

	Skills	Knowledge	Classes
Beginning Students are required to demonstrate mastery of these skills and knowledge before taking any intermediate classes.	<p>Safe and appropriate use of: Jointer, Planer, Table saw, band saw, Chop saw, router sanders, clamps</p> <p>Misc. Hand tools</p> <p>Table construction</p> <p>Box construction</p>	<p>Basic design.</p> <p>Cultists</p> <p>Wood anatomy</p> <p>Milling lumber</p> <p>Layout and cutting of four basic joints</p> <p>Sanding techniques</p> <p>Glues</p> <p>Construction process</p> <p>Finishing process for three finishes</p>	<p>Power Tool Operations</p> <p>Beginning Woodwork</p> <p>Box Making</p> <p>Table Making</p> <p>Turning & Lathe Work 1</p>
Intermediate Students are required to demonstrate mastery of these skills and knowledge before taking any advanced classes.	<p>Lumber v Parts Planning</p> <p>Case construction</p> <p>Base construction</p> <p>Door installation</p> <p>Drawer Installation</p> <p>Shelf installation</p> <p>Making shapes & curves</p>	<p>Hardware impacts (Hinges, pulls, stops, glides)</p> <p>Case design</p> <p>Door design</p> <p>Drawer design</p> <p>Base design</p> <p>Top Design</p> <p>Case assembly</p> <p>Finishing process for three additional finishes</p>	<p>Finishing Class</p> <p>Joinery – Hand & Machine</p> <p>Cabinet Making</p> <p>Curvature 1</p> <p>Building a Krenov Cabinet</p> <p>Building a pair of Night Stands</p> <p>Building a curved writing desk</p>
Advanced Students are required to demonstrate mastery of these skills and knowledge before taking any Open program sessions.	<p>Furniture Design</p> <p>Inlay</p> <p>Sawing complex shapes and laminations</p> <p>Lacquer Spraying</p> <p>Spray dying and staining</p>	<p>History of Furniture Design</p> <p>CAD design</p> <p>Ergonomics</p> <p>Production Efficiency</p> <p>Shop set up</p>	<p>Design/Sketch Up</p> <p>Shop Organization/Machine Maintenance</p> <p>Designing & Building for Efficiency</p> <p>Spray Finishing</p> <p>Introduction to chair Making</p> <p>Introduction to Veneer & Marquetry Work</p> <p>Curvature 2: Bending</p> <p>Building a headboard</p> <p>Building a Chest of drawers</p>

