

## FACULTY QUALIFICATIONS FOR OCCUPATIONAL PROGRAMS

<i>Instructional Area:</i>	447 Operating Engineer
<i>Educational Requirements:</i>	Bachelor's degree in Heavy Equipment Operation Technology, Diesel and Heavy Equipment Service, Career and Technical Education, 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 Heavy Equipment Operator is required. Experience must be in forestry, construction, highway maintenance, manufacturing, 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 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"> <li>• Operating Engineer</li> <li>• Heavy Equipment Operator</li> <li>• Logging/Forestry Equipment Operator</li> <li>• Journey Worker Operating Engineer</li> <li>• Road Construction Equipment Operator</li> <li>• Highway/Road Maintenance Equipment Operator</li> <li>• Site Construction Project Manager</li> <li>• Highway Construction Project Manager</li> </ul>
<i>Relevant job duties an individual should have performed:</i>	<ul style="list-style-type: none"> <li>• Maintain a safe work environment.</li> <li>• Operate heavy equipment such as backhoes, front-end loaders, skid steers, graders, bulldozers, excavators, harvesters, forwarders, pole skidders, etc.</li> <li>• Service and perform general and preventive maintenance on machines and equipment.</li> <li>• Make routine adjustments and repairs.</li> <li>• Develop a daily work plan.</li> <li>• Coordinate site preparation; install and maintain signs and fencing.</li> <li>• Transport and deliver materials.</li> <li>• Demonstrate environmental/quality practices.</li> <li>• Communicate with supervisor/foreman, forester/engineer, and other project managers.</li> </ul>
<i>Requirements from other governmental agencies, associations, or other significant groups:</i>	None
<i>Other:</i>	None