

	A	B	C	D
1	The tool list below represents the minimum required tools for successfully participating in the Construction Program. You will need your tools on the first day of class. Many students may decide to purchase additional tools as they progress through the program, and based upon their individual goals.			
2	Tool	Recommended make/models for good quality and value	App. \$	Notes
3	Tool belt	https://www.homedepot.com/p/McGuire-Nicholas-11-Pocket-Contractor-Apron-Yellow-1DM-428-2/202053118	\$50	Avoid low cost fabric aprons.
4	12" Combination square	https://www.homedepot.com/p/Empire-12-in-Combination-Square-E250/100356502	\$12	Avoid the 6" and 16" versions as well as plastic models.
5	16 oz finish hammer		\$16	Avoid any hammer with a textures face.
6	Framing square	https://www.homedepot.com/p/Empire-16-in-x-24-in-Laser-Etched-Framing-Square-1190/100167166	\$16	Must have framing tables, 16ths, 10ths, and 12th of inch gradations. Fraction to decimal conversion table is preferred.
7	Nail sets		\$10	small, medium, large. Often comes in a three pack.
8	Box cutter style knife and replacement blades		\$12	
9	25' tape measure		\$10	Fractional read (easy read) is not acceptable. Standard gradation. High cost tapes are not required
10	3/4" wood chisel	https://www.leevalley.com/en-us/shop/tools/hand-tools/chisels/bench/30028-lee-valley-bevel-edge-chisels?item=44S0106	\$18	A single 3/4" chisel is all you need. A set may be a good investment for some students. Do not purchase at box store. The chisel in the link is the only one recommended.
11				
12	Hearing protection		\$20	Muff style protection only, plugs will not be allowed. 3M Optime 98 Yellow and Black Over-The-Head Earmuff are my preferred model. Any that are comfortable will suffice.

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13	safety glasses	https://www.amazon.com/Pyramex-Venture-Safety-Eyewear-Clear/dp/B01MYF2IAA/ref=sr_1_9?hvadid=616987481249&hvdev=c&hvlcpby=1019105&hvnetw=g&hvqmt=e&hvrnd=4260647312975813516&hvtargid=kwd-3185510430&hydadcr=9409_13604239&keywords=venture+2+safety+glasses&qid=1691064639&sr=8-9		Pyramex Venture II Safety Eyewear are my personal preference. Any comfortable ANSI rated, impact resistant safety glasses will suffice. Students who wear prescription glasses will need either: prescription impact resistant glasses (ANSI rated) or safety glasses (ANSI rated) that can be worn over your regular glasses. Both options must have side shields. If you have vision insurance check with your provider as safety glasses are sometimes covered.
14	26" Hand saw	https://www.stanleytools.com/product/20-065/stanley-fatmax-26-sharptooth-cg-saw	\$30	This is the only saw I recommend at a reasonable price. 12 PPI (points per inch)
15	Drill/driver bits (2 of each): t-10, t-15, t-40, P2, (5 of each) t-20, t-25		\$16	Purchase the longer bits (about 1" long), not the short (about 1/4" long) bits.
16	Molding bar	https://www.lowes.com/pd/Estwing-10-in-Steel-Moulding-Pry-Bar/1000398275	\$18	Only purchase a name brand bar. The cheaper bars will not function properly.
17	#2 round pencils, 12		\$5	
18	Carpenter pencils, 6		\$5	
19	Sharpies, 3		\$5	
20	Lumber crayon, 2		\$4	
21	notebook		\$3	
22	Clipboard		\$3	
23	Blue Chalk line	https://www.homedepot.com/p/DEWALT-Cast-Aluminum-Chalk-Reel-in-Blue-DWHT47309L/204624598	\$10	Blue is the only color we will use in school. Just about any chalk line make/model will be fine.
24	Calculator		\$20	Must have trigonometry functions, cell phone calculator is not allowed during testing.

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25	metal twist drill bit set	https://www.homedepot.com/p/DEWALT-Black-and-Gold-Twist-Drill-Bit-Set-21-Piece-DWA1181/205952648	\$30	
26	cordless drill (not an impact driver)		\$100	Impact drivers are not allowed during the lab due to the excessive noise interfering with student and instructor communication. Any name brand model will be fine. Smaller battery models are less expensive and recommended.
27	Steel or composite toe boots with low heel		\$50	Boots must provide protection and also allow freedom of movement. Any boots with a high heel (e.g. Loggin boots) or that otherwise restrict movement will not be accepted.
28	Proper lab clothing			Long pants that offer abrasion resistance. No loose fitting clothes or jewelry
29	N95 disposable respirators		\$20	Silicone cartridge style respirator is a preferred option and a good investment, but disposable respirators will suffice.
30		Approximate Total	\$483	