

Whether you need new kitchen cabinets or more storage for your workshop, the basics of cabinetry design remain the same. Most units consist of little more than a well-built plywood box, called a carcass, that is then trimmed with doors or wood trim appropriate for the application. The carcass is typically made from 3/4" plywood with dados or rabbets to hold some of the shelves and backing.

This project will walk you through building a single utility cabinet, but comments will be added when minor modifications for kitchen cabinetry are appropriate. This model will be 48-inches wide, 24-inches tall (with a center and bottom shelf) and 18-inches deep. You may modify the dimensions to fit your particular installation as necessary.

### **Difficulty Level**

- Woodworking: Moderate
- Finishing: Paint or stain optional

#### **Time to Complete**

- 3-4 Hours per cabinet

#### **Recommended Tools**

- **Miter Saw** or **Circular Saw**
- **Table Saw** with Dado Set or **Router**
- Cordless or **Corded Power Drill**
- **Claw Hammer**
- **Layout Square**

#### **Materials Needed**

- Two (2) 4x8 Sheet 3/4-inch BC Plywood
- One (1) 4x8 Sheet 1/4-inch Plywood
- One (1) 2x4 8-feet long
- Three (3) 1x2 8-feet long
- 3 inch and 1-1/2 inch Deck Screws
- 4d Finish Nails
- **Tape Measure**
- Pencil
- Woodworker's Glue