


Tool List for *Associate in Industrial Technologies (AIT.IMT04) Programs*

Students are **required** to have the following tools and materials that are listed as mandatory and each student is **required** to bring his/her tools to each lab. Also each student is responsible for keeping up with his/her own tools while using them on campus *York Technical College is not responsible for any lost, damaged, or stolen PPE, tools, or equipment!*

 *If any of the PPE, tools, or equipment, that are present within this list have been purchased previously for another program, there is no need to purchase that item a second time.*

Personal Protective Equipment (PPE)

Mandatory	1	Pair of Safety Glasses - (Required for every lab!)
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Hand Tools

Mandatory	1	9" Lineman Pliers
Mandatory	1	7 ½" Diagonal Cutting Pliers
Mandatory	1	7" Needle-Nosed Pliers
Mandatory	1	Combination Wire Stripper and Crimper
Mandatory	1	#2 x 6" Square (Robertson) tip Screwdriver
Mandatory	1	3/16" x 6" Slotted Screwdriver
Mandatory	1	1/4" x 6" Slotted Screwdriver
Mandatory	1	#1 x 5" Phillips Screwdriver
Mandatory	1	#2 x 4 ¼ " Phillips Screwdriver
Mandatory	1	Tool box, Tool Pouch, or Tool Bag
Mandatory	1	1/2" - Combination End (Boxed & Opened) Wrench
Mandatory	1	7/16" - Combination End (Boxed & Opened) Wrench
Mandatory	1	9/16" - Combination End (Boxed & Opened) Wrench
Mandatory	1	3/8" Drive & Socket Set
Mandatory	1	Small Ball-Pien Hammer
Mandatory	1	Center Punch
Mandatory	1	8" Adjustable Wrench
Mandatory	1	12" Adjustable Wrench
Mandatory	1	Standard Allen Wrench set - Standard
Mandatory	1	Standard Allen Wrench set - Metric
Mandatory	1	Medium Straight -tip, screwdriver
Mandatory	1	Small Straight -tip, screwdriver
Mandatory	1	No. 2, Phillips-tip, screwdriver

Mandatory	1	1/4" Nut Driver
Mandatory	1	10 " or 12" Pump Pliers (Tongue-and-Groove)
Mandatory	1	25' Tape measure
Mandatory	1	6" Dial Caliper
Mandatory	1	6" Steel Rule
Mandatory	1	Combination Square
Mandatory	1	Set of Feeler Gauges
Mandatory	1	Welding Helmet
Mandatory	1	Welding Gauntlet Gloves
Mandatory	1	Welding Sleeves
Mandatory	1	Wire Brush
Mandatory	1	Torch Tip Cleaner
Mandatory	1	Chipping Hammer
Mandatory	1	#5 Shade Cutting Glasses (or Goggles)
Mandatory	1	Hack Saw w/blade with 18, 24, & 32 Tooth Blades
Mandatory	1	Flat Cross-Cut Metal File
Mandatory	1	Round Cross-Cut Metal File
Mandatory	1	Magnetic Torpedo Level
Mandatory	1	1/8" - 7/16" Drill Bit Index
*Mandatory	1	Digital Multi-Meter (See Minimum Specs Below)

Equipment

Mandatory	1	Scientific Calculator
Mandatory	1	Digital Multi-Meter (See Minimum Specs Below)

<p>Minimum Meter Specifications:</p> <ul style="list-style-type: none"> • 1000VDC • 750VAC • 10A AC • 10A DC • A, mA, & uA • Resistance up to 20Meg-ohms • *Best if meter is rated at Class III and listed, (UL or CSA) 	<p>Recommendations:(See Fluke Meter Student Discount List for current pricing information on following meter or kits.)</p> <p><u>Recommendation#1: Single Meter</u> Model: FLUKE- 179 ESFP Item # - 1564549</p> <p>OR</p> <p><u>Recommendation#2: Combo Kit</u> (Includes Multimeter, Clamp-on meter, and Carrying Case) Model: FLUKE - 117/322 Item # - 2583702</p>
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