



## 2024 - University of Scouting - Spring Semester @ IUK

### Class Catalog

#### Event Contacts








Name	Title	Phone	Email
Bryon Haverstick	Assistant Scout Executive	765.250.6139	bryon.haverstick@scouting.org
Emily Wheeler	Customer Service Specialist	765.452.8253	emily.wheeler@scouting.org

Registration opens August 16, 2023  
Visit [www.scoutingevent.com/162-2024UofSSpring](http://www.scoutingevent.com/162-2024UofSSpring) to register










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<p><b>24y25</b> 9-4 PM 175 - KO Main Building Katrina Glass</p>		<p><b>Art</b> 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 <b>Maximum number of participants: 15</b></p>
<p><b>24y1</b> 9-12 PM OY - Observatory Ricardo Esquivel</p>		<p><b>Astronomy</b> 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. <b>Maximum number of participants: 20</b> <b>NOTE: Class taught by Ben Earl, Johnathan Landis, and Ricardo Esquivel</b></p>
<p><b>24y22</b> 9-4 PM Grissom Air Museum Grissom Air Museum .</p>		<p><b>Aviation</b> 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. <b>Maximum number of participants: 20</b></p>
<p><b>24cs2</b> 9-4 PM 104 - KO Main Building Ashley Robertson</p>		<p><b>Bear Trio: A Bear Goes Fishing, Bear Picnic Basket, Marble Madness</b> <b>Minimum Rank: Bear</b> <b>Maximum number of participants: 15</b> <b>NOTE: 9am-4pm</b></p>
<p><b>24a8</b> 9-10 AM 125 - KO Main Building Stephen Backus</p>		<p><b>Camping in the Cold and Wet? Gear selection for adults and kids!</b> <b>Prerequisites: 9am-10am</b></p>
<p><b>24y19</b> 1-4 PM 226/231 - SM Hunt Hall Denise Chauret</p>		<p><b>Chemistry</b> 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. <b>Maximum number of participants: 14</b></p>
<p><b>24y12</b> 1-4 PM 105 - KO Main Building Nim Vorbroker</p>		<p><b>Citizenship in Society</b> "Discussion" requirements will be either with a counselor and another individual (in accordance with Youth Protection Guidelines (<a href="https://www.scouting.org/health-and-safety/gss/gss01/">https://www.scouting.org/health-and-safety/gss/gss01/</a>), or with your counselor and a small group (of Scouts), depending upon your preference. <b>Maximum number of participants: 20</b> <b>Prerequisites: 6A, 6B, 7A</b></p>





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<p><b>24y16</b> 9-12 PM 201 - KO Main Building Michael Budd</p>		<p><b>Citizenship in the Community</b> 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. <b>Maximum number of participants:</b> 20 <b>Prerequisites:</b> 2A, 2B, 3A, 4, 7, 8 (present in class)</p>
<p><b>24y13</b> 9-12 PM 103 - KO Main Building Paul Amaya</p>		<p><b>Citizenship in the Nation</b> 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. <b>Maximum number of participants:</b> 20 <b>Prerequisites:</b> 5, 7, 8</p>
<p><b>24y13</b> 1-4 PM 103 - KO Main Building Paul Amaya</p>		<p><b>Citizenship in the Nation</b> 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. <b>Maximum number of participants:</b> 20 <b>Prerequisites:</b> 5, 7, 8</p>
<p><b>24y21</b> 9-4 PM 179 - KO Main Building Richard McClurg</p>		<p><b>Citizenship in the World</b> 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. <b>Minimum Rank:</b> First Class <b>Maximum number of participants:</b> 20 <b>Prerequisites:</b> 4b, 7a, 7b, Note: This Merit Badge is recommended for Scouts who are at least First Class or 13 years old.</p>
<p><b>24y2</b> 9-4 PM 224 - SM Hunt Hall Joann Kaiser</p>		<p><b>Communication</b> 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." <b>Maximum number of participants:</b> 20</p>
<p><b>CPR1</b> 9-12 PM 206 - KO Main Building Abby Evans</p>		<p><b>CPR &amp; AED Training</b> This class is \$45.00 per person, which includes all materials needed during the class and the certification. <b>Maximum number of participants:</b> 6</p>
<p><b>CPR1</b> 1-4 PM 206 - KO Main Building Abby Evans</p>		<p><b>CPR &amp; AED Training</b> This class is \$45.00 per person, which includes all materials needed during the class and the certification. <b>Maximum number of participants:</b> 6</p>

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| <p><b>24y24</b> 9-12 PM<br/>105 - KA Kresge Auditorium<br/>Bob Burchell</p> |    | <p><b>Cycling</b><br/>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.<br/><b>Maximum number of participants:</b> 12<br/><b>Prerequisites:</b> Participants will ride outside, weather permitting. They do NOT need to bring a bicycle or safety gear. That will be provided.</p> |
| <p><b>24y24</b> 1-4 PM<br/>105 - KA Kresge Auditorium<br/>Bob Burchell</p>  |    | <p><b>Cycling</b><br/>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.<br/><b>Maximum number of participants:</b> 12<br/><b>Prerequisites:</b> Participants will ride outside, weather permitting. They do NOT need to bring a bicycle or safety gear. That will be provided.</p> |
| <p><b>24a3</b> 9-4 PM<br/>082 - KO Main Building<br/>Jeff Lapan</p>         |    | <p><b>Den Leader Training</b><br/><b>Prerequisites:</b> 9am-4pm</p>   |
| <p><b>24y18</b> 9-12 PM<br/>203 - KO Main Building<br/>Tom Hoffer</p>       |   | <p><b>Disabilities Awareness</b><br/>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.<br/><b>Maximum number of participants:</b> 20<br/><b>NOTE: Tom &amp; Shawn Hoffer</b></p>  |
| <p><b>24a2</b> 10-12 PM<br/>Outdoors<br/>Dwight Cline</p>                   |  | <p><b>Dutch Oven Cooking</b><br/>Dutch oven cooking is an art just as much as it is a science. Come learn about the concepts of Dutch oven cooking in a classroom setting so that when the time comes for you to break out the cast iron, you are ready to go! If we can find a way, we may just cook something!<br/><b>Prerequisites:</b> 10am-Noon</p>  |
| <p><b>24y3</b> 9-12 PM<br/>227 - SM Hunt Hall<br/>Brandon Wysong</p>        |  | <p><b>Energy</b><br/>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.<br/><b>Maximum number of participants:</b> 20</p>  |
| <p><b>24y17</b> 9-12 PM<br/>202 - KO Main Building<br/>Jonah Lau</p>        |  | <p><b>Engineering</b><br/>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.<br/><b>Maximum number of participants:</b> 20</p>   |

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**24y17** 1-4 PM  
202 - KO Main Building  
Jonah Lau



### 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**

**24y11** 9-12 PM  
105 - KO Main Building  
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: 20**

**Prerequisites:** 3, 4, 5, 6B

**24y4** 9-12 PM  
127 - KO Main Building  
Andrea Freeman



### First Aid

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

**Maximum number of participants: 16**

**24y15** 9-4 PM  
100 - KO Main Building  
Johnathan Bohmann



### Game Design

A note from the instructor:

Dear Scouts, I'm excited to announce that our upcoming Game Design Merit Badge class will not focus on computer game design but rather offer you the opportunity to design your own board games. We understand that not everyone will be able to bring their own components, so we will provide some for you. If you decide to do a computer game, you will need to bring your own computer and accept the risks of damage to your equipment.

Before we delve into the details, please be aware that there are two prerequisites, 1 and 2, which you must fulfill in order to participate. These prerequisites are not optional and must be completed prior to attending the class. Please make sure to have both of them written out and ready.

During Requirement 4 of our class, we will explore various variations of the game "checkers." This activity will help you gain a deeper understanding of game mechanics and strategy.

For Requirement 5, it is crucial that you have your base game rules written out and submitted to the counselor at least two weeks in advance. This will allow us to review and approve your concept before you start creating the prototype. Highlight: Remember that your merit badge counselor's approval is mandatory before moving forward.








To assist you in fine-tuning your designs, I will spend some individual time with each Scout. However, if you are from the same troop, you are welcome to work in groups. Please note that bringing your own components is encouraged but not required. You can use existing board games or even repurpose materials from secondhand stores (like Good Will) or items you have at home. Here is a link to some sample games for inspiration: <https://davidmullich.com/2015/03/>

**Maximum number of participants: 20**

**Prerequisites:** See merit badge description.

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| <p><b>24y20</b>      1-4 PM<br/>204 - KO Main Building<br/>Dave Henderson</p> |    | <p><b>ILST (Intro to Leadership Skills for Troops)</b><br/>The purpose of the ILST course is to teach Scouts with leadership positions about their new roles and how to most effectively reach success in that role. It is intended to help Scouts in leadership positions within their troop understand their responsibilities and to equip them with organizational and leadership skills to fulfill those responsibilities. ILST is the first course in the series of leadership training offered to Scouts and is a replacement for Troop Leadership Training. Completion of ILST is a prerequisite for Scouts to participate in the more advanced leadership courses National Youth Leadership Training (NYLT) and the National Advanced Youth Leadership Experience (NAYLE). It is also required to participate in a Kodiak Challenge Trek.<br/><b>Minimum Rank:</b> Scout</p> |
| <p><b>24a7</b>      10-12 PM<br/>052 - KO Main Building<br/>Al Harvath</p>    |    | <p><b>New Cub Scout Program Leader Training</b><br/>Come learn about the new Cub Scout program rolling out in 2024.<br/><b>Prerequisites:</b> 10am-Noon</p>  |
| <p><b>24y5</b>      1-4 PM<br/>109 - SM Hunt Hall<br/>Patrick Motl</p>        |    | <p><b>Nuclear Science</b><br/>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.<br/><b>Maximum number of participants:</b> 20</p>   |
| <p><b>24a9</b>      10-12 PM<br/>Outdoors<br/>Stephen Backus</p>              |  | <p><b>Outdoor and Back Country Cooking: Setup, Storage, Recipes, and more!</b><br/><b>Maximum number of participants:</b> 20<br/><b>Prerequisites:</b> 10am-Noon</p>   |
| <p><b>24a6</b>      9-12 PM<br/>112 - KO Main Building<br/>Dave Henderson</p> |  | <p><b>Pack/Troop Committee Training</b><br/><b>Prerequisites:</b> 9am-Noon</p>   |
| <p><b>24y6</b>      9-12 PM<br/>201 - SM Hunt Hall<br/>Hong Liu</p>           |  | <p><b>Programming</b><br/>Programming Merit Badge.<br/><b>Maximum number of participants:</b> 24<br/><b>NOTE:</b> Hong Liu &amp; Students</p>  |
| <p><b>24y7</b>      9-12 PM<br/>130 - SM Hunt Hall<br/>Ashley Duffitt</p>     |  | <p><b>Public Health</b><br/>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.<br/><b>Maximum number of participants:</b> 20</p>   |

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**24y26** 9-4 PM  
AndyMark, Inc  
Craig Kessler



### 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:** We will meet at Andy Mark in Kokomo NOT at IUK. Meet at address: 1900 E North St, Kokomo, IN 46901. Lunch will be provided on sight for the Scouts attending.

**NOTE: \*DO NOT MEET AT IUK - See note.**

**24a10** 1-4 PM  
110 - KO Main Building  
Jim Riddle



### Scoutbook Training

This will be a comprehensive training covering all things Scoutbook related. Open to all adults and leaders interested in learning more about how to utilize Scoutbook for your unit.

**Prerequisites:** 1pm-4pm

**NOTE: 1-4pm**

**24a4** 9-4 PM  
072 - KO Main Building  
George Avery



### Scoutmaster/Assistant Scoutmaster Training

**Prerequisites:** 9am-4pm

**NOTE: 9am-4pm**

**24y8** 9-12 PM  
125 - SM Hunt Hall  
Jessica Hatt



### 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:** 20

**24y8** 1-4 PM  
125 - SM Hunt Hall  
Jessica Hatt



### 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:** 20

**24a1** 9-12 PM  
116 - SM Hunt Hall  
Patrick Motl



### Solar Eclipse Training









**Maximum number of participants:** 50

**Prerequisites:** 9am-Noon

**NOTE: 9am-noon**

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<p><b>24y9</b> 9-12 PM 101 - KO Main Building Marcia Gillette</p>		<p><b>Sustainability</b> Sustainability Merit Badge. <b>Maximum number of participants: 15</b></p>
<p><b>24y9</b> 1-4 PM 101 - KO Main Building Marcia Gillette</p>		<p><b>Sustainability</b> Sustainability Merit Badge. <b>Maximum number of participants: 15</b></p>
<p><b>24y14</b> 1-4 PM 150 - KO Main Building Joann Kaiser</p>		<p><b>Theater</b> 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.</p>
<p><b>24y14</b> 1-4 PM 150 - KO Main Building Joann Kaiser</p>		<p><b>Maximum number of participants: 20</b> <b>Prerequisites: 1, 2, 3</b> <b>NOTE: Students with J. Kaiser and Erin Doss</b></p>
<p><b>24cs4</b> 9-4 PM 102 - KO Main Building Adam Davis</p>		<p><b>Tiger Trio: Stories in Shapes, Tiger-iffic!, Tiger: Safe and Smart</b></p>
		<p><b>Minimum Rank: Tiger</b> <b>Maximum number of participants: 15</b> <b>Prerequisites: Tiger: Safe &amp; Smart (Pre-req #8)</b> <b>NOTE: 9am-4pm. Classrooms: Main KO 102 &amp; KO 200</b></p>
<p><b>24cs3</b> 9-4 PM 108 - KO Main Building Brandi Froehling</p>		<p><b>Webelos Trio: Art Explosion, Aware and Care, &amp; First Responder</b></p>
		<p><b>Minimum Rank: Webelos</b> <b>Maximum number of participants: 15</b> <b>NOTE: Taught by Brandi Froehling &amp; Jim Bob Miller. 9am-4pm</b></p>
<p><b>24a5</b> 9-10 AM 080 - KO Main Building Lucas Bowman</p>		<p><b>What is the OA and how does it help my unit?</b></p>
		<p><b>Prerequisites: 9am-10am</b></p>
<p><b>24cs1</b> 9-4 PM 106 - KO Main Building Steven Rohde</p>		<p><b>Wolf Trio: Code of the Wolf, Finding Your Way, &amp; Germs Alive!</b></p>
		<p><b>Minimum Rank: Wolf</b> <b>Maximum number of participants: 15</b> <b>NOTE: 9am-4pm</b></p>
<p><b>24y10</b> 1-4 PM Haven's Auditorium Garry Grice</p>		<p><b>Woodworking</b> 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.</p>
		<p><b>Maximum number of participants: 8</b></p>