

Online Merit Badge Schedule  
Photography Merit Badge

**Prerequisites:**

- Up-to-date Cyber Chip (BSA internet safety training)
- Access to camera and editing software. (Phones work great!)

**Class Schedule:**

- Each class session will begin at 7:00pm on Thursdays
- Each class session will be at least 60-minutes
  - Meetings will not exceed 90 minutes
- There will be 3 class meetings
- Around 2-4 Hours of Homework a week

**Class Plan:**

**Day One**

- Introduction
  - 10 minutes
- Requirement #1a: Explain to your counselor the most likely hazards you may encounter while working with photography and what you should do to anticipate, mitigate, prevent, and respond to these hazards. Explain how you would prepare for exposure to environmental situations such as weather, sun, and water.
  - 20 minutes
- Requirement #2: Explain how the following elements and terms can affect the quality of a picture:
  - 20 minutes
    - 2a
      - Light—natural light (ambient/existing), low light (such as at night), and artificial light (such as from a flash)
    - 2b
      - Exposure -- aperture (f-stops), shutter speed, ISO
    - 2c
      - Depth of field
    - 2d
      - Composition-rule of thirds, leading lines, framing, depth
    - 2e
      - Angle of view
    - 2f
      - Stop action and blur motion
    - 2g
      - Timing
- Discuss Homework assignments

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- 10 minutes
  - Homework for Scouts - Choose TWO of requirement #4 and photograph THREE of requirement #5. Email photos to instructor
    - #4a
      - Photograph one subject from two different angles or perspectives.
    - #4b
      - Photograph one subject from two different light sources—artificial and natural.
    - #4c
      - Photograph one subject with two different depth of fields.
    - #4d
      - Photograph one subject with two different compositional techniques.
    - #5a
      - Close-up of a person
    - #5b
      - Two to three people interacting
    - #5c
      - Action shot
    - #5d
      - Animal shot
    - #5e
      - Nature shot
    - #5f
      - Picture of a person—candid, posed, or camera aware
- Q&A
  - 5 minutes

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**Day Two**

- Start class
  - 5 minutes
- Discuss Previous Homework Assignment
  - 10 minutes
- Requirement #3: Explain the basic parts and operation of a camera. Explain how an exposure is made when you take a picture.
  - 15 minutes
- Requirement #6 Describe how software allows you to enhance your photograph after it is taken
  - 20 minutes
    - Homework for Scouts - Select a photo you have taken, then do at least ONE of the following. Email your edited photo to the instructor.
      - Crop your photograph.
      - Adjust the exposure or make a color correction.
      - Show another way you could improve your picture for impact.
- Discuss Homework Assignment: Requirement #7
  - 10 minutes
    - Homework for Scouts - Using images other than those created for requirements 4, 5 or 6, produce a visual story to document an event to photograph OR choose a topic that interests you to photograph. Do the following:
      - Plan the images you need to photograph for your photo story.
      - Share your plan with your counselor, and get your counselor's input and approval before you proceed.
      - Select eight to 12 images that best tell your story. Arrange your images in order and mount the prints on a poster board, OR create an electronic presentation.
      - Be prepared to present your project at the next meeting.
- Q&A
  - 5 minutes

**Day Three**

- Start class
  - 5 minutes
- Presentations of Requirement #7 (3-5 minutes per scout)
  - ~45 minutes

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- Requirement #8: Identify three career opportunities in photography. Pick one and explain to your counselor how to prepare for such a career. Discuss what education and training are required, and why this profession might interest you.
  - 15 minutes
- Final Thoughts and Q&A
  - 10 minutes