

WELDING & METAL FABRICATION

TOOL LIST

1ST SEMESTER

Welding Helmet
 #10 Filter Lens
Clear Lens
Cutting Glasses
 #4 or 5 Filter Lens
Gauntlet Gloves
Safety Glasses
Tip Cleaners
Friction Lighter
Pliers
Tape Measure (12' minimum)
Chipping Hammer
Wire Brush
Leathers
 Sleeves & Bibs
 Or jacket
Coveralls
High Top Boots
Ear Plugs

2ND SEMESTER

Tool Box
Hammer
 Machinist or Ball Peen
Needle Nose Pliers w/side cutter
10" Adjustable Jawed
Open End Wrench
Center Punch
Combination Square
Vise Grips
Screwdriver (s) 4 way

DRAWING INSTRUMENTS

Engineer Scale
45/90 Triangle
30/60/90 Triangle

SECOND YEAR TOOLS

Torpedo level
Sliding T bevel square
Long tape measure 30'-50'
Deburring tool
Cold chisel 3/4"
Hex (allen) wrench set
Combination wrenches 7/16" – 3/4"
Spring clamp for tape measure
Files: Half round, Flat (double cut), 3 corner
Pry bar
Radius marker
Multi Tool