

Prerequisites, Post-Requisites, And Other Class Instructions

(Updated 10/19/25)

Scouts attending the Merit Badge Academy should **all** bring:

- (1) The merit badge worksheet for the badges taken available at <http://usscouts.org/usscouts/mb/worksheets/list.asp>. Many instructors will specifically use this worksheet in the class. Please note unfortunately that a few of the worksheets have not been updated to 2025 requirements. Attach additional sheets as needed.
- (2) Extra paper and pens/pencil
- (3) Proof of completion of any prerequisites. Many classes have requirements that must be completed after the class. Instructors will provide a path toward completion of these.

Class-specific prerequisites/post-requisites and other instructions are listed below.

All prerequisites are subject to change as necessary.

MERIT BADGE CLASSES

American Business (9 a.m. – noon)

None

American Heritage (1 p.m. – 4:00 p.m.)

Req. #3c

Camping (9 a.m. – 4 p.m.)

Bring Scout Handbook for verified (SM/ASM signed) proof of completion of any requirements for #9; pre/post requisites include #5e, #7b, #8d, & #9

Citizenship in Society (1 p.m. – 4:00 p.m.)

Scouts need to be prepared to discuss their research for Req. #1 and Req. #2. Complete Requirements #6 & #7 prior to class and write up in worksheet.

Citizenship in the Nation (9 a.m. – noon) and (1 p.m. – 4 p.m.)

Pre/Post-requisites are #5, #7 and #8. Bring proof of completion if done before class.

Citizenship in the World (9 a.m. – 4 p.m.)

Bring proof of any subparts of #7 completed

Communication (9 a.m. – noon)

Communication Merit Badge requires considerable pre-event preparation. Requirements not completed at the event will be completed as post-requisites.

Prepare an option from Reqs #1 and #2 and come prepared to present at the academy.

Prepare Reqs #3 and #4 and be prepared to present at the academy.

Req. #5 – attend public meeting and prepare report in the worksheet

Req. #6 – develop a plan to teach a skill, using teaching aids, and come prepared to teach it at the academy.

Req. #7 – Select an option from the choices, prepare it, and bring a copy to the academy.

Req. #8 – this is usually completed after the class. If previously completed, bring a copy of the script and proof that it was conducted.

Req. #9 – perform research on three professions and write up your findings in the worksheet.

Composite Materials (9 a.m. – noon) and (1 p.m. – 4 p.m.)

Req. #5 may be post-requisite.

Cooking (9 a.m. – noon) and (1 p.m. – 4 p.m.)

2 - a,c,d

4 - all (can be a post req)

5 - all (can be a post req)

6 - all (can be a post req)

7 - a or b (can be a post req)

Crime Prevention (9 a.m. – 4 p.m.)

Req. #4b. Complete checklist from merit badge worksheet for Crime Prevention. Needs to be signed by parent or guardian.

Electricity (9 a.m. – noon)

Scouts are encouraged to read the Electricity merit badge pamphlet

"https://filestore.scouting.org/filestore/Merit_Badge_ReqandRes/Pamphlets/Electricity_2021.pdf" to be familiar with the terms and concepts that will be discussed.

Pre Req # 2 -

Complete an electrical home safety inspection of your home. You may use the checklist attached or the one located at URL: <http://www.usscouts.org/mb/docs/electricity-home-checklist.pdf>

Pre Req #7 -

Make a floor plan wiring diagram of the lights, switches, and outlets for a room in your home. Show which fuse or circuit breaker protects each one the fixtures in that room. Picture are worth a thousand words ;-)

Pre req #8:

(a) Bring in your power bill or a copy and a photo of the meter since the bill was taken. (You can do the calculation requirement at home. We will also be doing this in class.)

Pre req # 11 –

Research in advance of class and bring information for completion

Engineering (9 a.m. – 4 p.m.)

[Note: Badge has \$12 materials fee). Post-requisites if any TBD. Class usually completes at academy.

Environmental Science (9 a.m. – 4 p.m.)

Download worksheet for class from [here](#).

This merit badge has been substantially modified from prior years. The new requirements can be found [here](#) along with resources to assist scouts. Scouts must complete most of the requirements out of class either before or after the academy, including one option from each of requirements ##2-9.

Family Life (9 a.m. – noon)

Requirements ##3, 4, #5, & #6 will be pre- or post-requisites. Bring proof of completion to class if done before.

Leatherwork (9 a.m. – noon) and (1 p.m. – 4:00 p.m.)

None

Nuclear Science (9 a.m. – noon) and (1 p.m. – 4:00 p.m.)

Req.#8 – research in advance and come prepared to discuss.

Personal Management (9 a.m. – 4:00 p.m.)

Several requirements must be prepared or completed outside of class. These can be done as prerequisites or post-requisites.

Req. #1 prepare (a)&(b).

Req. #2 all - usually done as post-requisite

Req. #8 (a)-(c)

Req. #9 prepare (a) – (e) and be prepared to discuss

Req. #10 research prior to class and be prepared to discuss

Photography (9 a.m. – 4:00 p.m.)

Bring a digital camera you know how to use or smartphone with built-in camera. Have Cyber Chip or view the Personal Safety Awareness "Digital Safety" video (with your parent or guardian's permission). If possible, bring photos for Requirement #7. #7 may be post-requisite.

Programming (9 a.m. – noon) and (1 p.m. – 4:00 p.m.)

TBD

Radio

Complete #8 prior to class and record in the worksheet. Research terms "Wavelength," "Frequency," and "Electromagnetism."

Railroading (9 a.m. – noon) and (1 p.m. – 4:00 p.m.)

With parental permission, and if possible, bring smart phone with Amtrak app loaded.

Truck Transportation (9 a.m. – noon) and (1 p.m. – 4:00 p.m.)

None

Welding (9 a.m. – noon) and (1 p.m. – 4:00 p.m.)

None

TRAINING CLASSES

All adults taking classes must be registered Scouters and have current YPT. Bring pen and paper for note-taking.

Merit Badge Counselor Training (D76) (9 a.m. – noon)

No prerequisites. Attendees will be asked to observe and assist in other classes in the afternoon session as possible. No prior experience or preparation will be necessary.

Troop Committee Challenge (W10) (1 p.m. – 4:00 p.m.)

No prerequisites