ST. PHILIP'S COLLEGE
WELDING TECHNOLOGY
TOOL LIST FOR WELDING MAJORS

ALL STUDENTS WHO ARE ENROLLED IN A WELDING PROGRAM COURSE ARE REQUIRED TO FURNISH THE FOLLOWING BASIC TOOLS. ADDITIONAL TOOLS MAY BE REQUIRED IN MORE ADVANCED COURSES (SEE ATTACHED). STUDENTS WHO DO NOT HAVE THE REQUIRED TOOLS BY THE SEVENTH (7th) DAY OF CLASS MAY RECEIVE A FAILING GRADE FOR EACH DAY THEY CANNOT COMPLETE THEIR WORK ASSIGNMENTS BECAUSE THEY DO NOT HAVE THE PROPER TOOLS. CATALOG NUMBERS OR NAME BRANDS ARE USED FOR REFERENCE ONLY TO HELP IDENTIFY THE TOOLS, AND ARE NOT INTENDED TO SPECIFY ANY PARTICULAR BRAND OR VENDOR. EQUIVALENT TOOLS MAY BE ACQUIRED FROM ANY AVAILABLE SOURCE.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>PICTURE</th>
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<tbody>
<tr>
<td>ARC WELDING HELMET WITH TWO CLEAR PLASTIC LENSES AND A #9 &amp; #10 FILTER LENS.</td>
<td><img src="image1.png" alt="Picture" /></td>
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<tr>
<td>ONE PAIR OF SAFETY EYE GLASSES WITH SIDE SHIELDS.</td>
<td><img src="image2.png" alt="Picture" /></td>
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<tr>
<td>ONE PAIR OF OXY-ACETYLENE WELDING GOGGLE WITH ONE CLEAR PLASTIC LENS AND A #3 &amp; #5 FILTER LENS.</td>
<td><img src="image3.png" alt="Picture" /></td>
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<tr>
<td>ONE WELDING CHIPPING HAMMER.</td>
<td><img src="image4.png" alt="Picture" /></td>
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<tr>
<td>ONE PAIR OF SMAW WELDING GLOVES.</td>
<td><img src="image5.png" alt="Picture" /></td>
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<tr>
<td>ONE STEEL WIRE BRUSH (WELDING TYPE).</td>
<td><img src="image6.png" alt="Picture" /></td>
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<tr>
<td>ONE OXY-ACETYLENE FLINT LIGHTER WITH ONE EXTRA</td>
<td><img src="image7.png" alt="Picture" /></td>
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</table>
ONE SOAPSTONE HOLDER AND TWO PIECES OF SOAPSTONE.

ONE OXY-ACETYLENE TIP CLEANING DRILLS SET.

ONE PAIR OF 8" SLIP-JOINT PLIERS.

ONE EACH ADJUSTABLE WRENCH.

ONE 12' TAPE MEASURE.

ONE STEEL COMBINATION SQUARE.

ONE PAIR OF EAR PLUGS.

ONE 20"L X 13"D X 9"W TOOL BOX.

ONE WELDING CANVAS CAP

LEATHER SLEEVES WITH BIB OR LEATHER JACKET
ONE EACH GMAW PLIERS (WELPER).

SET OF STANDARD AMERICAN HEX WRENCHES (.05” – 5/32”)

2 EACH HAND HEAT SHIELD PADS

ONE EACH RIGHT ANGLE 4-1/2” HAND GRINDER

ONE STAINLESS STEEL WIRE BRUSH (WELDING TYPE).

TWO EACH 1” SPRING CLAMPS.

ONE EACH 4” PIPE WRAP-AROUND (PIPE LAYOUT).

ONE AMERICAN MADE 12” HALF ROUND BASTARD FILE (COURSE).

A SCIENTIFIC CALCULATOR (TI-30XA).

ONE EACH 6” DRAFTING COMPASS.

ONE EACH 10” 45 DEGREE PLASTIC DRAFTING ANGLE
ONE EACH 10" 30-60 DEGREE PLASTIC DRAFTING ANGLE.

TWO EACH #2 PENCILS OR DRAFTING PENCIL WITH #2 LEADS (SHARPENER WILL BE NEEDED).

ONE EACH 6" PLASTIC PROTRACTOR.

ONE EACH ERASER (Pink Pearl).

ONE PAIR 6" SCISSORS.

ONE EACH ARCHITECTURAL RULE.

ONE ROLL OF DRAFTING TAPE.

ONE PAIR LEATHER GTAW WELDING GLOVES

ONE PAIR LEATHER WORK GLOVES.