

# Railroad Mechanical Welding Certificate

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This certificate is designed to address the training needs of railway mechanical welders. Upon successful completion of this program, you should be able to demonstrate safe operating procedures for welding applications, perform skill competencies involving a variety of processes and positions, passcode welding requirements according to AWS D15.1, and perform welding operations as needed.

JCCC's railroad industrial technology certificate program is open to BNSF employees and/or approved students. Enrollment is subject to the approval of the BNSF Railway training director and JCCC division administrator.

(Major Code 3190; CIP Code 49.0208)

Railroad Science Program web page (<http://www.jccc.edu/academics/credit/railroad-science/>)

## Certificate Requirements

### Required Courses

Code	Title	Hours
RRIT 160	Basic Welding*	3
RRIT 162	Structural Stick Welding*	3
RRIT 164	Structural Wire Welding*	3
RRIT 166 or RRIT 168	Mechanical Welding Air Brake Pipe* Sheet Metal Welding*	3
<b>Total Hours</b>		<b>12</b>

**Total Program Hours: 12**

\* This course has registration requirements.