

## **ART F043-FQ1 Mortise and Tenon**

Three-day Hands-on workshop: November 20-22 9am – 5pm

Instructor: John Manthei

Maximum # of students: 6

Minimum # of students: 4

Fee: \$330

Location: Kaufman/Manthei Residence and Studios

1600 Goldenview Drive

Near the intersection of Ballaine and Goldstream Road

Instructor Permission Required: Phone: 455-4547

The mortise and tenon joint is the most varied and most common mechanical joint in woodworking. It is also the most essential.

Each student will hand cut at least two types and use the table saw to make another. Everyone will take home a sampling of joints they have made which will be useful in designing future projects using these joints. We will discuss a myriad of variations on the mortise and tenon and considerations for selecting the best one for the job. In addition to cutting the joints, we will also cover stock preparation, layout and glue up.

### **Prerequisites:**

Students should have a reasonable level of proficiency with a handsaw and chisel and the ability to visualize three-dimensional shapes. If you are in doubt, please call me.

### **Supplies and Tools:**

Students are required to supply their own safety glasses and hearing protection. There will be a safety briefing regarding the use of each power tool used.

Students are encouraged to bring their own tools if they have them, otherwise they will be supplied.

Tools to be used:

- Small tape measure or machinist rule
- Marking knife
- Marking gauge
- Small try square or combination square
- Dovetail saw or pull saw
- Chisels
- Mallet

To register contact UAF Summer Sessions and Lifelong Learning at 474-7021 or toll-free at 1-866-404-7021.