

Welding and Materials Technology

College of Rural and Community Development
Tanana Valley Campus
907-455-2800
www.tvc.uaf.edu/programs/weld/

Welding is an important industrial skill with applications in agriculture, mining, transportation, aviation, oil and gas, and construction. Training ranges from welding basics to advanced pipe and metal plate fabrication.

Classes are small to offer hands-on training and maximum interaction between the student and instructor. Students may request credit by examination for any WMT class. Advanced students may work toward American Welding Society certification or pursue advanced projects. Contact the department for details.

The following courses are part of the welding and materials technology program:

WMT F101—Introduction to Welding.....	3
WMT F102—Intermediate Welding.....	3
WMT F103—Welding I.....	3
WMT F105—Welding II.....	3
WMT F106—Heat Treating/Metal Finishing/Knife Making I...3	
WMT F117—Oxy-Acetylene Welding and Cutting.....	3
WMT F130—Shielded Metal Arc Welding (SMAW).....	1 – 3
WMT F150—Gas Tungsten Arc Welding (GTAW).....	1 – 3
WMT F160—Gas Metal Arc Weld Alum (GMAW).....	1 – 3
WMT F170—Military Training Welding I.....	3
WMT F206—Heat Treating/Metal Finishing/Knife Making II...3	
WMT F210—Uphill Pipe Welding.....	3
WMT F241—Gas Tungsten Arc and Gas Metal Arc Welding...3	
WMT F270—Military Training Welding II.....	3
WMT F280—Military Training Welding III.....	3
WMT F290—Welding Proficiency Maintenance.....	3