

Virtual Merit Badge University Pre-requisites

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.