

**FACULTY QUALIFICATIONS
FOR OCCUPATIONAL PROGRAMS**

<i>Instructional Area:</i>	442 Welding
<i>Educational Requirements:</i>	Bachelor's degree in Career and Technical education, manufacturing, or a closely related field is required. Master's degree in Career and Technical Education is preferred. In evaluating candidates for this position, Nicolet may consider a combination of education, training, and experience that provides the necessary knowledge, skills, and abilities to perform the duties of the position.
<i>Occupational Requirements:</i>	Two years (4,000 hours) of verified occupational work experience as a Welder is required. Experience must be in manufacturing, fabrication, or related occupations. Occupational experience must include one year (2,000 hours) within the past five years. Recent teaching experience in post-secondary higher education may be substituted for up to one year of the occupational experience requirement. Additional experience in manufacturing outside the field of education is preferred.
<i>Working titles which provide the occupational experience necessary to function as an instructor:</i>	<ul style="list-style-type: none"> • Welder • Welder Fabricator • Pipe Welder • Structural Welder • Welding Lead Person • Maintenance Welder • Welder Fitter • Weld Job Shop Fitter • Welding Inspector • Weld Engineer
<i>Relevant job duties an individual should have performed:</i>	<ul style="list-style-type: none"> • Oxy-fuel welding and cutting. • Shielded metal arc welding, all positions. • Gas tungsten arc welding of aluminum, steel, and stainless steel material; plasma welding and cutting. • Flux-core arc welding with self-shielded and gas shielded wires in any diameters. • Gas metal arc welding with any diameter solid wire, including pulsed arc transfer. • Read blueprints and set up parts. • Interpret welding requirements from symbols on blueprints. • Quality control experience. • Inspection and testing. • Use welding codes and procedures.
<i>Requirements from other governmental agencies, associations, or other significant groups:</i>	None