

Welding Basics

6 Hours – Road Scholar Credits



AUGUST 16, 2023 (Wednesday) | 9:00 am — 4:00 pm MT
10:00 am — 5:00 pm CT

Dunn County Highway Dept. 458 CC Ave., Killdeer, ND

AUGUST 17, 2023 (Thursday) | 9:00 am — 4:00 pm CT
City of Minot Public Works 1025 31st St SE Minot ND

Registration Fee: \$50 | Registration Deadline: August 9, 2023

(includes lunch & refreshment breaks, instructor fees, training materials)



This welding training will be a blend of classroom and hands-on practice in the shop. No prior welding experience is required. This class is designed to be a great refresher for experienced welders and a solid foundational class for anyone without any formal welding background.

Welding and repair work can be dangerous. Anthony will hand off a wide array of safety focus areas to help you and your crew avoid injuries and get home safe each night. Information about metals identification, mechanical properties, and heat treatments will provide participants with a unique and valuable learning opportunity. Anthony will cover:

- Welding basics, safety, stresses, distortion control
- Practical Metallurgy 1 – Carbon Steel
 - Mechanical properties testing, heat treatments, metals identification
- Arc Welding – SMAW (stick)
 - Shop & field welding, gouging and repair techniques
- Oxy-fuel Cutting & Safety

Participants should wear clothing suited for welding. Participants are encouraged to bring clothing, welding supplies and welding equipment that they would like to have Anthony inspect. His review will focus on product quality from a safety perspective.



Instructor: Anthony Stampe of ALS Enterprises is a travelling welding trainer specializing in maintenance welding. For the past 16 years he's provided welding and repair advice to hundreds of clients in the oil & gas industry, construction companies, coal & copper mines and many county & city shops and utilities. Anthony trains maintenance welding and metallurgy courses throughout the U.S. and brings years of practical experience to his workshops. For more on his training, visit his website at www.weldingtrainer.com

Target Audience: County and city maintenance and shop personnel (experienced or inexperienced), including supervisors.

Experienced welders: this is a great refresher course.

For questions about this event contact NDLTAP @ 701-328-9855 ndltap@ugpti.org