

WELDING BASICS, SAFETY & REPAIR TECHNIQUES

On-site

8 Hours – Road Scholar Credits

April 24, 2019 (Wednesday) Bowman County/City Shop, 104 1st St. NW, Suite 5, Bowman, ND

8 a.m. – 4:30 p.m. MST, 9 a.m. – 5:30 p.m. CST

April 25, 2019 (Thursday) Barnes County, 1525 12th St. NW, Valley City, ND • 8 a.m. – 4:30 PM CST

Registration Deadlines: Bowman – April 17; Valley City – April 18; Class Limit: 20

Fee: \$50.00 (registration fee covers: meal, training material and instructor fee)

The welding class is a one-time event that is not part of the NDLTAP normal training plan. If you are interested in this special offering, sign up now because it may not be offered again. The training will be a blend of classroom and hands-on practice in the shop. No prior welding experience is required. The class is designed to be a great refresher for experienced welders and a solid foundational class for those without any formal welding background.



Welding and repair work can be dangerous. The class will cover a wide array of safety focus areas to help you and your crew avoid injuries and get home safely each night. Participants will learn valuable information about metal identification, mechanical properties, and heat treatments. The class will cover:

- Welding basics, safety, stresses, distortion control
- Practical metallurgy 1 – Carbon Steel
 - Mechanical properties testing, heat treatments, metals identification
- Arc welding - Shielded metal arc welding (stick)
 - Shop & field welding, gouging and repair techniques
- Oxy-fuel cutting & safety

Participants should wear clothes suited for welding. Participants are encouraged to bring clothing, welding supplies and welding equipment that they would like to have the instructor 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 conducts maintenance welding and metallurgy courses throughout the United States 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.

If you have questions about this event contact NDLTAP @ 701-328-9855 ndltap@ugpti.org

If you have a request for an accommodation related to a disability or have special dietary needs, please contact Sandy Baisch at (701) 328-9855 or sandra.baisch@ndsu.edu at least two working days prior to the event.