On Campus, Class Size: 15



Realize the benefits of diversity, equity, inclusion, and ethical leadership. Scouts will research any individual who has demonstrated positive leadership while making an ethical decision, explain what options the leader had when faced with a problem, why they believe they chose their final course of action, and the outcome of the leader's decision.



Diversity, Equity, and Inclusion Consultant for West Central Region of Indiana University Health

Natasha L. Harris Associate Director of Diversity College of Science, Purdue University

AM and PM, ARMS B061 or WALC B093, On Campus, Class Size: 8



Indiana University Health



Citizenship in the Community

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

Chris Campbell, Indiana State Representative; Indiana House District 26 Michael Budd, CEO Indiana United Ways, Eagle Scout Theresa Santoli

AM and PM, ARMS 1103 or 1109, On Campus, Class Size: 10 (4 sessions) Pre-requisites: 2A, 2B, 3A, 4, 7, 8 (present in class)



Wabash Township

Citizenship in the Nation

Scouts 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.

Angel Valentín, Wabash Township Trustee Teresa Santoli





CITIZENSHIP



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.

Nim Vorbroker, Mother, Scout Mom, Scout Leader

AM and PM, PHYS 202, On Campus, Class Size: 10

Pre-requisites: 3-5, 6B 1-7



Citizenship in the World

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

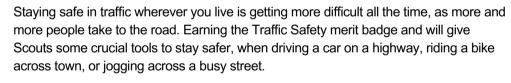
Dr. Richard McClurg, Research Fellow at Curia, Scout Leader

Full Day, ARMS B071, On Campus, Class Size: 15



Crime Prevention/Traffic Safety/Fingerprinting (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.



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.

Sgt. Jon Selke, Purdue University Police Department, Scout Dad

Full Day, Purdue Police Department, 205 S Martin Jischke Dr, West Lafayette, On Campus, Class Size:15

NOTE: this is a full day class and Scouts will complete all three merit badges. Scouts can't choose which ones they want to attend or not.











CITIZENSHIP



Disabilities Awareness

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

Disabilities Awareness

Grace Jackson, Program Development Manager, Wabash Center

Thomas and Shawn Hoffer, Eagle Scout and Scout Leader who has cerebral palsy

AM and PM, ARMS 1021, On Campus, Class Size: 15 (two sessions)

PHYSICAL FITNESS/SPORTS/RECREATION







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.

Argent Rattray and Abby Thatcher, Eagle Scouts Camp Buffalo Summer Camp Archery Staff

Full Day, Geneo's Hunting and Fishing, 310 S. 16th St. Lafayette, Off Campus, Class Size: 8







Athletics and Sports

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."

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.

Representatives from Purdue Athletics will teach these two classes. Actual instructors will be determine closer to the event to determine if players, coaches, faculty, or staff will be able to assist.

Athletics: Full Day, SCHM 114, On Campus, Class Size: 20

Pre-requisites: 6 B

Sports: AM, SCHM 121, On Campus, Class Size: 20

Post-Requisite: 5

These two classes will likely move to a different athletic facility once the Athletic Dept. identifies who will be assisting.



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.

Wild About Horses Equestrian Center

PM, Wild About Horses Equestrian Center 6830 IN-25 S. West Point, IN. Off Campus,

Class Size: 12

Rider must be less than 200 lbs. Additional Program Fee: \$95







Rifle Shooting

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

Jeff Pickering, NRA RSO/Rifle Instructor, Council Shooting Sports Committee

Full Day, Applied Ballistics 3217 Olympia Dr. Lafayette, Off Campus, Class Size: 10



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.

Representatives from Purdue Athletics will teach these two classes. Actual instructors will be determine closer to the event to determine if players, coaches, faculty, or staff will be able to assist.

Kendra Newhart, Owner Fearless Power and Strength and Instructor in Exercise Science at the Greater Lafayette Career Academy.

Full Day, Greater Lafayette Career Academy 2201 S. 18th St. Lafayette, Off

Campus, Class Size: 20

Pre-requisites: 1A (only not 1-5), 1B, 6-8



Skating

This merit badge introduces Scouts to the exciting of the skating, roller skating, in-line skating, and skateboarding to addit a to ein tary njoyable leisure activity that promotes fitness, per production of the control of the skating.

Great Inite Control of

AM, Great United Skates 135 S. Earl Ave. Lafayette, Off Campus, Class Size: 30

PHYSICAL FITNESS/SPORTS/RECREATION



Cycling

Since 1911, hundreds of thousands of Scouts have made the most of their twowheel adventures. 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.

Stacy Nichols, Cycling Enthusiast, Co-Chair of the Buffalo Stampede (cycling/bicycle ride); Eagle Scout, Scout Leader, Scout Dad

AM and PM, PHYS 223, On Campus, Class Size: 15

Scouts will not complete this badge on this day due to the numerous rides a Scout needs to complete unless they are completed and recorded in advance. Counselor can be reached at swnichols01@gmail.com



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."

Alex Brawn. Scout Alumni
Asst. Golf Professional and Merchandise Coordinator

Full Day, Birck Boilermaker Golf Course, 1300 N. Cherry Ln. On Campus but not walkable quickly. Class Size: 10

Pre-requisites: 2F, Bring your own golf clubs



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.

Daniel Dehn, US Navy Veteran, Outdoor Enthusiast, Scout Leader and Scout Dad

AM, PHYS 114, On Campus, Class Size: 15

Post requisites: 3 and 4





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.

Guaranteed Automotive and Transmission

We provide full-service auto repair to keep your vehicle running smoothly. Schedule an appointment today for comprehensive maintenance and repairs to keep your car in top condition.

Full Day, Guaranteed Automotive and Transmission 3742 State Rte. 38 Lafayette. Off Campus. Class size: 15





Chess

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

Purdue Chess Club

AM and PM, PHYS 333, On Campus, Class size: 20



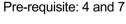


Coin Collecting

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.

Lafayette Numismatic Society

AM, SCHM 308, On Campus, Class Size 10





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.

Lori Schull Genealogy Enthusiast; Scout Leader and Scout Mom

Full Day, PHYS 111, On Campus, Class Size: 15

Pre-requisite: Cyber Chip





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.

Nick Pizzala, Eagle Scout and was a summer camp counselor for 7 years at Tomahawk Scout Camp (Birchwood, Wisconsin (Northern Star Council, St. Paul, Minnesota)), the last 2 years I was the Camp Director for their Cub Scout Camp. 4th year graduate student in analytical chemistry at Purdue and will be finishing his Ph.D. in May of 2025.

Full Day, SC G039, On Campus, Class size: 15



Music and Theater

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.



Tammy Mayrend, Scout Leader, Scout Mom, professional signer and actress and holds a BS in Music and Theater from Central Michigan University.

Music: AM, Location TBD, On Campus, Class Size: 20

Pre-requisite: 3 B and report to the counselor what instrument you'd like to learn.

Email is: scouter48197@gmail.com

Theater: PM, Loeb Playhouse, On Campus, Class Size: 20

Pre-requisite: 1

These classes can be registered together or separate. They will be in one of the theaters on campus, we just aren't sure which one yet.



Scouting Heritage

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

Darrian Petruzzi, Eagle Scout, Development Director, Sagamore Council

AM, SCHM 123, On Campus, Class Size: 15 Pre-requisite: 4-6 (4 and 6 will be finished in class after the home portion, 5 will be entirely done at their home unit.





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.

Kayla Hobbs

High school speech and debate nationals qualifier & state winner, college participation.

AM and PM, SCHM 122, On Campus, Class Size: 10



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.

Katrina Glass, Arbitration Analyst, Scout Leader

AM, ARMS 3115, On Campus, Class Size: 15

Pre-requisites: 3 A or B and 6



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.

Allison Wisler, Stamp Collector, Scout Leader

AM, PHYS 331, On Campus, Class Size: 15



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.

Halsema Custom Crafts

Full Day, 660 Main St. Lafayette, Off Campus, Class Size: 6





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.

David Teter, Owner Greyt Event Media and Treat Your Selfie

Full Day, WTHR 114, On Campus, Class Size: 15 Please bring a camera, preferably not a cell phone.



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.

Purdue Railroad Club



Full Day, SCHM 307 and Purdue Memorial Union, On Campus. Class size: 20 This class will split time between the classroom and the union where their railroad set up is.



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.

Susanna Nichols Camp Buffalo Scoutcraft Director

Full Day, SCHM, 316, On Campus. Class size: 10



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.

Trent Hanthorn

Asst. Vice President/Small Business Banker, Centier Bank (Scout Leader)

Full Day, ARMS 1028 On Campus. Class size: 10

Pre-requisite: 1 and 2









Architecture and Drafting

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.

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.

KJG Architecture, Inc.,

Headquartered in West Lafayette, Indiana, is comprised of four departments: Architecture, Structural Engineering, Interior Design, and Residential Architecture.

Architecture: PM, SC G040, On Campus. Class Size: 15

Drafting: AM, SC G040, On Campus. Class Size: 15

These classes can be registered together or individually.





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.

Dr. Jessica Outcalt

Purdue University; Agriculture and Natural Resources / Community Development Extension Educator, County Extension Director

Full Day, SCHM 113, On Campus, Class Size: 15



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 can¹t reply) as well as two-way radio (where the same person can both receive and send messages).

Bob Sambolin

AS Applied to Electronics, Extra Class Amateur Radio License and GMRS Radio License, Scout Leader

Full Day, FRNY B 124, On Campus. Class Size: 15 Pre-requisites: Read the MB booklet and complete #8





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.

Becky Wellner, Sagamore Council, Cary Camp Ranger Trent Fletcher, Tipmont REMC

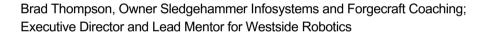
Full Day, 6282 State Rd. 26 E. Lafayette., Off Campus. Class size: 8



Programming and Robotics

Programming merit badge will take you "behind the screen" for a look at the complex codes that make digital devices useful and fun.

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



Programming: AM, PHYS 22, On Campus, Class Size: 15 Robotics: PM, PHYS 26, On Campus, Class Size: 15

These two classes can be signed up together or individually.

Pre-requisites: Cyber Chip (for both classes)





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.



Todd Starr

Surveyor and Co-Owner Starr Associates; Adjunct Professor, Purdue University, College of Engineering



AM, DUDL 1389, On Campus, Class size: 15



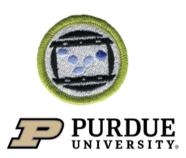
Animal Science

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.

Amber Brad

BS/MS Animal Science, Scout Leader and Scout Mom

AM, BHEE 224, On Campus, Class Size: 15



Animation

Learn how to create animations, the ways in which animation is used and the fun and exciting career opportunities in animation.

Daniel Triplett

Master of Fine Arts, Senior Environment Artist, Purdue University Polytechnic Institute, Assistant Professor of Practice. As a game developer he has worked with companies such as Pixar, Marvel Studios, Nickelodeon, Deep Silver Volition and Midway Games.

Ray Hassan

Master of Fine Arts, Associate Professor of Practice.

Ray is a Clinical Assistant Professor, specializing in 3D Animation. He received his MS from Purdue University through the department of Computer Graphics Technology. His primary areas of interest are 3D animation production, visualization, and illustration.

Full Day, KNOY 306, On Campus, Class Size: 20



Archaeology

Understand how cultures evolve and investigate the past using clues our ancestors left behind. Scouts will learn about five archaeological sites in and outside the United States and give a short presentation about their findings to their peers in their classrooms.

Dr. Kory Cooper

Assoc. Professor of Anthropology and Director of Native American & Indigenous Studies, Purdue University, College of Liberal Arts.

Dr. Michele Buzon

Professor of Anthropology, Purdue University, College of Liberal Arts

Full Day, STON 154, On Campus, Class Size: 15



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.

Alpha Chi Sigma; professional Chemistry Fraternity

Ian Alford

Undergrad Student at Purdue University College of Science, emphasis in Chemistry, American Chemical Society

Jayna Enguita, PhD Student, Analytical & Physical Chemistry, Purdue University College of Science

Brooke Steeno

Graduate Student at Purdue University College of Science, emphasis in Chemistry

AM and PM, SC 102 or SC G030, On Campus, Class Size: 20 (3 sessions) Pre-requisites: 4A



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.

Teng Lee

Purdue Department of Mechanical Engineering Technology. Manages the Polymer Processing and Machining/Fabrication Laboratories, Eagle Scout

Full Day, LMBS B257 and HAMP 3144, On Campus, Class Size: 12



Electricity

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

Matt Huston
President, Huston Electric

AM and PM, 2723 Old Romney Rd. Lafayette. Off Campus, Class Size: 15



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.

The Purdue American Nuclear Society (ANS) student branch at Purdue University is a non-profit organization whose purpose is to serve the students of Purdue University and support our School of Nuclear Engineering.

AM and PM, SCHM 108, On Campus, Class Size: 20



- The Sage's Shoppe

Game Design

Games 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.

Michael Costello Manager, The Sage's Shoppe, Eagle Scout

Full Day, MSEE B010, On Campus, Class Size: 15



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.

Duke Energy

Duke Energy Corporation is an American electric power and natural gas holding company headquartered in North Carolina with operations in Lafayette, IN

AM, SCH 313, On Campus, Class Size: 15

Pre-requisite: 4



Mammal Study

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.

SCEE: Purdue's Student Chapter of Environmental Education-. They are an organization at Purdue University dedicated to the advancement of environmental knowledge through education and outreach.

Full Day, FORS 217, On Campus, Class Size: 20



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.

The Purdue American Nuclear Society (ANS) student branch at Purdue University is a non-profit organization whose purpose is to serve the students of Purdue University and support our School of Nuclear Engineering.

AM and PM, SCHM 112, On Campus, Class Size: 20



Reptile and Amphibian Study

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

Elliot Westrich, Purdue University College of Veterinary Medicine, 3rd Year Doctoral Student, D.V.M. Class of 2026

AM and PM, PHYS 112, On Campus, Class Size: 15

Pre-requisite: 8 and 9



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.

Jim Paulsen

Retired US Navy Pilot with 30 years flight experience and is now the Chief Flight Instructor for Lafayette Aviation.

AM, Purdue Airport: 1501 Aviation Dr. West Lafayette. On Campus (not in walking distance). Class Size: 20

Pre-requisite: 3B



Veterinarian 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.

Dr. Emily Curry

Clinical Asst. Professor, Mobile Surgery/Shelter Medicine, Purdue University. Dept. of Veterinary Clinical Sciences; Scout Mom

AM, LYNN G119/155, On Campus, Class Size: 15

Pre-requisite: 6 A or B





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.

Chad Evans

Chief Meteorologist, WLFI News 18

PM, WLFI News Station: 2605 Yeager Rd. West Lafayette. Off Campus. Class Size: 15







Geology and Oceanography

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.

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.

Purdue University, Department of Earth, Atmospheric, and Planetary Sciences

Geology: AM, WALC 3084, On Campus, Class size: 15

Oceanography: PM, WALC B058, On Campus, Class Size: 15



Moviemaking

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

Gilbert Sorola and Matthew Jordan of MJ Multimedia. They co-wrote the full feature film Counter Column, https://countercolumnthemovie.com/ and have produced several award winning short-films.

Full Day, PHYS 338, On Campus, Class Size: 15





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

Dr. Sydney VanArsdel Klondike Dental Care

AM, Klondike Dental Care 3412 Klondike Rd. West Lafayette. Off Campus, Class Size: 20

Note: this class will run from 8:30 AM-11:30 AM. These Scouts will report directly to the site upon checking in on campus and will skip the opening ceremony. They will report back to campus for lunch.





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.

George Wyncott

Purdue University Retired, Wabash Valley Astronomical Society

Full Day, MSEE B012, On Campus, Class Size: 15

Pre-requisite: 4, 6, 8



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. Let's be honest, you can't offer merit badges at Purdue without offering Space Exploration!!!!

Purdue Space Program

Full Day, PHYS 238, On Campus, Class Size: 15 (You can't offer merit badges at Purdue University and not offer Space Exploration!!!)



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.

Dean Brad, BS/MS in Entomology, Scout Leader

AM, BHEE 236, On Campus, Class Size: 15

Pre-requisite: 5

AQUATICS





Swimming and Lifesaving

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.

No 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.

John R. Dennis Wellness Center Aquatic Staff

Swimming: Full Day, 1101 Kalberer West Lafayette. Off Campus, Class Size: 10

Lifesaving: Full Day, 1101 Kalberer West Lafayette. Off Campus, Class Size: 10 Pre-requisite: Must have Swimming Merit Badge



Kayaking

Kayaking has become one of the fastest-growing paddlesports in the United States. An estimated nine million Americans enjoy this sport. The most popular style of kayaking is recreational kayaking, followed by touring/sea kayaking, and whitewater kayaking. This merit badge will introduce you to recreational kayaking and help prepare you for advanced paddlesports such as tour/sea and whitewater kayaking.

Janna Leffert, Boating Enthusiast



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.

Gabe Benninghoff, Former Camp Buffalo Aquatics Staff



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.

Cole Benninghoff, Former Camp Buffalo Aquatics Staff

Each of these three badges are Full Day, Harrison High School 5701 N. 50 W West Lafayette, Off Campus, Class size: 8

Pre-requisite: Must have passed (and show) the BSA Swimmer Test The test will not be administered on site.







Fish and Wildlife Management

Learn how animal diversity impacts the planet and the longevity of communities across the globe. This is a conservation-based merit badge recognizing our ecological impact and responsibility to preserve and protect animal life. Scouts will learn the purpose of fish and wildlife conservation while listing at least three significant problems threatening fish and wildlife resources in their community.

Megan L. Gunn

Recruitment and Outreach Specialist, Purdue University, Forestry and Natural Resources

Full Day, PFEN G077, On Campus, Class Size: 30

Pre-requisite: 5



Forestry

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.

Joe House

Forestry Major at Purdue University and Specialist, Indiana National Guard, Eagle Scout

AM and PM, BHEE 222, On Campus, Class Size: 15

Pre-requisites: 1, 2, 5



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.

Dr. Aaron Thompson

Assoc. Professor of Horticulture and Landscape Architecture at Purdue University, College of Agriculture; Eagle Scout

AM and PM, HORT 210, On Campus, Class Size: 15





NATURE AND AGRICULTURE

Gardening and Plant Science

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.

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.

Jamie Reed

Plant Science: PM, HORT 222, On Campus, Class size: 15

Pre-requisite: 5, 6, 8

Jon Charlesworth

Gardening: AM, HORT 222, On Campus, Class Size: 15

Pre-requisites: 2, 4, 5 8

These classes can be registered for together or individually.



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.

Amber Brad, BS/MS Animal Science, Scout Leader, and Scout Mom

PM, BHEE 224, On Campus, Class Size: 15





Environmental Science

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.

Dave Henderson

Utility Director, City of West Lafayette, Scout Leader, Scout Dad

Full Day, HAMP 2101, On Campus, Class Size: 10

NATURE AND AGRICULTURE



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.

Mike Smith, Rural Conservationist, Tippecanoe County Soil and Water Conservation District

Full Day, SCHM 317, On Campus, Class Size: 15



Sustainability

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

Kevin Bump

Indiana Department of Environmental Management, Scout Leader and Scout Dad

Full Day, PHYS 110, On Campus, Class Size: 10

Pre-requisites: 8 A and C



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.

Roger Tormoehlen, Ph.D.

Professor, Department of Agricultural and Biological Engineering, Purdue University

AM and PM, ADM Agricultural Innovation Center 694 S. Russell St. West Lafayette,

Off Campus, Class Size: 15

Pre-requisite: 5

SAFETY



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.

Jimerie Salazar Registered Nurse, Scout Leader

Full Day, HAMP 2102, On Campus, Class size: 10 Pre-requisites: 1, 2 B and C, 6C, 7A and B, 9



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.

Leah Crawford Registered Nurse, Scout Leader

Full Day, HAMP 1144, On Campus, Class Size: 10 Pre-requisites: #1, print workbook and complete #13 a-o



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.

Cole Leffert Scout Leader & Scout Dad

AM, HAMP 2107, On Campus, Class Size: 15 Pre-requisite: Totin' Chip. Firem'n Chit and #8



SAFETY



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.

Dr. Christian Chauret, Dean of School of Sciences, Professor of Microbiology. Indiana University Kokomo, Scout Dad, Scout Leader

PM, PHYS 203, On Campus, Class Size: 15

Pre-requisite: 5



Search and Rescue

A search is an emergency situation requiring a team of trained searchers to locate a missing person. A rescue is an emergency situation where a person's location is known – perhaps having just been found by searchers – and he or she must be removed from danger and returned to safety. By working on the Search and Rescue merit badge, you will learn and practice many skills that may someday save a life.



We have both certified and in-training members in various stages of their search and rescue journeys who make up our team. The time we dedicate to training and participating in official searches is all volunteer, meaning we do not receive any compensation. We spend an average of 2-5 hours per week training as a team and several hours outside of that individually working on our own search skills as well as our canine partners' skills. Training locations are located across Indianapolis and the surrounding areas.

We are on call 24/7 to assist law enforcement and official emergency service organizations on official searches with the location, rescue and/or recovery of lost or missing persons.

Full Day, SCHM 302, On Campus, Class Size: 20



Hoosier State Search & Rescue



Fire Safety

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

Mike Dwyer

Firefighter, Wabash Township Fire Department, Eagle Scout

Full Day, BHEE 170, On Campus, Class Size: 15

Pre-requisite: 6A-B, 7B, 10B, 13

LATE EDITIONS



Collections

Discover how collecting can be an educational and financially rewarding pastime with the Collections Merit Badge. Scouts will prepare a brief written report, give a detailed description, and explain the development of their collection while demonstrating the knowledge of preserving and displaying their most prized possessions.

Michael Schramm, Scout Dad, Scout Leader

PM, WTHR 360, On Campus, Class Size: 15

Pre-requisite: 1, 5B, 7



Bugling

What would summer camp be without the bugle sounding "Reveille" in the morning and "Taps" in the evening? Camp and the bugle go together. The bugle is an ideal instrument for the beginning musician because most of the music uses only four notes. The ability to read music is not necessary, because the tunes are familiar and can be played ear.

Dr. Mo Trout (also an Eagle Scout) will be instructing! Dr. Trout has directed the Purdue Jazz Festival for 25 years and has been an active clinician, adjudicator, trumpet soloist, and guest conductor for jazz bands, concert bands and orchestras throughout the United States. He has conducted numerous All-District, Region and Area jazz bands as well as All-State Jazz Bands in Oklahoma, Texas and Indiana. As Professor of Music and director of the jazz program at Purdue University since 1997. Dr. Trout directed the Purdue Jazz Band, the American Music Repertory Ensemble, the Jazz Lab Band, and the Concert Jazz Band. He also has taught a Jazz Theory Workshop and Jazz History. Under his direction the Purdue Jazz Band has collaborated with numerous jazz artists including Bill Watrous, Bob Mintzer, the New York Voices, Tom Harrell, Allen Vizzutti, Eddie Daniels and Eric Marienthal to name only a few. Dr. Trout's Purdue bands have toured throughout the US, South America and Europe and performed at such prestigious venues as the University of North Texas Jazz Festival, the Notre Dame Jazz Festival and the Elmhurst Collegiate Jazz Festival, garnering numerous band and soloist awards. In three European tours the band has performed at the Montreux, Alpine and North Sea International Jazz Festivals and hosted study abroad tours to Italy, Eastern Europe, Spain, Portugal and Colombia.

Dr. Trout received his Bachelor of Music Education from Texas Christian University and both his Master of Music Education and Doctor of Musical Arts degree (Trumpet Performance) from the University of North Texas.

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

We are trying to secure bugles for the class to use but no guarantees.

LATE EDITIONS





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.

Mike Rohler, Wabash Township Fire Dept.

AM, WTHR 212, On Campus, Class Size: 15

Pre-requisite: 2 A-B, 3 B, 4, and 6

This class will start in a computer lab and then walk around West Lafayette identifying safety concerns and plans.



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.

Climb Lafayette Staff

Full Day, Climb Lafayette, Off Campus, Class Size: 20 There is a \$50 surcharge for this class.





HERE ARE SOME LOCAL HOTEL OPTIONS IN THE GREATER
LAFAYETTE AREA. FRANKLIN L. CARY CAMP, OUR COUNCIL'S LOCAL
SCOUT CAMP IS JUST 7.5 MILES FROM CAMPUS. CAMP BUFFALO IS
AN HOUR NORTH OF CAMPUS BUT ALSO HAS SPACE. IF YOU ARE
COMING FROM "OUT OF TOWN" AND DON'T MIND THE EARLY
MORNING TREK INTO CAMPUS CAMP BUFFALO IS A GREAT OPTION
AS WELL.

WE HAVE CABINS AND CAMPING SPACES AVAILABLE WHILE THEY LAST.

HTTPS://WWW.HOMEOFPURDUE.COM/HOTELS/

CARY CAMP: HTTPS://CAMPRESERVATION.COM/162/CAMPS/781

CAMP BUFFALO: HTTPS://CAMPRESERVATION.COM/162/CAMPS/201

UNIVERSITY OF SCOUTING @ PURDUE UNIVERSITY

PRESENTED BY:



VENDOR MIDWAY LINEUP

CAMP BUFFALO

FRANKLIN L. CARY CAMP

ORDER OF THE ARROW: TAKACHSIN LODGE 173

DONATE LIFE INDIANA

AMERICAN RED CROSS

USS SILVERSIDES SUBMARINE MUSEUM

BLACK PINE ANIMAL SANCTUARY

MITCHELL E. DANIELS, JR. SCHOOL OF BUSINESS

PURDUE COLLEGE OF ENGINEERING

PURDUE POLYTECHNIC INSTITUTE

PURDUE EAGLE SCOUT ALUMNI ASSOC.

MARENGO CAVE: US NATIONAL LANDMARK



PURDUE UNIVERSITY.

HOSTED BY

VENDOR MIDWAY WILL BE IN WALC 1018 AND 1132 IF WE HAVE ENOUGH VENDORS TO NEED OUR SECOND ROOM!

Computer Engineering



TOYDRIVE SAT.DEC7 **7AM-4PM**

THE SAGAMORE COUNCIL IS PARTNERING WITH LAFAYETTE URBAN MINISTRY TO HOST A TOY DRIVE FOR THEIR JUBILEE CHRISTMAS EVENT! AS WE ALL KNOW, A SCOUT IS HELPFUL AND IN THAT SPIRIT, LET'S FILL "BOXY" THE BOX TRUCK!

ELLIOTT HALL OF MUSIC AND CLASS OF 1950 LECTURE HALL "BOXY" wil be outside of Elliott Hall of Music during FROM 7 AM to 9:30 AM and then moved outside of the Class of 1950 Lecture Hall for the remainder of the day until 4 PM.

TARGET AUDIENCE: Children aged 10 – 12 years old). Toys, board games, dolls, lego sets, dress up & pretend play, play kitchen items, balls & sports equipment (basketball, soccer, kick balls, baseball, etc.), bikes, outdoor games, frisbee, hula-hoops, jump ropes, family activity games, books (grade-level: Pre-K through teen), craft kits & art supplies, children's clothing/outfits, winter coats, gloves, hats, scarves, boots, blankets, quilts, gift cards, food cards, batteries, and gift bags, wrapping paper, and tape so we can wrap everything!















Shake Up Your Holiday Tradition

Give Blood

UNIVERSITY OF SCOUTING BLOOD DRIVE
OPEN TO THE PUBLIC AND SCOUTING COMMUNITY
SATURDAY, DECEMBER 7

8 AM - 2 PM

PURDUE UNIVERSITY

WILMETH ACTIVE LEARNING CENTER (WALC)

• 340 CENTENNIAL MALL DR, WEST LAFAYETTE, IN 47907 FOR AN APPOINTMENT, SCAN THE QR CODE BELOW.





This event guide is accurate as of 9/28/24. Things will change between now and December for a variety of reasons. Actual schedules, classrooms, etc will be distributed on site at the event. This is just our educated guesses based on the classrooms that we have secured, the instructors that we have secured, and the overall schedule of the event.

Like our event on facebook by scanning below or copying this hyperlink in your browser: https://www.facebook.com/events/294253293507900

