

Virtual Merit Badge University Prerequisites

Prerequisites are specific for each counselor and session. Check your month to be sure you're looking at the right prerequisite list.

January

Engineering

Prerequisites: a. Complete requirement 9 prior to attending the merit badge day. Find out about 3 career opportunities in engineering. Pick one and research the education, training and experience required for this profession. Discuss this with our counselor and explain why this profession might interest you.

Citizenship in the Community

Prerequisites: a. Visit a city, town, or county council or school board meeting, or attend a municipal, county, or state court session prior to the merit badge day

Citizenship in the Nation

Prerequisites: a. Complete requirements 2 & 3 prior to the merit badge day

Citizenship in the World

Prerequisites: a. Download the Citizenship in the World workbook and bring it to class. The counselor would like you to use it to track your requirements.

Communication

Prerequisites: Prerequisites (must be completed before class)

1. Obtain and use the Communication Merit Badge Book in preparation for this day.

May use the online version.

2. Do one of the following for Requirement 1 BEFORE attending:

a. 1a. For one day, keep a log in which you describe your communication activities.

b. 1b. For three days, keep a journal of your listening experiences.

3. Requirement 2a

a. Write a short autobiography

4. Requirement 3

a. Write a 5-minute speech. Prepare to give the speech during class.

5. Requirement 4

a. Interview someone you know, like or respect because of their position, talent, career, or life experiences. Prepare an introduction of this person.

6. Requirement 5

a. Attend a (VIRTUAL) public meeting. Bring your report to share during class. You are pre-approved by the counselor. There are many recorded options online. You may choose any recorded or live public meeting. You just need to watch enough to complete the requirement.

7. Requirement #6

a. With your Scoutmaster's approval, develop a plan to teach a skill and come prepared to teach this skill.

8. #7c - Produce newsletter, brochure, or flier. Bring it to class.

Photography

Prerequisites:

1. Scouts should review this requirement and its components and be prepared to discuss, demonstrate, explain, and show as necessary their first aid knowledge and proficiency as it applies to this merit badge.
2. It is strongly recommended and encouraged that Scouts complete their Cyber Chip requirements (age appropriate) ahead of time and bring their current / recharged Cyber Chip proof with them to class. It is not acceptable to just say you have your Cyber Chip, you must bring proof. Some counselors may choose to integrate this requirement into the instruction at the class, but Scouts will find having it done ahead of time is best. If time allows, the counselor MAY offer the chance to complete parts of the Cyber Chip at the end of the class, this of course is at the discretion of the counselor.
3. Scouts should review this requirement and its components and be prepared to explain. It is strongly recommended that Scouts bring any notes or supporting documents they may have to help show the counselor that they have prepared for explanation of these items.
4. Scouts should bring their photography work for this requirement to the class to share for completion of this requirement.
5. Scouts should bring their photography work for this requirement to the class to share for completion of this requirement.
6. Scouts should be prepared to describe how photo editing software works and the basic processes of modifying electronic photos. Scouts should note which software application they utilized and some of the reasons why they chose that application. Participation in the class discussion with a working knowledge is the minimal expectation for this requirement component. Scouts should bring with them their original photo and their modified photo to share with the counselor for the selected requirement component. Scouts should be prepared to describe how they accomplished the modification in the selected software application as well.
7. a. Scouts should come to the class having completed this component of Requirement 7. While a later component says to select 8 to 12 photos, Scouts should have many more than the required number of photos to be able to fully and properly complete the

remaining components at the class. Photos may be in electronic or printed format.

B. Only Scouts who attend the class with the required photos for requirement component 7a ready will have the opportunity to complete this requirement component. Scouts NOT having prepared MAY have a chance but cannot be guaranteed.

C. Scouts should come to the class with their mounting materials or electronic photo management application ready and able to make modifications and assembly of this requirement once the counselor has approved Requirement components 7a and 7b. Class time will be provided to complete this requirement for those that need additional time. Be prepared.

8. Scouts should review this requirement and its components and be prepared to discuss. It is strongly recommended that Scouts bring any notes or supporting documents they may have to help show the counselor that they have prepared for discussion of these items.

Crime Prevention

Prerequisites: 2. Prepare a notebook of newspaper and other clippings that addresses crime and crime prevention efforts in your community.

4. After doing EACH of the following, discuss with your counselor what you have learned.

a. Inspect your neighborhood for opportunities that may lead to crime. Learn how to do a crime prevention survey.

b. Using the checklist in this (the merit badge) pamphlet, conduct a security survey of your home and discuss the results with your family.

Checklist can be found at:

http://meritbadge.org/wiki/images/0/07/Crime_Prevention.pdf

5. Teach your family or patrol members how to protect themselves from crime at home. at school, in your community, and while traveling.

6. Help raise awareness about one school safety issue facing students by doing ONE of the following:

a. Create a poster for display on a school bulletin board.

b. With permission from school officials, create a page long public service announcement that could be read over the public-address system at school or posted on the school's Web site.

c. Make a presentation to a group such as a Cub Scout den that addresses the issue.

7. Do ONE of the following: a. Assist in the planning and organization of a crime prevention program in your community such as Neighborhood Watch, Community Watch, or Crime Stoppers. Explain how this program can benefit your neighborhood.

b. With your parent's and counselor's approval, visit a jail or detention facility or a criminal court hearing. Discuss your experience with your counselor. (If there is enough interest the counselor may be able to arrange a visit to the courthouse to view a hearing.

8. Discuss the following with your counselor:

c. Three resources in your city where a person with a drug problem or drug-related problem can go for help. Be prepared to discuss the three resources you found with the counselor on the day of the event. 9. Discuss the following with your counselor:

d. Choose a career in the crime prevention or security industry that interests you. Describe the level of education required and responsibilities of a person in that position. Tell why this position interests you.

Be prepared to discuss the career you found with the counselor on the day of the event.

Game Design

Prerequisite: 8(b) List three career opportunities in game development. Pick one and find out about the education, training, and experience required for the profession. Discuss this with your counselor. Explain why this profession might interest you.

February

Chemistry

Prerequisites: None

Cooking

Pre-requisites 1,2,3, are required...4-8 would make it nice.

1. Cyber chit – internet safety
2. Fireman chit – safe fire handling
3. Totem chit – safe knife handling
4. Please read the cooking merit badge booklet
5. Update worksheet attached with their notes/understanding (as much as they can get done)
6. Review careers in food industry – identify 3 roles (internet search hint)
7. Write down what is their favorite meal from home, from scouting?
8. Make a shopping list for their favorite meal (should be well balanced)

Truck Transportation

Prerequisites: Watch video - "[How Long-Haul Trucking Works](#)"

Chess

Prerequisites: None

Nuclear Science

Prerequisites: a. Complete requirement #8 prior to attending the merit badge day. Find out about 3 career opportunities in nuclear science that interests you. Pick one and find out the education, training and experience required for this profession and discuss this with your counselor. Tell why this profession interests you.

Personal Management

Prerequisites: Prior to attending this course, the following requirements should be completed: 1a, 1b, 1b2, 1b3, 1c1, 1c2, 2a, 2c, 8a, b, c and 10 a, b.

If these requirements are not completed on the date of the event, you will receive a partial completion and it is your responsibility to complete the requirements.

March

Citizenship in the Community

3: Do the following:

- a. Attend a meeting of your city, town, or county council or school board; OR a municipal; county, or state court session. (Identify the meeting or session attended):
- b. Choose one of the issues discussed at the meeting where a difference of opinions was expressed, and explain to your counselor why you agree with one opinion more than you do another one.

7: Do the following:

- a. Identify three charitable organizations outside of Scouting that interest you and bring people in your community together to work for the good of your community.
- b. Pick ONE of the organizations you chose for requirement 7a.

Using a variety of resources (including newspapers, fliers and literature, the Internet, volunteers, and employees of the organization), find out more about this organization.

- c. With your counselor's and your parent's approval, contact the organization you chose for requirement 7b and find out what young people can do to help.

While working on this merit badge, volunteer at least eight hours of your time for the organization.

After your volunteer experience is over, discuss what you have learned with your counselor."

Communications

"Get and READ the Communications Merit Badge Pamphlet ...you should be able to find it online. - BRING your work with you to the MBU for us to go over.

Download the Merit Badge Workbook (<http://usscouts.org/mb/worksheets/communication.pdf>) an attached.

2: Do ONE of the following:

- 2a. Think of a creative way to describe yourself, using, for example, a collage, short story or autobiography, drawing or series of photographs, or a song or skit. Using the aid you created, make a presentation to your counselor about yourself.
- 2b. Choose a concept, product, or service in which you have great confidence. Build a

sales plan based on its good points. Try to persuade the counselor to agree with, use, or buy your concept, product or service. After your sales talk, discuss with your counselor how persuasive you were.

3: Write a five-minute speech. Give it at a meeting of a group.

4: Interview someone you know fairly well, like, or respect because of his or her position, talent, career or life experiences. Listen actively to learn as much as you can about the person. Then prepare and deliver to your counselor an introduction of the person as though this person were to be a guest speaker, and include reasons why the audience would want to hear this person speak. Show how you would call to invite this person to speak.

5: Attend a public meeting (city council, school board, debate) approved by your counselor where several points of view are given on a single issue. Practice active listening skills and take careful notes of each point of view. Prepare an objective report that includes all points of view that were expressed, and share this with your counselor.

6: With your counselor's approval, develop a plan to teach a skill or inform someone about something. Prepare teaching aids for your plan. We will carry out your plan on the campout. With your counselor, determine whether the person has learned what you intended.

7: Do ONE of the following:

7a. Write to the editor of a magazine or your local newspaper to express your opinion or share information on any subject you choose. Send your message by fax, email or regular mail.

7b. Create a web page or blog of special interest to you (for instance, your troop or crew, a hobby, or a sport).. Include at least three articles or entries and one photograph or illustration, and one link to some other Web page or blog that would be helpful to someone who visits the Web page or blog you have created. It is not necessary to post your Web page or blog to the Internet, but if you decide to do so, you must first share it with your parents and counselor and get their permission.

7c. Use desktop publishing to produce a newsletter, brochure, flier or other printed material for your scout troop, class at school, or other group. Include at least one article and one photograph or illustration.

9: Find out about three career opportunities in the field of communication. Pick one and find out the education, training, and experience required for this profession. Discuss this with your counselor, and explain why this profession might interest you."

Digital Technology

"Obtain and READ the Digital Tech Merit Badge pamphlet

Download and fill out the Digital Tech Merit Badge Workbook with pre-requisite work

Complete the worksheet from the pamphlet

Present your completed Blue Card and Cyber Chip

Do the 3 Projects (Requirement #6)

Requirement #8 (Recycling)

Requirement #9 (Careers)"

Entrepreneurship

Prerequisites: Obtain and READ the Entrepreneurship Merit Badge pamphlet

Family Life

Prerequisites: "Obtain and READ the Merit Badge pamphlet

3. Prepare a list of your regular home duties or chores (at least five) and do them for 90 days. Keep a record of how often you do each of them.

Discuss with your counselor the effect your chores had on your family.

4. With the approval of your parents or guardians and your merit badge counselor, decide on and carry out a project that you would do around the home that would benefit your family.

Submit a report to your merit badge counselor outlining how the project benefited your family.

5. Plan and carry out a project that involves the participation of your family.

After completing the project, discuss the following with your merit badge counselor:

- a. The objective or goal of the project
- b. How individual members of your family participated
- c. The results of the project"

Personal Management

Prerequisites: "Obtain and READ the Merit Badge pamphlet

1. Do the following:

a. Choose an item that your family might want to purchase that is considered a major expense.

b. Write a plan that tells how your family would save money for the purchase identified in requirement 1a.

1. Discuss the plan with your merit badge counselor.

2. Discuss the plan with your family.

3. Discuss how other family needs must be considered in this plan.

c. Develop a written shopping strategy for the purchase identified in requirement 1a.

1. Determine the quality of the item or service (using consumer publications or ratings systems).

2. Comparison shop for the item. Find out where you can buy the item for the best price. (Provide prices from at least two different price sources.)

Source Price

Call around; study ads. Look for a sale or discount coupon. Consider alternatives.

Can you buy the item used?

Should you wait for a sale?

3. Track and record your actual income, expenses, and savings for 13 consecutive weeks (the same 13-week period for which you budgeted). (You may use the forms provided in this pamphlet, devise your own, or use a computer-generated version.) When complete, present the records showing the results to your merit badge counselor.

8. Demonstrate to your merit badge counselor your understanding of time management by doing the following:

a. Write a "to do" list of tasks or activities, such as homework assignments, chores, and personal projects, that must be done in the coming week. List these in order of importance to you.

b. Make a seven-day calendar or schedule. Put in your set activities, such as school classes, sports practices or games, jobs or chores, and/or Scout or place of worship or club meetings, then plan when you will do all the tasks from your "to do" list between your set activities.

c. Follow the one-week schedule you planned. Keep a daily diary or journal during each of the seven days of this week's activities, writing down when you completed each of the tasks on your "to do" list compared to when you scheduled them.

d. With your merit badge counselor, review your "to do" list, one-week schedule, and diary/journal to understand when your schedule worked and when it did not work.

10. Do the following:

a. Choose a career you might want to enter after high school or college graduation. Discuss with your counselor the needed qualifications, education, skills, and experience..

b. Explain to your counselor what the associated costs might be to pursue this career, such as tuition, school or training supplies, and room and board. Explain how you could prepare for these costs and how you might make up for any shortfall.

Sustainability

Prerequisites: "Obtain and READ the Sustainability Merit Badge pamphlet
Download and fill out the Sustainability Merit Badge Workbook with pre-requisite work
2. Do the following: Water. Do A AND either B OR C

A. Develop and implement a plan that attempts to reduce your family's water usage.
As a family, discuss water usage. To aid in your discussion, if past water bills are available, you may choose to examine a few. As a family, choose three ways to help reduce water consumption. Implement those ideas for one month. Share what you learn with your counselor, and tell how you think your plan affected your family's water usage

Food. Do A AND either B OR C

A. Develop and implement a plan that attempts to reduce your household food waste. Establish a baseline and then track and record your results for two weeks. Report your results to your family and counselor.

Energy. Do A AND either B OR C

B. Develop and implement a plan that attempts to reduce consumption for one of your family's household utilities.

Examine your family's bills for that utility reflecting usage for three months (past or current). As a family, choose three ways to help reduce consumption and be a better steward of this resource. Implement those ideas for one month. Share what you learn with your counselor, and tell how your plan affected your family's usage."