

# LSU Merit Badge Day 2020

## Merit Badge Prerequisites

**FOR ALL MERIT BADGES—PLEASE OBTAIN THE MERIT BADGE PAMPHLET AND READ IT BEFORE COMING TO THE CLASS(ES).**

**Please download the Merit Badge worksheet from**

**[www.USSCOUTS.ORG](http://www.USSCOUTS.ORG)**

**Prerequisites should be completed and brought to class with you.**

### **ANIMAL SCIENCE (HORSE OPTION)**

Scouts should also be prepared to answer the questions to complete the requirement.

### **ARCHAEOLOGY**

Scouts should bring one of 7a,b, or c. Also bring your written report for requirement 10

### **ARCHITECTURE**

Scouts should come prepared by doing requirements 1b., 3c at home. Some discussion will be done in class but familiarize yourself with ideas, and same for 5.

### **AUTOMOTIVE MAINTENANCE**

Read the merit badge requirements, preferably with someone you can discuss them with that knows about cars. Bring an overshirt you can get dirty (not soaked in oil, just a little dirty). Bring an owners manual for a car, preferably a car you are a little familiar with. Research the cost of three vehicles as described in 11a.. Bring typed up results to Merit Badge Day and be prepared to discuss. Complete 11b, c, or d if desired, and be prepared to discuss if you have completed these. Complete 12 and bring summary of information to class to discuss. There are many careers to choose from, such as design engineer, auto salesman, repair technician, etc.

### **BIRD STUDY**

Prerequisite: 8 (bring a picture of your project to class)

### **CITIZENSHIP IN THE COMMUNITY**

Requirements 2a, 2b, 3a, 3b, 7, and 8 can be done beforehand and brought to class.

### **CITIZENSHIP IN THE NATION**

This badge cannot be completed at Merit Badge Day.

### **CITIZENSHIP IN THE WORLD**

Prerequisite: 4b, 7a, and 7b

**ALL SCOUTS MUST BE 14 YR OLD & FIRST CLASS.**

### **COIN COLLECTING**

Scouts should print out and bring the worksheet from the [www.usscouts.org](http://www.usscouts.org)

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**ALL SCOUTS MUST BE 12 YR OLD.**

### **DIGITAL TECHNOLOGY**

A laptop or pad is not required but preferred. Microsoft Office or equivalent needs to be installed.

### **EMERGENCY PREPAREDNESS**

The course will cover all of the requirements except: 1. First Aid Merit Badge (required), 2c.

Scouts will be expected to meet with their family and prepare an emergency kit and present their kit (picture) and plan to their Scoutmaster, 9. Scouts will be expected to meet with their family and either inspect their home for hazards and/or develop an escape plan in case of a fire AND present their hazards/plan to their Scoutmaster.

### **ENERGY**

To prepare for Requirement #1a, find an article on the use or conservation of energy, read it ahead of time, and bring it with you to discuss. As an example, there is a good article on National Geographic's website, <http://ngm.nationalgeographic.com/2009/03/energy-conservation/miller-text>. **Requirement #4 cannot be completed in class**, so if you'd like to finish the badge at Merit Badge Day, please complete it at home prior and bring both your energy audit checklist and 14-day log of things you and your family did to reduce home energy use each day to class for the counselor to confirm credit for this requirement. In addition to the information in the MB pamphlet, this website can give you some ideas for actions to conserve energy: <http://www.conserve-energy-future.com//energy-conservation-techniques.php>.

### **ENGINEERING**

Students need to bring a small appliance/toy that is broken and can be taken apart. If they can, under supervision, go to science/engineering websites to research information.

### **FAMILY LIFE**

Requirements 3, 4, 5, and 6b cannot be completed at Merit Badge Day.

### **FIRST AID**

Scouts must have completed the first aid requirements for Tenderfoot, Second Class, and First Class before being allowed to sign up for this class.

### **GENEALOGY**

This badge cannot be completed during class, but an instruction set will be sent home with the scout to describe how to complete remaining requirements. For #3, choose a relative or a family acquaintance you can interview in person, by telephone, or by e-mail or letter. Record the information you collect so you do not forget it. Bring a written summary to class. For #4B, bring a COPY of scout's birth certificate or that of a close relative to class.

### **GOLF**

Scouts will NOT be able to complete at Merit Badge Day. They need to bring their own golf

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clubs and \$5.00 to cover the cost of range balls. Dress for outdoors, appropriate for golf course and current weather conditions. Activity uniform and additional layers, if needed. Print out the worksheet and complete Requirements #1-6 before class and bring with you.

### GRAPHIC ARTS

1. Design a printed piece (flier, T-shirt, program, form, etc.) and produce it. Explain your decisions for the typeface or typefaces you use and the way you arrange the elements in your design. Explain which printing process is best suited for printing your design. If desktop publishing is available, identify what hardware and software would be appropriate for outputting your design. 2. Produce the design you created for requirement 3 using one of the following printing processes: a. Offset lithography – Make a layout, and produce a plate using a process approved by your counselor. Run the plate and print at least 50 copies. b. Screen printing – Make a hand-cut or photographic stencil and attach it to a screen that you have prepared. Make the screen and print at least 20 copies. c. Electronic/digital printing – Create a layout in electronic form, download it to the press or printer, and run 50 copies. If no electronic interface to the press or printer is available, you may print and scan a paper copy of the layout. d. Relief printing – Prepare a layout or set the necessary type. Make a plate or lock up the form. Use this to print 50 copies.

### MEDICINE

Requirements #7a and 10 cannot be completed at Merit Badge Day. Scouts are to read the merit badge pamphlet for Medicine, download the worksheet and fill it out. Be prepared to discuss the remaining requirements that day.

### PERSONAL MANAGEMENT

**SCOUT MUST BE STAR RANK OR HIGHER.** The instructor strongly encourages each scout to bring the merit badge worksheet ([www.usascouts.org](http://www.usascouts.org)) to class. For requirements 1a, 1b2, and 1c, choose an item that your family might want to purchase that is considered a major expense. Completion of requirement 9a-e prior to class is encouraged by the instructor. For requirement 10a, choose and research a career you may want to enter after high school or college graduation. Prepare an oral presentation based on 10b. Requirements 2, 8c, and 8d cannot be completed at Merit Badge Day. If completed in advance, bring to class and, if time allows, the instructor will review.

**ALL SCOUTS MUST BE 14 YR OLD & FIRST CLASS.**

### PHOTOGRAPHY

Bring a camera with a memory card to class.

### PUBLIC SPEAKING

I'm excited about helping you improve or get comfortable with speaking in front of others. It is such a valuable life skill! To finish this at MB Day, there are two things you must do ahead of time.

First, for Requirement #4, select a topic of interest to your audience (teenagers/scouts), collect and organize information about this topic and prepare an outline for an 8-10 minute speech.

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Your outline should have 3-5 major talking points and at least 2 sub areas under each major point. Write your outline on index cards or a single sheet of paper. The requirement then says you must **"Write an eight- to 10-minute speech"**. **Note that I have to see the written version!** That needs to at least be started in advance or you will not be able to complete the requirement at MB Day. Practice talking through them and time yourself. Find and add extra information to your outline as needed to make it longer. We will finish it at Merit Badge Day. Bring a pen/pencil and some writing paper.

Second, Requirement #2 asks you to prepare a three- to five-minute talk on a topic of your choice that incorporates body language and visual aids. Give some thought to this ahead of time so you can bring your visual aid with you. Your visual aid can be a poster you make, an actual object or group of objects like a collection you have.

### **SPACE EXPLORATION**

Students are required to bring \$12.00 to class to cover the cost of the rockets and engines. Requirements 2, 5, and 7 must be completed prior to class. Students are required to stay for the entire day because rockets will be launched at the end of the day.