

Graphic Arts

Merit Badge Workbook

This workbook can help you but you still need to read the merit badge pamphlet (book). No one can add or subtract from the Boy Scout Requirements #33216. Each Scout must do each requirement. Merit Badge Workbooks and more: Online Resources. Send comments to the workbook developer: craig@craiglincoln.com. Requirements revised: 01/1/10, Workbook updated: 02/10.

Scout's Name:	Unit:		
	Counselor's Ph #:		
1. Review with your counselor the processes for producing printed communications:			
offset lithography,			
screen printing,			
electronic/digital,			
Collect samples of three products, each one proyour description.	duced using a different printing process, or draw diagrams to help with		
	ne,		
line,			
and halftone artwork.			
Describe how it can be created and/or stored in	a computer.		
3 Design a printed piece (flier T-shirt program	form, etc.) and produce it		
	aces you use		
	esign		
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Explain which printing process	is best suited for printing your design.	
If desktop publishing is availab	ole, identify what hardware and software w	ould be appropriate for outputting your design.
4. Produce the design you crea	ated for requirement 3 using ONE of the fo	Illowing printing processes:
a. Offset lithography		
Make a layout and produce a pl	late using a process approved by your cou	unselor. Run the plate and print at least 50
□ b. Screen process printing		
Make a hand-cut or photograph least 20 copies.	nic stencil and attach it to a screen that yo	u have prepared. Mask the screen and print at
C. Electronic/digital printin	g	
•	rm, download it to the press or printer, and u may print and scan a paper copy of the	d run 50 copies. If no electronic interface to the layout.
d. Relief printing		
Prepare a layout or set the nec	essary type. Make a plate or lock up the fo	orm. Use this to print 50 copies.
5. Review the following postpr	ess operations with your counselor:	
 a. Discuss the finishing operat 	tions of padding,	
drilling,		
cutting,		
and trimming		
and tillilling.		
b. Collect, describe, or identify	examples of the following types of bindir	ng:
perfect,		
spiral,		
plastic comb,		
saddle stitched,		

and case. _____

Vocational Information Center: http://www.khake.com/page27.html

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