

## BUILDING CONSTRUCTION REQUIRED BASIC TOOL LIST

### Required To Enter 1st Semester

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| <input type="checkbox"/> *Safety Glasses - must meet Z87 specs.<br><input type="checkbox"/> Approved leather shoes/boots for construction<br><input type="checkbox"/> *Hard Hat - OSHA approved for construction work<br><input type="checkbox"/> *Construction Master Calculator v3.1<br><input type="checkbox"/> Carpenter's Level, 24" aluminum<br><input type="checkbox"/> 1 Tape Measure, Stanley, 33-425 (25')<br><input type="checkbox"/> *Hearing Protection<br><input type="checkbox"/> 1 Flash Drive Storage Device (1) GB min.<br><input type="checkbox"/> 1 Hammer 16 oz., Plumb OAN 11½"<br><input type="checkbox"/> 1 Combination Square (not plastic) Stanley 46-123<br><input type="checkbox"/> 1 Framing Square, Stanley 45-011 (must have octagon scale, rafter table, essex board measure, brace table)<br><input type="checkbox"/> 1 Coping Saw, Stanley 15-106, 6 3/4"<br><input type="checkbox"/> 1 Block Plane, Stanley 12-960 (low angle)<br><input type="checkbox"/> 4 Chisels, Stanley (1/4", 1/2", 3/4", 1")<br><input type="checkbox"/> 1 Scratch Awl | <input type="checkbox"/> 1 Oilstone, Large Carborundum (reversible)<br><input type="checkbox"/> 1 Nail sets, 1/32", 2/32", 3/32"<br><input type="checkbox"/> 1 Putty Knife, 1-1/2"<br><input type="checkbox"/> 1 Utility Knife, retractable, with extra blades<br><input type="checkbox"/> 1 Chalk Box, 100' Irwin<br><input type="checkbox"/> 1 Compass/Scriber<br><input type="checkbox"/> 1 Sliding T-bevel, (plastic or wood handle)<br><input type="checkbox"/> 1 Screwdriver, six-in-one with interchangeable bits<br><input type="checkbox"/> 1 Nail Apron or Leather Pouches on Web belt<br><input type="checkbox"/> 1 Set Drill Bits (1/16", 5/64", 3/32", 1/8", 3/16", 1/4") min.<br><input type="checkbox"/> 1 1/2" Cordless Drill, Dewalt 20V or higher variable-speed, forward/reverse, DCD796D2<br><input type="checkbox"/> 1 Set, Screwdriver Bits for 3/8" Drill incl. #1, #2 Phillips, Standard option,<br><input type="checkbox"/> #25 Torx & #2 square<br><input type="checkbox"/> 1 Pair Square Gauges<br><input type="checkbox"/> 1 Needle Nose Pliers | <input type="checkbox"/> 1 4" Tapered Drywall Knife (not plastic)<br><input type="checkbox"/> 1 6" Drywall Knife (not plastic)<br><input type="checkbox"/> 1 Pliers, Vise-Grip or Side Cutter Pliers<br><input type="checkbox"/> 1 Pocket Plane Stanley Surform/Drywall Rasp<br><input type="checkbox"/> 1 25' Extension Cord with Optional Multiple Ends and GFCI,<br><input type="checkbox"/> (12-3) or (14-3) Wire<br><input type="checkbox"/> 1 Flatbar Nail Puller (Wonderbar), Stanley 55-515<br><input type="checkbox"/> 1 Cats Claw Nail Puller (Sheeps Foot)<br><input type="checkbox"/> 1 Foam Drywall Sanding Block (Sandflex) med. grit<br><input type="checkbox"/> *1#5 and #9 VIX Bit<br><input type="checkbox"/> 1 1¼ x 8 Combination Countersink Stanley Screwmate<br><input type="checkbox"/> 1 Set Speedbor Wood Bits, 6 pc. set, 3/8"-1"<br><input type="checkbox"/> 1 9-Piece standard hex set<br><input type="checkbox"/> 3 3M Disposable Dust Masks (at least 3) |
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#### Router bits with 1/4" shank

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| <input type="checkbox"/> 1 1/2" Straight Bit<br><input type="checkbox"/> 1 45 Degree chamfer with bearing guide | <input type="checkbox"/> 1 Flush cut laminate bit with bearing guide<br><input type="checkbox"/> 1 8 Degree bevel bit with bearing guide | <input type="checkbox"/> 1 1/4" Round over with bearing guide |
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### Optional Tools For 1st Semester

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| <input type="checkbox"/> 1 Torpedo level - 9"<br><input type="checkbox"/> 1 Speed Square<br><input type="checkbox"/> 1 Hacksaw<br><input type="checkbox"/> 1 100' Steel Tape | <input type="checkbox"/> 1 10" Adjustable Wrench<br><input type="checkbox"/> 1 Hand Crosscut Saw, either a (20"), 8-11 pt. or a (26"), 8-11 pt.<br><input type="checkbox"/> 1 48" Level | <input type="checkbox"/> 1 Framing Hammer 20-22 oz.<br><input type="checkbox"/> 1 Sanding Block (wood, rubber or plastic)<br><input type="checkbox"/> 1 20v Dewalt impact |
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### Supplies Required For 2nd Semester

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- \*Drafting Kit

#### Optional Tool For 2nd Semester

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| <input type="checkbox"/> Windows 64-bit based laptop (this item will not be required for in-class use but will be used for drafting home work. | >>>Do NOT purchase an Apple product as Apple does not run the Revit software used for drafting<<< |
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### Supplies Required For 3rd Semester

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| <input type="checkbox"/> *ARC Welding Helmet - with #10 lens & 2 clear plastic lenses<br><input type="checkbox"/> *Oxy-Fuel Face Shield - with #5 or #6 lens | <input type="checkbox"/> *A-87 Approved Safety Glasses w/Side Shields | <input type="checkbox"/> *Chipping Hammer with Brush or Chipping Hammer and Wire Brush<br><input type="checkbox"/> *Welding Gloves |
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\* May be purchased at the Campus Store.

This list includes the basic tools a student will be required to have to successfully complete the program. The student should discuss with their program advisor the timeline for purchasing specific tools and suggested optional tools. The College does not recommend, nor endorse, any specific brand of tools. The student should give careful consideration when selecting tools they will use in their career. (10/1/2025)