Spindle Turning Tool List

Quantity	Size/Grade	Tool or Item	Comment
Tools			
1	1/2"	*Spindle Gouge	One ground from round bar stock; not one stamped or forged from a 1/8" thick strap of steel. We will teach you how to put a correct fingernail grind on it. Ernie recommends D-way Tools 1/2" Spindle Gouge, Carter and Son's 1/2" Spindle Goge or Doug Thompson's 7/16" Detail Gouge. The English manufacturers (Henry Taylor, Crown and Sorby) also make good spindle gouges.
1	1/4"	*Spindle Gouge	Bring it if you have one but not necessary.
1	1/2"	Square end scraper	Any of the Sheffield makers or Huricane.
1	1/16" to 1/8"	Parting	A diamond shape is better than rectangular for faceplate work but hard to find less than 1/8" in width these days.
1	3/4" - 1 1/4"	Roughing Out Gouge	The wider the better! 1-1/4" is Ernie's favorite but purchase at least 3/4"
1	1" or wider	Skew Chisel, Ernie's current favorite is the Crown Colwin Way (Ore Mountain) Skew in 1-1/4"	You have three choices: standard, rolled edge and oval. Oval is the easiest to use for beginners. The Colwin Way Ore Mountain Skew does the same thing by punting a waist in the tool's shank. Do not buy a skew with a curved cutting edge; a straight edge is far better. The Cowin Way Ore Mountain skew Comes in three sizes and may be purchased from the Woodturning Store. You only need the larest size for this class.
Other Items			
1		Dust Mask	Very nice when sanding. Automotive paper masks are adequate but respirator is better.
1		Face Shield	You will also be required to wear a full-face shield that meets ANSI Z87.1 standards when using the grinder or in some types of turning. We strongly recommend the Uvex Bionic Face Shield with Clear Polycarbonate Anti-fog Hard Coat Visor. The best price we have found for this item is at Amazon. The Uvex shield is Z87.1+, rated, a higher standard than Z87.1.
1		Notebook	
1		Pencil	#2 (or HB) are best hardness for woodworking. Ernie's Favorite is Blackwing 602
1		Folding or 12" Steel	Economical 39" rule that is great at a lathe is Lee Valley's Long Life Rule at #7.95
1		Safety Glasses	See chart at bottom for a complete list of backsaws and their purpose.
2 Sheets	60 or 80 grit	Sandpaper	Ernie's favorite is Norton 3X. Also good is Klingspore PS 33 in a B weight which is a stearated, open coat, aluminum oxide paper.
2 Sheets	120 or 150	Sandpaper	See above
2 Sheets	180	Sandpaper	See above
Nice to have but not necessary			
Notes			

Brand names that we have found to be reliable over the years are Hamlet, Sorby, Henry Taylor, Crown, Packard and the Woodturning Store. Boutique makers are Doug Thompson, Carter & Son and D-way. If you have tools please bring them, for often they will do fine. Do not be afraid to email or call to talk about tools if you do not think yours are adequate. Hurricane turning tools from the Woodturning Store are also good economy tools.

If you purchase new tools to bring with you we ask that you do not sharpen them before arrival. We spend the first couple of hours explaining the correct grind for each tool and teaching you to duplicate that grind.

For all tools we recommend the purchase of HSS (High Speed Steel) tools, especially those made from M42. HSS will pay back dividends many times over and you turn faster because less time is spent grinding. Since you do not have to worry abut overheating HSS tools much of the worry is taken out of the sharpening process.

The best preparation for this class is to read Ernie Conover's turning books all of which are published by Taunton Press. The textbook for the class is the 3nd edition of The Lathe Book and an autographed copy can be ordered from our store. Turn a Bowl with Ernie Conover is also available from our website. Additionally watching Ernie's many YouTube videos may be helpful. They can be seen on our YouTube Chanel. There is a play list there for the many videos he has done for Woodworker's Journal Magazine for which he has written a turning column for the last ten years.

Sources of Supply	
Blackwing 602	https://blackwing602.com/products/blackwing-602-set-of-12
Hida Tool	https://hidatool.com/
Japan Woodworker	https://www.woodcraft.com/pages/Japan-woodworker
Lee Valley	https://www.leevalley.com/en-us
Lie-Nielsen	https://www.lie-nielsen.com/
Products Engineering Corp	https://pec.tools/
Woodcraft Supply Corp	https://www.woodcraft.com/
The Woodturning Store	https://www.thewoodturningstore.com/crown-tools-colwin-way-signature-m2-cryo-1-1-4-skew-chisel/
Carter & Son	https://carterandsontoolworks.com/
Doug Thompson	https://thompsonlathetools.com/
D-Way	https://d-waytools.com/
Robust	/turning-tools-new-gouges-skews-scrapers/

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