



**GRAVOIS TRAIL**

# **WOODWORK**

**MERIT BADGE SKILL CENTER**



**SATURDAY, FEBRUARY 16, 2008**

## LOCATION

St. Louis Carpenters Joint Apprenticeship Program  
8300 Valcour Avenue 63123  
(between Weber and Heege on the east side of Valcour)  
8:30 AM – 3:30 PM

This Skill Center will be provided at the Carpenters Joint Apprenticeship Program's 160,000 sq. ft. training facility. Instruction and hands-on activity for each requirement will be provided by CJAP highly experienced instructors.

Merit badge counselors will be present to sign cards for each Scout who successfully completes the requirements on the 16<sup>th</sup>. Scouts unable to complete the requirements during the Skill Center will receive a partial and will need to contact a counselor later for completion.

**Pre-Requisite: Requirement #1**

Scouts must complete this requirement prior to the Skill Center.

Scouts should wear jeans and a Scout T-Shirt. Do not wear Scout uniforms or shorts or hats. Boots are highly recommended.

Each Scout must bring:

- A merit badge card signed by his Scoutmaster
- A copy of this form signed on the back for completion of Requirement 1
- A hammer, Phillips #2 screwdriver and a tape measure  
(all tools should show the name of the Scout)
- The merit badge book or the worksheet from [www.meritbadge.com](http://www.meritbadge.com)

Lunch will be provided for all participants.  
There is no cost for either the Skill Center or lunch.

Registration is limited to 50 Scouts.

One adult must be present for every 8 Scouts

Scouts, not leaders or other adults, can register via email to [T778sm@sbcglobal.net](mailto:T778sm@sbcglobal.net)  
(preferred) or 636-349-9929.

Registration must include the name and Troop number for each Scout and the name and phone number of the adult attending with the Scouts.

Registrations will be processed in order received.

# WOODWORK

## Merit Badge Requirements

1) Do the following:

- A) Show that you know first aid for the following injuries that could occur while woodworking, including splinters, scratches, cuts, severe bleeding, and shock. Tell what precaution must be taken to help prevent loss of eyesight or hearing, and explain why and when it is necessary to use a dust mask.
- B) Earn the Totin' Chip recognition.
- C) Tell your counselor what precautions you take to safely use your tools.

Completed: Date \_\_\_\_\_ Signed: \_\_\_\_\_  
Scoutmaster

2) Do the following:

- A) Describe how timber is grown, harvested, and milled. Tell how lumber is cured, seasoned, graded, and sized.
- B) Collect and label blocks of six kinds of wood useful in woodworking. Describe the chief qualities of each. Give the best uses of each.

3) Do the following:

- A) Show proper care, use, and storage of all working tools and equipment that you own or use at home or school.
- B) Sharpen correctly the cutting edges of two different tools.

4) Use a saw, plane, hammer, brace, and bit to make something useful of wood. Cut parts from lumber that you have squared and measured from working drawings.

5) Create your own carpentry project. List the materials you will need to complete your project, and then build your own project. Keep track of the time you spend and the cost of the materials.

6) Do any TWO of the following:

- A) Make working drawings of a project needing:
  - 1) Beveled or rounded edges OR curved or incised cuttings.OR
  - 2) Miter, dowel, or mortise and tenon joints. Build this project.
- B) Make something for which you have to turn duplicate parts on a lathe.
- C) Make a cabinet, box or something else with a door or lid fastened with inset hinges.
- D) Help make and repair wooden toys for needy children; OR help carry out a carpentry service project approved by your counselor for a charitable organization.

7) Talk with a cabinetmaker or carpenter. Find out about the training, apprenticeship, career opportunities, work conditions, pay rates, and union organization for woodworking experts in your area.