

Basic Manufacturing First Seven Projects Details

1. Non Four Sided Container – must have a moveable or removable lid. Drawing must be detailed with thickness, width and length as well as size of lid and method of attachment
2. Wine Bottle Holder – must be a single piece of wood that supports the bottle through the physics principle of center of mass, center of gravity
3. Tambour Clock – specific dimensions will be provided
4. Cutting Board – each student will get 7 pieces of maple 11/2” square. Your cutting board can be end grain or edge grain. If you so choose you may add your own piece(s) of dark wood for contrast
5. Holiday Ornament – you will be provided a 6” square piece of luan. Your design must have interior and exterior cuts and will be made on the scroll saw
6. Carve Initials – you will be provided one piece of pine roughly 3/4” x 3” x 6” into which you must carve your initials. The type font should be Times New Roman – **BOLD** – between 1 and 1 1/4” high. Trace the initials onto the wood and carve using razor blade, carving tools or chisels.
7. Electronic Device Holder – a design of your choice that will hold an electronic device. Your design must show the dimensions of each piece of material and all holes, slots, grooves that need to be machined into the project and also show all angles.