



2026 Merit Badge University - ISU

Class Catalog

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Class Catalog

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Merit Badge University (Scheduled Classes)



MBU28 Artificial Intelligence (AI) (2025 version)

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

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 20

<https://www.scouting.org/merit-badges/artificial-intelligence/>

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 20

<https://www.scouting.org/merit-badges/artificial-intelligence/>

Prerequisites:

Requirement 8

Scout needs to bring a laptop, tablet or phone - fully charged - with web browser access.



MBU18 Citizenship in the Nation #1 (2022 version)

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.

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 20

<https://www.scouting.org/merit-badges/citizenship-in-the-nation/>

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 20

<https://www.scouting.org/merit-badges/citizenship-in-the-nation/>

Prerequisites:

Requirements: 5, 7, & 8

Review the pamphlet



MBU34 Citizenship in the Nation #2 (2022 version)

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.

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 24

<https://www.scouting.org/merit-badges/citizenship-in-the-community/>

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 24

<https://www.scouting.org/merit-badges/citizenship-in-the-community/>

Prerequisites:

Requirements: 5, 7, & 8

Review the pamphlet

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MBU32 Cybersecurity (2025 version)

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

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 20

<https://www.scouting.org/merit-badges/cybersecurity/>

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 20

<https://www.scouting.org/merit-badges/cybersecurity/>

Prerequisites: Requirement: 4e1 - From the week prior to the event

Scouts need to bring a laptop (preferred) or tablet - fully charged - with internet capability.

MBC email: keith.brooks@skbcyber.com



MBU35 Digital Technology (2026 version)

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

9-4 PM

Minimum number of participants: 5

Maximum number of participants: 20

Prerequisites:

Full Day Session

Prereqs: 9 a or b; Bring proof of cyber chip



MBU36 Electronics (2025 version)

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

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 20

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 20



MBU9 Engineering (2024 version)

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.

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 24

<https://www.scouting.org/merit-badges/engineering/>

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 24

<https://www.scouting.org/merit-badges/engineering/>

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MBU39 Model Design and Building (2026 version)

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

9-4 PM

Minimum number of participants: 2

Maximum number of participants: 8

Prerequisites:

FULL DAY CLASS

Bring tools and materials needed to complete your model (no kits)

Scouts will receive a partial badge. #5 must be completed on your own.



MBU37 Programming (2026 version)

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

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 20

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 20

Prerequisites:

1a, 2 (read on your own, be prepared to provide 1 milestone and discuss)

3a, 3b (read, be prepared to provide information on 1 language)

4 (read, be ready to discuss)

Bring a laptop



MBU38 Public Speaking (2003 version)

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.

9-11:59 AM

Minimum number of participants: 5

Maximum number of participants: 20

1-3:59 PM

Minimum number of participants: 5

Maximum number of participants: 20

Prerequisites:

Select and prepare for a topic to complete #2. Be prepared with parliamentary procedure

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Leader Training (Scheduled Classes)



LT2 CPR Training

9-11:59 AM

Additional Fee: \$25.00
Maximum number of participants: 8

1-3:59 PM

Additional Fee: \$25.00
Maximum number of participants: 8
Prerequisites: \$25 fee



LT3 Leader Training - Troop Committee

9-11:59 AM

Minimum number of participants: 2
Maximum number of participants: 50

1-3:59 PM

Minimum number of participants: 2
Maximum number of participants: 50



LT4 Parent Info Meeting

I'm an Adult in the Troop - Now What?
Brief Info session for parents not currently registered as leaders

9-11:59 AM

Minimum number of participants: 2
Maximum number of participants: 24

1-3:59 PM

Minimum number of participants: 2
Maximum number of participants: 24