



TRADES ACADEMY

Building Skills For A Lifetime

WELDING

Core Curriculum (2015):

Basic Safety * Introduction to Construction Math * Introduction to Hand Tools * Introduction to Power Tools * Introduction to Construction Drawings * Basic Rigging * Basic Communication Skills * Basic Employability Skills * Introduction to Materials Handling

Core Curriculum: **85 hours** **Core Tuition:** **\$1,360.00** **Core Textbook:** **\$95.00**

Welding Level 1 (2015):

Welding Safety * Oxyfuel Cutting * Plasma Arc Cutting * Air Carbon Arc Cutting & Gouging * Base Metal Preparation * Weld Quality * SMAW – Equipment & Setup * SMAW Electrodes * SMAW – Beads & Fillet Welds * Joint Fit-up & Alignment * SMAW – Groove Welds with Backing * Open Root Groove Welds-Plate

Welding Level 1: **285 hours** **Level 1 Tuition:** **\$4,560.00** **Level 1 Textbook:** **\$95.00**

Welding Level 2 (2015):

Welding Symbols * Reading Welding Detail Drawings * Physical Characteristics & Mechanics Properties of Metals * Preheating & Postheating of Metals * GMAW & FCAW – Equipment & Filler Metals * GMAW – Plate * FCAW-Plate * GTAW – Equipment & Filler Materials * GTAW – Plate

Welding Level 2: **227.5 hours** **Level 2 Tuition:** **\$3,640.00** **Level 2 Textbook:** **\$135.00**

Welding Level 3 (2016):

SMAW – Open-Root Pipe Welds * GMAW – Pipe * FCAW – Pipe * GTAW – Carbon Steel Pipe * GTAW – Low Alloy & Stainless Steel Pipe * SMAW – Stainless Steel Groove Welds

Welding Level 3: **470 hours** **Level 3 Tuition:** **\$7,520.00** **Level 3 Textbook:** **\$135.00**



Accredited Training Unit

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BARRIGADA TRAINING FACILITY:
196 East Route 8
Barrigada, Guam
September 2019

Welding Level 4 (2016):

SMAW – Open-Root Pipe Welds * GMAW – Pipe * FCAW – Pipe * GTAW – Carbon Steel Pipe * GTAW – Low Alloy & Stainless Steel Pipe * SMAW – Stainless Steel Groove Welds

Welding Level 3:	172.5 hours	Level 4 Tuition:	\$2,760.00	Level 4 Textbook:	\$135.00
Total Welding Program:	1,240 hours	Total Program Tuition:	\$19,840.00	Total Textbook Cost:	\$595.00

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