

LONGHOUSE COUNCIL SCOUTS BSA MERIT BADGE DAY CAMP 2019 Merit Badge Pre-requisites

Merit Badge	Pre-requisites	Eagle ?
Archery		
American Labor	2a, b and c	
Automotive Maintenance		
Canoeing	2*	
Drafting	3a, b or c	
Electricity	2, 7, 8, 9a and b	
Kayaking	2*	
Lifesaving	1a* (must also bring extra long sleeve shirt & jeans)	YES
Metalwork		
Model Design and Building		
Plumbing	8a and b	
Rifle Shooting	1d, 1f (Age 12 minimum)	
Rowing	2*	
Shotgun Shooting	1d, 1f (Age 13 minimum)	
Swimming	2*	YES
Truck Transportation	4a, b, c, d and e	
Welding		
Woodwork	1c	

* Indicates a pre-requisite such as rank, other merit badge (MB), or a swim test.

Notes:

1. Acceptable proof of rank is the signed Scout Handbook or a Scoutmaster's signed letter.
2. Where a signed letter from the unit leader is offered as proof of pre-requisite completion, the leader shall ensure the requirement was overseen by an approved MBC for that merit badge.
3. Proof of age for shooting sports shall be an original, signed letter from the parent or unit leader.
4. All scouts attending MB Day Camp shall bring a Blue Card signed **by their Scoutmaster** on the front of the card for each MB class they have enrolled in.
5. Scouts should be aware that partial MB completions are acceptable expected results.

Merit Badge	Pre-requisite	Requirement
American Labor	2a, b and c	<p>2. With your counselor’s and parent’s approval and permission, visit the office or attend a meeting of a local union, a central labor council, or an employee organization, or contact one of these organizations via the internet. Then do EACH of the following:</p> <p>(a) Find out what the organization does.</p> <p>(b) Share the list of issues and concerns you made for requirement 1. Ask the people you communicate with which issues are of greatest interest or concern to them and why.</p> <p>(c) Draw a diagram showing how the organization is structured, from the local to the national level, if applicable.</p> <p><i>(Scout can bring signed blue card or a signed letter from the leader stating that the scout has fulfilled these requirements.)</i></p>
Drafting	3a, b or c (this req’m’t may be completed following the camp session)	<p>3. Produce a computer-aided design (CAD) drawing as it would be used in manufacturing. Fill in all title block information. The CAD drawing may be any one of the following drawing types:</p> <p>a. Architectural: Make a scale drawing of an architectural project. The architectural drawing may be a floor plan; electrical, plumbing, or mechanical service plan; elevation plan; or landscaping plan. Use an architect’s scale and show dimensions to communicate the actual size of features. Include any important sectional drawings, notes, and considerations necessary for construction.</p> <p>b. Mechanical: Make a scale drawing of some mechanical device or interesting object. The mechanical drawing may be of the orthographic or isometric style. Use an engineer’s scale and show dimensions to communicate the actual size of features. Include any important sectional drawings, notes, and manufacturing considerations.</p> <p>c. Electrical: Draw a simple schematic of a radio or electronic circuit. Properly print a bill of materials including all of the major electrical components used in the circuit. Use standard drawing symbols to represent the electronic components.</p> <p><i>(Scout can bring a print (copy) of the drawing prepared, or a signed blue card, or a signed letter from the leader stating that the scout has fulfilled this requirement.)</i></p>

Electricity	2	Complete an electrical home safety inspection of your home, using the checklist found in this pamphlet or one approved by your counselor. Discuss what you find with your counselor.
	7	Explain what overloading an electric circuit means. Tell what you have done to make sure your home circuits are not overloaded.
	8	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.
	9a and b	<p>Do the following:</p> <p>a. Read an electric meter and, using your family’s electric bill, determine the energy cost from the meter readings.</p> <p>b. Discuss with your counselor five ways in which your family can conserve energy.</p> <p><i>(Scout can bring signed blue card or a signed letter from the leader stating that the scout has fulfilled these requirements, OR, the scout should prepare for these items as required, and be ready to review <u>as described with the camp MBC.</u>)</i></p>
Plumbing	8a and b (this may be completed following the camp session)	<p>Do the following:</p> <p>a. Replace a washer in a faucet.</p> <p>b. Clean out a sink or lavatory trap.</p> <p><i>(Scout can bring signed blue card or a signed letter from the leader stating that the scout has fulfilled these requirements.)</i></p>

Rifle Shooting (Age 12 minimum) and Shotgun Shooting (Age 13 minimum) See also “Shooting Sports Notes”, below	1d	<p>Do the following:</p> <p>(d) Give the main points of the laws for owning and using guns in your community and state.</p>
	1f	<p>(f) Successfully complete a state hunter education course or obtain a copy of the hunting laws for your state, then do the following:</p> <p>(1) Explain the main points of hunting laws in your state and give any special laws on the use of guns and ammunition.</p> <p>(2) List the kinds of wildlife that can be legally hunted in your state.</p> <p><i>(Scout can bring a blue card signed by a current MBC, or Scout should do <u>all of the research</u> for these requirements and prepare the list for 1f, item 2, before camp and be ready to discuss all with the counselor. A signed letter from the leader is <u>NOT acceptable</u> for these pre-requisites.)</i></p>

Truck Transportation	4a, b, c, d and e	<p>Visit a truck terminal and complete items 4a through 4e. After your visit, share what you have learned with your counselor.</p> <ul style="list-style-type: none"> a. Find out what kind of maintenance program the company follows to help keep its fleet, drivers, and the roadway safe. b. Find out how dispatchers maintain communication with drivers on the road. c. Talk with a professional truck driver about safety. Learn about the truck driver's rules of the road for safe driving. List five safe-driving rules every professional truck driver must follow. d. Review the driver's log and find out what kind of information the log contains. e. Learn about important federal regulations that help ensure public safety. <p><i>(Scout can bring signed blue card or a signed letter from the leader stating that the scout has fulfilled these requirements. The required sharing with the Counselor, in the second sentence, will be at camp.)</i></p>
Woodwork	1c	<p>Do the following:</p> <p>(c) Earn the Totin' Chip recognition.</p> <p><i>(Scout should bring his/her approved Totin' Chip or a signed blue card.)</i></p>

WATERFRONT ACTIVITIES Notes:

1. For all aquatics merit badges (Swimming, Rowing, Kayaking, Canoeing and Lifesaving) a BSA Swim Test is required at camp and it must be successfully completed.

Merit Badge	Prerequisite	Requirement
Lifesaving	1a	<p>Complete Second Class rank requirements 5a through 5d and First Class rank requirements 6a, 6b, and 6e.</p> <p>Scout must also bring an extra long sleeve shirt & long-pant jeans</p> <p><i>(Scout can bring to camp a signed blue card or a letter from the leader stating that the scout has completed the Second and First Class requirements, or proof of First Class rank.)</i></p>

SHOOTING SPORTS Notes:

1. At the beginning of Merit Badge Day Camp, all scouts must be 12 years old to participate in Rifle Shooting MB and 13 years old to participate in Shotgun Shooting MB.
2. Acceptable proof of age must be brought to the MB Counselor prior to beginning range activity and MB work. Scouts will not be allowed to participate without acceptable proof of age.
3. There will be additional cost for Shotgun Shooting for the ammunition, to be determined.

Prepared by Longhouse Council Advancement Committee, March 2019.