

WELDING

CAREER ROADMAP

MCCC CAREER MAJOR

REQUIRED COURSES

Shielding Metal Arc Welding
Gas Metal Arc Welding
Flux Core Arc Welding
Gas Tungsten Arc Welding

COLLEGE CREDIT

Students have the opportunity to earn college credit in this program.

GOALS

Earn High School Diploma
Earn Industry Certifications

MCCC INDUSTRY CERTIFICATIONS*

American Welding Society (AWS) Certified Welder
American Welding Society (AWS) — Welding Qualification
OSHA 30 HR Construction Industry Certification
CPR / First Aid
Pre-Apprenticeship

JOB PLACEMENT | INTERNSHIPS

General Welding, Fabrication Specialist,
Production, Welder, Tack Welder

TECHNICAL CAREERS

ASSOCIATE DEGREE

Associate of Applied Science Industrial Welding

ADVANCED CERTIFICATIONS

Short-Term Certificates:

Shielded Metal Arc Welding
Gas Metal Arc Welding
Gas Tungsten Arc Welding
Flux-cored Arc Welding
Oxy-Fuel / Plasma Processes

ONE-YEAR CERTIFICATE:

Industrial Welding
American Society Mechanical Engineering
American Petroleum Institute

JOBS WITH WORK EXPERIENCE & POST-SECONDARY EDUCATION

Journeyman
Foreman
Certified Welding Inspector
Welding Shop Manager
Welding Shop Owner
Fabrication Shop Owner
Blueprint Interpreter
Welder/Fitter
Robotics

PROFESSIONAL CAREERS

BACHELOR DEGREE*

Welding Engineering Technology
Welding Engineering
Mechanical Engineering
Welding Metallurgy

MASTER DEGREE*

Welding Engineering
Mechanical Engineering
Construction Management

EXTENSIVE WORK EXPERIENCE*

Engineer, Technologist
Welding Professor
Welding Engineer
Welding Research Scientist
Senior Welding Engineer
University Professor
Researcher

*Students who meet certification criteria will have the opportunity to test in their CT program.



Your College & Career



*Examples only. Degrees and work experience options are extensive.