

# MERIT BADGE SERIES



# PHOTOGRAPHY



BOY SCOUTS OF AMERICA®

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*"Enhancing our youths' competitive edge through merit badges"*



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# Requirements

1. Explain how the following elements and terms affect the quality of a picture:
  - a. Light—natural light/ambient, flash
  - b. Exposure—aperture (f-stops), shutter speed, depth of field
  - c. Composition—rule of thirds, leading lines, framing, depth
  - d. Angle of view
  - e. Stopping action
2. Explain the basic parts and operation of a film camera or digital camera. Explain how an exposure is made when you take a picture.
3. Discuss with your counselor the differences between a film camera and a digital camera. Describe how computer software allows you to make adjustments to a digital photograph after it is taken.
4. Do ONE of the following:
  - a. Produce a picture story using the photojournalistic technique of documenting an event. Share your plan with your counselor and get your counselor's input and approval before you proceed. Then, using either a film camera or a digital camera, produce your approved picture story. Process your images and select eight to 12 images that best tell your story. Arrange your images in order, then mount the prints on a poster board. If you are using digital images, you may create a slide show on your computer or produce printouts for your poster board. Share your picture story with your counselor.

- b. Choose a topic that interests you to photograph for an exhibit or display. Get your counselor's approval, then photograph (digital or film) your topic. Process your images. Choose 20 of your favorite images and mount them on poster board. Share your display with your counselor. If you are using digital images, you may create a slide show on your computer or produce printouts for your poster board.
5. Discuss with your counselor the career opportunities in photography. Pick one that interests you and explain how to prepare for such a career. Discuss with your counselor the education and training such a career would require.



# Photography Resources

## Scouting Literature

*Digital Photo Magic; Art, Cinematography, Computers, Graphic Arts, and Journalism* merit badge pamphlets

Visit the Boy Scouts of America's official retail website at <http://www.scoutstuff.org> for a complete listing of all merit badge pamphlets and other helpful Scouting materials and supplies.

## Books

- Burian, Peter K., and Robert Caputo. *Photography Field Guide: Secrets to Making Great Pictures*, 2nd ed. National Geographic, 2003.
- Busch, David D. *Mastering Digital Photography*. Course Technology PTR, 2nd ed., 2005.
- Davies, Paul Harcourt. *The Complete Guide to Close-Up & Macro Photography*. David & Charles, 2002.
- Eastman Kodak Company, editors. *The Joy of Photography*. Perseus Publishing, 1991.
- Frost, Lee. *Teach Yourself Photography*, 2nd ed. McGraw-Hill, 2008.
- Grimm, Tom, and Michele Grimm. *The Basic Book of Photography: 2004 Edition*. Plume, 2003.
- Kelby, Scott. *The Photoshop Book for Digital Photographers*. New Riders, 2003.
- London, Barbara, John Upton, et al. *Photography*, 10th ed. Prentice Hall, 2010.
- Long, Ben. *Complete Digital Photography*, 7th ed. Course Technology PTR, 2012.
- Norton, Boyd. *The Art of Outdoor Photography: Techniques for the Advanced Amateur and Professional*. Voyageur Press, 2002.
- Peterson, Bryan. *Understanding Exposure: How to Shoot Great Photographs with a Film or Digital Camera*, rev. ed. Amphoto Books, 2004.
- . *Understanding Shutter Speed: Creative Action and Low-Light Photography Beyond 1/123 Second*. Amphoto Books, 2008.
- Sammon, Rick. *Rick Sammon's Complete Guide to Digital Photography: 107 Lessons on Taking, Making, Editing, Storing, Printing, and Sharing Better Digital Images*, 2nd ed. W.W. Norton, 2007.

Shaw, John. *John Shaw's Nature Photography Field Guide*.  
Amphoto Books, 2001.

Stuckey, Scott. *National Geographic Ultimate Field Guide to Travel Photography*.  
National Geographic, 2010.

Tharp, Brenda. *Extraordinary Everyday Photography: Awaken Your Vision to Create Stunning Images Wherever You Are*.  
Amphoto Books, 2012.

## Magazines

### **News Photographer**

National Press  
Photographers Association  
3200 Croasdaile Drive, Suite 306  
Durham, NC 27705  
Telephone: 919-383-7246  
Website: [http://www.nppa.org/news\\_and\\_events/magazine](http://www.nppa.org/news_and_events/magazine)

### **Photo Technique**

6600 West Touhy Ave.  
Niles, IL 60714  
Telephone: 847-647-2900  
Website: <http://www.phototechmag.com>

### **Popular Photography & Imaging**

1633 Broadway  
New York, NY 10019  
Telephone: 212-767-6000  
Website: <http://www.popphoto.com>

### **Shutterbug**

Primedia Inc.  
1419 Chaffee Drive Suite 1  
Titusville, FL 32780  
Telephone: 321-269-3212  
Website: <http://www.shutterbug.com>

## Organizations and Websites

### **American Society of Picture Professionals**

217 Palos Verdes Blvd., Suite 700  
Redondo Beach, CA 90277  
Telephone: 424-247-9944  
Website: <http://www.aspp.com>

### **International Association of Panoramic Photographers**

Church Street Station  
P.O. Box 3371  
New York, NY 10008-3371  
Website:  
<http://www.panoramicaassociation.org>

### **National Press Photographers Association**

3200 Croasdaile Drive, Suite 306  
Durham, NC 27705  
Telephone: 919-383-7246  
Website: <http://www.nppa.org>

### **Photographic Society of America**

3000 United Founders Blvd., Suite 103  
Oklahoma City, OK 73112  
Telephone: 405-843-1437  
Website: <http://www.psa-photo.org>

### **Professional Photographers of America**

229 Peachtree St. NE, Suite 2200  
Atlanta, GA 30303  
Toll-free telephone: 800-786-6277  
Website: <http://www.ppa.com>

### **Student Photographic Society**

229 Peachtree St. NE, Suite 2200  
Atlanta, GA 30303  
Toll-free telephone: 866-886-5325  
Website: <http://www.studentphoto.com>

### **White House News Photographers Association**

7119 Ben Franklin Station  
Washington, DC 20044-7119  
Telephone: 202-785-5230  
Website: <http://www.whnpa.org>