

WELDING

CIP CODE 48.0508

Mr. Tuk

TECHNOLOGY

... teaches various methods to permanently fuse metals by applying intense heat and filler metal.

CERTIFICATIONS

American Welding Society - Welder Certification Program

OSHA10 Certification in General Industry Safety



American Welding Society



3-YEAR BREAKDOWN

Year 1

Occupational orientation
Safe use of machinery
Theory of welding
Basic math for welders
Introduction to thermal cutting gas metal and flux cored welding
Welding symbols
Professional development

Year 2

Measurement tools
Proper use of layout tools
Gas Tungsten Arc welding
Blueprint reading
Out-of-position welding
Production of metals
Welding metallurgy
Introduction to Brazing

Year 3

Visual Examination
Inspection Techniques
Testing of materials
Out-of-position welding
NOCTI preparation
OSHA10 Training
Professional development
Welder certification

TEACHER BIO

Over 35 years in the welding industry.

I have built products that have been sent all around the world.

Years Teaching: 5+ years

CWI for the past 20 years



"Work smarter, not harder."

CAREER PATHWAYS

Welding Engineer
Sheet Metal Fabricator
Pipefitter / Welder
Boilermaker
Underwater Welder
Welding Instructor

COLLEGE PATHWAYS



INDUSTRY PARTNERS

Johnstown Welding / Fabrication
QTI, LLC
Clark Metals, Inc.
Miller Fabrications Solutions

Nearly 50% of all consumer goods have some sort of weld.

